

NIRJA SAHAY DAV PUBLIC SCHOOL, KANKE RANCHI

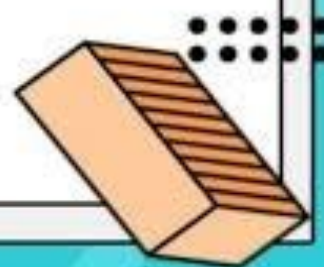
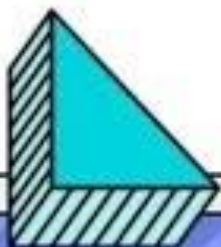
Session - 2023- 24

CLASS - X

HOLIDAY HOMEWORK

LIST OF SUBJECTS:

- 1. ENGLISH**
- 2. MATHS**
- 3. HINDI/ SANSKRIT**
- 4. SOCIAL SCIENCE**
- 5. COMPUTER**
- 6. SCIENCE**





NIRJA SAHAY DAV PUBLIC SCHOOL

KANKE, RANCHI - 06

HOLIDAY HOMEWORK, 2023-24

Class:-X

ENGLISH (SQP)

MM:-80

1. The Question Paper contains THREE sections-READING, GRAMMAR & WRITING and LITERATURE.
2. Attempt questions based on specific instructions for each part.

SECTION A : READING SKILLS (20 marks)

Reading Comprehension Through Unseen Passages

1.	Read the following text.	10 m
(1)	As a high school student, studying poetry can be a rollercoaster ride. This journey is punctuated by moments of profound appreciation for simpler pieces and intermittent frustration with more complex works. Let's be real here - some poems are just plain confusing and no amount of re-reading seems to help decipher the intended meaning. The puzzlement that results from such instances can be both vexing and demotivating. If solving a riddle is what was intended, then playing Sudoku is a better option. One is led to ponder if obscurity was the goal.	
(2)	Conversely, some pieces resonate with the reader's soul, stirring feelings of warmth, happiness, and connection to the world. Often, these compositions centre on themes that are universally understood, such as love, nature, or faith. Being able to actually understand what the poet is trying to say can feel like a little victory and is a welcome relief after grappling with more perplexing poetry.	
(3)	Then there are poems that are emotionally charged; the ones that make the reader curl up in a ball and cry or jump up and down with joy. One is left in awe of the poet's ability to convey emotion through words. Let's not forget the downright weird poems. These are the ones that defy categorization and leave the reader to their own devices in attempting to interpret meaning. The author's use of figurative language and unconventional imagery can create a sense of bewilderment that is either intriguing or off-putting. Regardless, the reader can appreciate the uniqueness of the work.	
(4)	Despite the wide range of emotions and reactions that come with studying poetry, it can be a rewarding pursuit. Not only does reading poetry allow one to appreciate the artistic beauty of the written word but also enables one to develop crucial critical thinking and analytical skills. The process of unlocking a poem's meaning can feel like cracking a code or solving a puzzle but the sense of accomplishment derived from mastering a challenging piece can be deeply gratifying. Finally, impressing an English teacher with a well-analysed poem can be a source of pride and validation.	
(5)	Overall, studying poetry is like a box of mixed chocolates, you never know what you're going to get. But whether it's complex, emotional, simple, or just downright weird, there's always something to be gained from the experience. So, let's applaud all the poets out there, for making us laugh, cry, scratch our heads, and occasionally feel like a genius.	

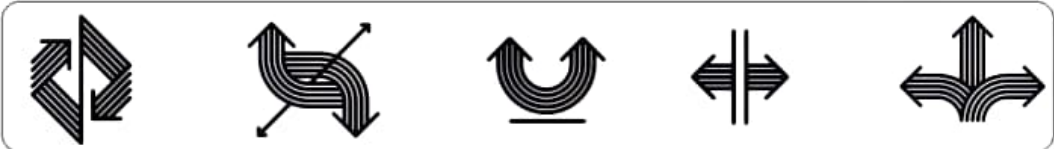
Created for academic usage/ 414 words

Answer the following questions, based on the passage above.

i	<p>Which of the following statements best describes the author's attitude towards studying poetry?</p> <p>A. Finds poetry to be a frustrating and meaningless endeavor. B. Believes that the emotional rollercoaster of studying poetry is not worth the effort. C. Recognizes the challenges of studying poetry but also acknowledges the rewards it offers. D. Feels that poetry is too obscure and abstract for the average person to appreciate.</p>	1
ii	<p>What is the tone of the writer in the given lines from paragraph (1)? Rationalise your response in about 40 words.</p> <p><i>If solving a riddle is what was intended, then playing Sudoku is a better option. One is led to ponder if obscurity was the goal.</i></p>	2
iii	<p>Complete the sentence appropriately.</p> <p>The author's use of vivid imagery in the paragraph (3), such as "curl up in a ball and cry" and "jump up and down with joy", greatly affects the reader because _____.</p>	1
iv	<p>The passage includes some words that are opposites of each other. From the sets (a)-(e) below, identify two sets of antonyms:</p> <div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: fit-content;"> <p>(a) intriguing and off-putting (b) deciphering and interpreting</p> <p>(c) appreciate and applaud (d) simple and challenging</p> <p>(e) emotions and feelings</p> </div>	1
v	<p>Complete the sentence appropriately.</p> <p>We can say that the author's tone becomes more neutral and objective when discussing weird poems, compared to other types of poetry because _____.</p>	1
vi	<p>Based on the reading of the passage, examine, in about 40 words, how studying poetry can be like exploring a new city.</p>	2
vii	<p>What is the message conveyed by Hina's experience, in the following case?</p> <p>Hina spends hours trying to analyze a poem for her assignment and finally feels a sense of accomplishment and pride, once she understands.</p> <p>A. Only those with natural talent for poetry should engage with it. B. Persistence makes studying poetry a rewarding pursuit. C. Study of poetry is guaranteed to impress others. D. The efforts of studying poetry is inversely proportional to the rewards gained.</p>	1
viii	<p>State whether the following lines display an example of a simple / complex / emotionally charged / downright weird , poem.</p> <p style="text-align: center;"><i>The sun rises in the east, A new day begins, a fresh start. Birds chirp, nature wakes up, A peaceful feeling in my heart.</i></p>	1
2.	Read the following text.	10 m
(1)	<p>Reduction in green areas has caused various environmental problems. People squeezed between concrete structures are looking for various ways to meet their longing for green. One of the ways to do so, is vertical gardens and green walls. Vertical gardening is a unique method of</p>	

	gardening where plants are grown in a vertical position or upward, rather than in the traditional method of planting them on the ground.																																																																																																																														
(2)	The purpose of vertical gardens and green walls, which arises from the studies of different disciplines (landscape architects, architects, engineers, etc.), is to close the cold image of concrete and increase the visual value. In these systems, nature and structures are integrated, and thus, urban areas and the desired environment have become intertwined.																																																																																																																														
(3)	Vertical garden case studies often show that , though functionality should be in the foreground, when vertical gardens are planned, they are generally made as aesthetic elements in the city's underpasses and city squares, and decorative elements in residences, without seeking functionality.																																																																																																																														
(4)	Experts support that the visual quality and evaluation of landscape architecture is determined based on the satisfaction of the users. Hence, a survey questionnaire was prepared for residents of varied age groups from of a metropolitan city . The given Table 1 , displays these responses:																																																																																																																														
	<table border="1"> <thead> <tr> <th colspan="7">Table 1 - Total number of participants : 400</th> </tr> <tr> <th>No.</th> <th>Survey statements</th> <th>Strongly agree</th> <th>Agree</th> <th>Neutral</th> <th>Disagree</th> <th>Strongly disagree</th> </tr> </thead> <tbody> <tr> <td colspan="7">Vertical gardens-</td> </tr> <tr> <td>1</td> <td>improve quality of life of people in urban areas</td> <td>191</td> <td>138</td> <td>43</td> <td>9</td> <td>19</td> </tr> <tr> <td>2</td> <td>reduce noise pollution</td> <td>128</td> <td>164</td> <td>77</td> <td>25</td> <td>6</td> </tr> <tr> <td>3</td> <td>increase air quality -indoors and outdoors</td> <td>172</td> <td>147</td> <td>51</td> <td>28</td> <td>2</td> </tr> <tr> <td>4</td> <td>reduce energy and water consumption</td> <td>58</td> <td>47</td> <td>125</td> <td>68</td> <td>2</td> </tr> <tr> <td>5</td> <td>positively impact global warming</td> <td>114</td> <td>144</td> <td>106</td> <td>30</td> <td>6</td> </tr> <tr> <td>6</td> <td>have a relaxing and calming effect</td> <td>161</td> <td>177</td> <td>44</td> <td>7</td> <td>11</td> </tr> <tr> <td>7</td> <td>cost too much</td> <td>86</td> <td>107</td> <td>152</td> <td>42</td> <td>13</td> </tr> <tr> <td>8</td> <td>make plants look beautiful</td> <td>195</td> <td>139</td> <td>44</td> <td>6</td> <td>16</td> </tr> <tr> <td>9</td> <td>add naturalness to the environs</td> <td>135</td> <td>173</td> <td>55</td> <td>25</td> <td>12</td> </tr> <tr> <td>10</td> <td>are among the determining factor to visiting a place</td> <td>59</td> <td>133</td> <td>141</td> <td>54</td> <td>13</td> </tr> <tr> <td>11</td> <td>are inconvenient indoors</td> <td>9</td> <td>84</td> <td>123</td> <td>126</td> <td>48</td> </tr> <tr> <td>12</td> <td>can be applied in every place</td> <td>71</td> <td>132</td> <td>97</td> <td>77</td> <td>23</td> </tr> <tr> <td>13</td> <td>have a functional feature</td> <td>81</td> <td>207</td> <td>100</td> <td>10</td> <td>2</td> </tr> <tr> <td>14</td> <td>distract drivers</td> <td>34</td> <td>101</td> <td>106</td> <td>131</td> <td>28</td> </tr> <tr> <td>15</td> <td>funds are best used for social issues</td> <td>57</td> <td>72</td> <td>100</td> <td>130</td> <td>41</td> </tr> </tbody> </table>	Table 1 - Total number of participants : 400							No.	Survey statements	Strongly agree	Agree	Neutral	Disagree	Strongly disagree	Vertical gardens-							1	improve quality of life of people in urban areas	191	138	43	9	19	2	reduce noise pollution	128	164	77	25	6	3	increase air quality -indoors and outdoors	172	147	51	28	2	4	reduce energy and water consumption	58	47	125	68	2	5	positively impact global warming	114	144	106	30	6	6	have a relaxing and calming effect	161	177	44	7	11	7	cost too much	86	107	152	42	13	8	make plants look beautiful	195	139	44	6	16	9	add naturalness to the environs	135	173	55	25	12	10	are among the determining factor to visiting a place	59	133	141	54	13	11	are inconvenient indoors	9	84	123	126	48	12	can be applied in every place	71	132	97	77	23	13	have a functional feature	81	207	100	10	2	14	distract drivers	34	101	106	131	28	15	funds are best used for social issues	57	72	100	130	41
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Answer the following questions, based on the passage above

i	<p>Complete the following analogy appropriately, based on your understanding of paragraphs 1 & 2.</p> <p>We can say that the situation of people living in concrete structures is comparable with a fish living in a fishbowl, and the need for vertical gardens to the need for decorations in the fishbowl because _____.</p>	1
ii	<p>Fill the blanks with the appropriate option from those given in brackets, based on your understanding of paragraph 2.</p> <p>The statement that , urban spaces have become more closely connected with the desired natural surroundings through the incorporation of nature and structures in vertical gardens and green walls, is a _____ (fact/ opinion) because it is a _____ (subjective judgement/ objective detail).</p>	1
iii	<p>Justify the following, in about 40 words.</p> <p><i>While the survey results suggest that vertical gardens may be effective in improving the quality of life in urban areas, further research and evaluation may be necessary to fully understand their effectiveness and potential drawbacks.</i></p>	2
iv	<p>Based on the survey results, which two concerns should a city government, looking to install vertical gardens, address?</p>	1
v	<p>In Table 1, the statement 3, "<i>Vertical gardens increase air quality - indoors and outdoors,</i>" received the most neutral responses from participants, with 51 respondents indicating a neutral stance. State any one inference that can be drawn from this.</p>	1
vi	<p>Select the option that correctly displays what 'intertwined' signifies. (Reference-Paragraph 2)</p> <div style="text-align: center;">  </div> <p>(i) (ii) (iii) (iv) (v)</p> <p>A. (i) , (iv) and (v) B. Only (ii) C. Only (iii) D. (ii) and (v)</p> <p style="text-align: center;">FOR THE VISUALLY IMPAIRED CANDIDATES</p> <p>In the given sentence taken from paragraph 1, select the option that correctly replaces the underlined word, with its most likely antonym.</p> <p style="text-align: center;">Vertical gardening is <u>a unique</u> method of gardening.</p> <p>A. an indefinite B. an exclusive C. a combined D. a standard</p>	1

vii	Infer one benefit and one drawback of vertical gardening, in comparison to other solutions, such as community gardens or parks. (Answer in about 40 words)	2
viii	Which of the following is the main takeaway from the study mentioned in the passage? A. Vertical gardening has minimal impact on the environment or human well-being. B. Vertical gardening is a sustainable practice that can transform urban spaces into green areas. C. The impact of vertical gardening on the environment and human well-being has already been thoroughly explored. D. The study needs to include experts from horticultural firms to offer any recommendations for further research.	1

SECTION B : WRITING SKILLS & GRAMMAR (20 marks)

GRAMMAR		10				
3	Complete ANY TEN of twelve of the following tasks, as directed.	1x10				
i.	Fill in the blank by using the correct form of the word in the bracket, for the given portion of a letter: Dear Sir This is with reference to committee's letter of recommendation that _____ (highlight) the nominations for 'Safe Residential Area' award for this current year.	1				
ii.	Read the given sentence from a recipe review article. Identify the error and supply the correction in the sentence. <i>This delightful recipe must keep your hunger pangs at bay with its balanced spices and oriental flavour.</i> Use the given format for your response. <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">error</td> <td style="text-align: center;">correction</td> </tr> <tr> <td style="height: 20px;"></td> <td style="height: 20px;"></td> </tr> </table>	error	correction			1
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iii.	Abhilash and Neha had a conversation about the inauguration of Neha's Dance Academy. Report Abhilash's question. <i>Is your best friend helping you in this venture?</i>	1				
iv.	Read the dialogue between Shabnam and her mentor, Sara, regarding her summer internship programme. Sara: Why did you choose to participate in this internship programme? Shabnam: Ah! I am convinced this programme has the potential to enhance my abilities. Select the correct option to complete the reporting of the above dialogue. Sara asked Shabnam _____ in that internship programme. Shabnam sighed and exclaimed that she was convinced that programme had the potential to enhance her abilities. A. why to choose to participate B. to choose participation C. why he had chosen to participate	1				

	D. with her choice in participating																
v.	<p>Fill the blank by choosing the correct option, to complete the concluding line of an issued circular by an Organisation, to its Managers.</p> <p>A copy of the plan is enclosed and _____ (that/ then/ this) may be communicated to all Team Leaders for compliance.</p>	1															
vi.	<p>Identify the error and supply correction for the given sentence from a commercial company's current marketing strategy.</p> <p><i>The company aimed at increasing authority in areas frequently visited by the clients.</i></p> <p>Use the given format for your response.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>error</th> <th>correction</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>	error	correction			1											
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vii.	<p>Select the option that identifies the error and supplies the correction for the closing line, from an analytical report.</p> <p><i>In conclusion, this study explores the association among short-sleep pattern and overweight youngsters.</i></p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Option No.</th> <th>error</th> <th>correction</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>explores</td> <td>explore</td> </tr> <tr> <td>B</td> <td>and</td> <td>or</td> </tr> <tr> <td>C</td> <td>among</td> <td>between</td> </tr> <tr> <td>D</td> <td>In</td> <td>for</td> </tr> </tbody> </table>	Option No.	error	correction	A	explores	explore	B	and	or	C	among	between	D	In	for	1
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viii	<p>Complete the given narrative, by filling the blank with the correct option.</p> <p>The experience of nursing an injured bird left me _____ grateful for knowing the importance of being kind and compassionate to all creatures.</p> <p>A. feeling B. having felt C. felt D. feels</p>	1															
ix.	<p>Report the dialogue between a vendor and his customer, by completing the sentence:</p> <p>Vendor: It is nice to see you, Sir! Customer: Yes, indeed! Unlike last month, I have been away for quite some time this month.</p> <p>The vendor greeted his customer respectfully and mentioned that he was pleased to see him. The customer answered in the affirmative and explained that _____</p>	1															
x.	<p>Fill the blank by choosing the correct option to complete the live feed on a school news channel.</p> <p>Congratulations Change Makers! The regional competition awards have been announced and our school music club _____ the first prize.</p>	1															

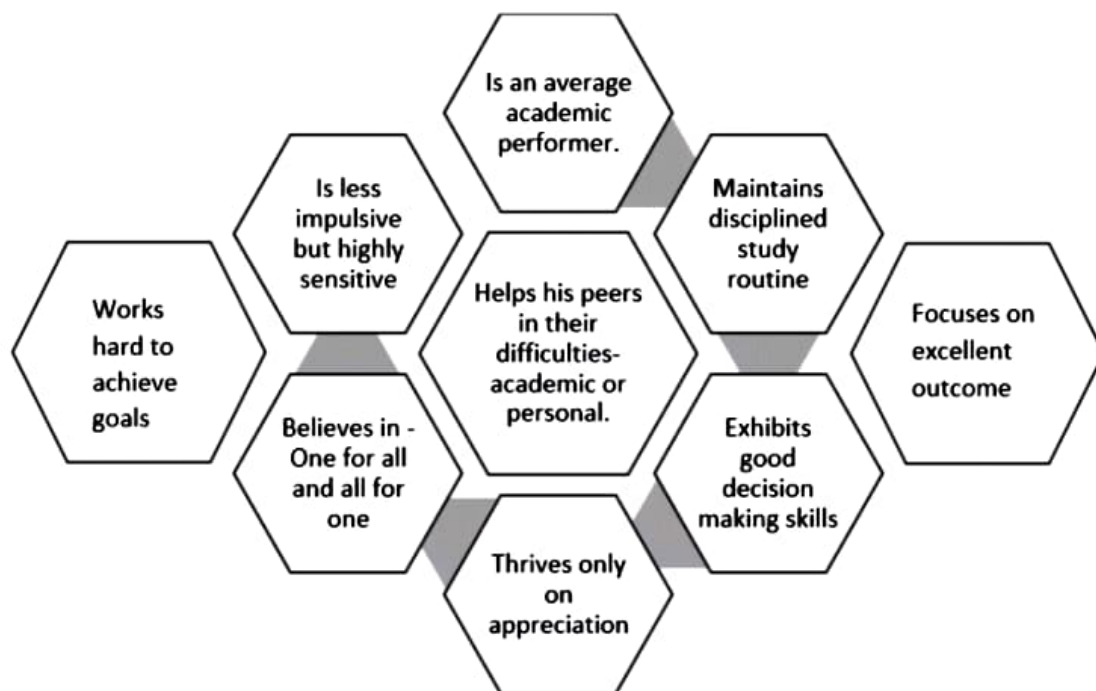
	<p>A. had been won B. will win C. was winning D. has won</p>					
xi.	<p>Complete the line from a self- awareness song, by filling the blank with the correct option.</p> <p style="text-align: center;">The river runs through your veins The trees and mountains _____ your name The moon and stars watch over You're guiding your way back home To dream the night away.</p> <p>A. will call B. call C. had called D. calls</p>	1				
xii.	<p>Identify the error and supply correction for the following note in a passengers' flight instruction manual:</p> <div style="border: 1px dashed black; padding: 10px; margin: 10px auto; width: fit-content;"> <p>Note- Passengers will not reach the airport late in order to avoid a fine equivalent to 5% of the basic fare.</p> </div> <p style="text-align: center;">Use the given format for your response.</p> <table border="1" style="margin: 10px auto; width: 50%;"> <thead> <tr> <th style="width: 50%;">error</th> <th style="width: 50%;">correction</th> </tr> </thead> <tbody> <tr> <td style="height: 20px;"></td> <td style="height: 20px;"></td> </tr> </tbody> </table>	error	correction			1
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WRITING		10
Note : All details presented in the questions are imaginary and created for assessment purpose .		
4.A	<p>As Vaishali Nathani of 214, Indrayani Apartments, Vaishali Street, Daipur, you believe that forming Ecology clubs and appointing Eco-minders in your city can aid in the preservation and conservation of nature.</p> <p>Write a letter to the MLA of your city area, in about 120 words, suggesting the need to form such clubs. Share their importance and implications. Recommend the involvement of resident volunteers for implementation of eco-club activities that nurture and protect the local ecosystem.</p>	5
OR		
4.B	<p>As Armaan Khan, the School Literary Captain of Ujjwal Academy, Old City, Kildarabad, you believe that languages can help bridge regional divides and promote unity.</p> <p>Write a letter to the Editor of a national daily, in about 120 words, suggesting the introduction of an online regional language learning programme managed and run by student councils and language clubs in the city. The programme aims to help residents who have recently relocated to a new region in picking up the local language organically. Share the importance and</p>	

credibility of such a programme and suggest a feasible way to execute it along with possible activities.

5.A Tsering, of class X, is contesting for the post of the Junior School Captain, in the upcoming student council elections. Given below is her character traits' graphic, shared in the public domain, by the school counsellor, for the awareness of student voters, at school.

5



All Tsering's peers have been asked to write a paragraph in about 120 words, analysing these traits, to either support or oppose her candidature. As one of her peers, write this analytical paragraph, by selecting some of the traits that support your analysis.

You may begin like this :

As a responsible student voter, I believe Tsering possesses / does not possess the necessary traits to be a School Captain.

You may end like this:

For these reasons, I believe she has / does not have the potential to be a good School Captain and I support / oppose her candidature.

OR

5.B As the Captain of the school's Cultural Club, you have been asked to study the given itinerary provided by a tour-organizing vendor.

**A 3N/2D Educational Tour for the Senior School Students:
Jabalpur and Ranha National Park (Vandhya Pradesh)**

- Tour Travel & sightseeing by bus.
- Accommodation on quad sharing basis.
- One staff complimentary for every 20 students.
- Bottled mineral water throughout the tour.

- Dance Party on 22 November.
- Insurance policy of ₹ 20,000/- per head.
- Provision of Tour Manager's assistance to all places.

Day	Estimated time of departure from	Estimated time of arrival	Sight-seeing Destination/ Activity	Time spent at the destination
22 Nov. 2023	8:49 am (Nagpur Junction)-8 hrs. 30 min	5:23 pm	Reporting at the hotel	
23 Nov. 2023	9:00am (hotel)	10:00am	Bhawartal Garden	1 hr.
	11:00am (garden)	11:40am	Bhedaghat Dhuandhar Falls	1hr.
	12:40pm (falls)	1:00pm	Lunch (nearby restaurant)	1 hr.
	2:00pm (restaurant)	2:15pm	Marble Rocks Cable car tour	1hr. 30 mins
	3:45pm (Marble Rocks)	4:45 pm	Rani Durgavati Museum	1 hr. 30 mins
	6:15pm (museum)	7:00pm	Back to the hotel	
24 Nov. 2023	5:30am (hotel)- 170 kms- 4 hrs. drive	9:30am	Ranha Tiger Reserve	7hrs.
	4:30pm (Tiger Reserve)	9:00pm	Back to the hotel	
25 Nov. 2023	7:54 am (Jabalpur Railway station)- 8 hrs. 45 min	4:21 pm	Nagpur Railway Junction	

Analyse this itinerary to either approve or reject the tour proposal, while focusing on the students' safety, interest, and physical wellness. Write this analytical paragraph in about 120 words, by selecting features that support your analysis.

You may begin like this :

A thorough analysis of the itinerary provided by the tour organizing vendor reveals that the tour proposal should be accepted / rejected.

You may end like this:

Therefore, the tour proposal for the educational trip should be approved / rejected.

SECTION D : LITERATURE TEXTBOOK AND SUPPLEMENTARY READING TEXT (40 marks)

6.	Read the given extracts and answer the questions for ANY ONE of the two, given.	5
A.	The question he tried to answer was simple: What is the purpose of the twelve tiny gold spots on a monarch pupa? "Everyone assumed the spots were just ornamental," Ebright said. "But Dr Urquhart didn't believe it."	

	<p>To find the answer, Ebright and another excellent science student first had to build a device that showed that the spots were producing a hormone necessary for the butterfly's full development. This project won Ebright first place in the county fair and entry into the International Science and Engineering Fair. There he won third place for zoology. He also got a chance to work during the summer at the entomology laboratory of the Walter Reed Army Institute of Research.</p> <p style="text-align: right;"><i>(The Making of a Scientist)</i></p>	
i	<p>State any one inference about Dr Urquhart from the given context: <i>Everyone assumed the spots were just ornamental," Ebright said. "But Dr Urquhart didn't believe it."</i></p>	1
ii	<p>State TRUE or FALSE.</p> <p>None of the terms (a) -(d) below, can be applied to the question - <i>What is the purpose of the twelve tiny gold spots on a monarch pupa?</i></p> <p>(a) A hypothesis - a proposed explanation for a phenomenon (b) An assumption - something that is taken for granted or assumed to be true without proof (c) A premise - a proposition that forms the basis of an argument (d) A theory - a well-substantiated explanation for a natural phenomenon</p>	1
iii	<p>Ebright's approach towards finding the purpose of the gold spots on a monarch pupa was highly effective. Elaborate in about 40 words, with reference to the extract.</p>	2
iv	<p>Which phrase would correctly substitute 'a chance', in the given sentence from the extract. <i>He also got <u>a chance</u> to work during the summer at the entomology laboratory of the Walter Reed Army Institute of Research.</i></p>	1
OR		
B.	<p>LOMOV : It's cold... I'm trembling all over, just as if I'd got an examination before me. The great thing is , I must have my mind made up. If I give myself time to think, to hesitate, to talk a lot, to look for an ideal, or for real love, then I'll never get married. Brr...It's cold! Natalya Stepanovna is an excellent housekeeper, not bad-looking, well-educated. What more do I want? But I'm getting a noise in my ears from excitement. (Drinks) And it's impossible for me not to marry. In the first place, I'm already 35— a critical age, so to speak. In the second place, I ought to lead a quiet and regular life. I suffer from palpitations, I'm excitable and always getting awfully upset; at this very moment my lips are trembling, and there's a twitch in my right eyebrow.</p> <p><i>(The Proposal)</i></p>	
i	<p>Which of the following is NOT a reason why Lomov thinks he must marry?</p> <p>A. He is already 35 years old. B. He suffers from palpitations. C. He is excitable and easily upset. D. He is in love with Natalya.</p>	1
ii	<p>Why is it fair to say that Lomov's tone, when he says "What more do I want?", is uncertain and questioning? Answer in about 40 words.</p>	2
iii	<p>Read the following descriptions (a)-(c) and identify which one correctly corresponds to the extract.</p> <p>(a) A debate is a formal discussion on a particular topic, usually with two or more people presenting different viewpoints and arguments.</p>	1

	(b) A soliloquy is a speech given by a character alone on stage, which reveals their innermost thoughts and feelings to the audience. (c) An aside is a brief comment or remark made by a character directly to the audience, which is not intended to be heard by other characters on stage.	
iv	If an actor were to enact this extract, what would he be required to focus on, while modulating his voice?	1
7.	Read the given extracts and answer the questions for ANY ONE of the two, given.	5
A.	But if it had to perish twice, I think I know enough of hate To say that for destruction ice Is also great And would suffice. (<i>Fire and Ice</i>)	
i	Fill the blank with one word. When the speaker says that ice could also bring about the end of the world, he refers to _____, as the means for destruction.	1
ii	What does the speaker's alignment with those who favour ice, suggest?	1
iii	Which of the following best describes the speaker's attitude towards destruction caused by ice? A. Indifferent B. Fearful C. Dismissive D. Respectful	1
iv	Comment on the poet's use of language in these lines.	2
OR		
B.	The fog comes on little cat feet. It sits looking over harbour and city on silent haunches and then moves on. (<i>Fog</i>)	
i	In what way does the language used in this poem challenge traditional ideas of what poetry should be?	1
ii	What is the significance of the use of the word "little" to describe the fog in the poem and how does this word choice contribute to the overall mood and tone of the poem? Answer in about 40 words.	2
iii	Complete the sentence with the appropriate option. The lines from the poem tell us that the city is _____. A. hilly B. coastal C. industrial D. under-developed	1

iv	Identify the type of imagery used in the lines of the poem.	1
8	Answer ANY FOUR of the following five questions, in about 40-50 words.	4x3=12
i	Justify the opinion that the traditional baker and his bread play a significant role in the cultural and social fabric of Goan society. (<i>Glimpses of India-I</i>)	3
ii	How does Leslie Norris use vivid imagery and metaphorical language in <i>A Tiger in the Zoo</i> , to effectively depict the confinement and oppression, experienced by the captive tiger.	3
iii	Explain how the description of the devastation caused by the hailstorm reflects the sadness within Lencho, in <i>A Letter to God</i> ? Refer to the given lines, from the text - <i>Not a leaf remained on the trees. The corn was totally destroyed. The flowers were gone from the plants. Lencho's soul was filled with sadness.</i>	3
iv	Kitty was a trusted friend to Anne. Elaborate. (<i>From the Diary of Anne Frank</i>)	3
v	How does Ogden Nash's <i>The Tale of Custard the Dragon</i> , challenge the notion that individuals should conform to societal expectations?	3
9	Answer ANY TWO of the following three questions, in about 40-50 words.	2x3=6
i	The story, <i>A Triumph of Surgery</i> is a powerful example of the importance of saying "no". Explain.	3
ii	How does education play a transformative role in Bholi's life? (<i>Bholi</i>)	3
iii	The various elements of Robert Arthur's writing style work together to create a sense of tension, uncertainty, and suspense, well-suited to the mystery and suspense genre of the story, <i>The Midnight Visitor</i> . Comment, with reference to any one element.	3
10	Answer ANY ONE of the following two questions, in about 100-120 words.	1x6=6
(A)	You have been asked to present an evaluation of the approaches of the mothers of both, the baby seagull and Amanda, towards helping their children. Write this presentation draft including your insights, in about 120 words, comparing the approaches of both parents. You may begin this way: One acknowledges that both parents, Amanda's mother and the baby seagull's mother both....however, ... (Reference - <i>Amanda! & His First Flight</i>)	
OR		
(B)	You have been chosen to address a student gathering from the neighbourhood schools, to speak on the resilience of human spirit required to transcend discrimination. Prepare the speech draft in not more than 120 words, with reference to the commonality of themes in <i>Nelson Mandela: Long Walk to Freedom</i> and <i>The Trees</i> by Adrienne Rich. You may begin this way: Good morning, everyone. Today, I'd like to discuss two pieces of literature that offer a powerful insight into the resilience of the human spirit required to transcend discrimination. You may end this way. To conclude, I'd like to say that ... Thank you	
11	Answer ANY ONE of the following two questions, in about 100-120 words.	1x6=6

(A) Imagine that M. Loisel, from *The Necklace* by Guy de Maupassant, writes a diary entry, exploring the theme of class and social status, and the nature of social mobility, in the context of his own experience.
Write this diary entry , as M. Loisel, in about 120 words.

OR

(B) A character arc is the transformation or development of a character throughout a story and refers to the changes a character undergoes as a result of their experiences, challenges, and interactions with other characters.
In the light of the above information, trace the character arc of the thief in Ruskin Bond's *The Thief's Story*, in about 120 words.

DURGA PUJA HOLIDAY HOMEWORK



NIRJA SAHAY DAV PUBLIC SCHOOL, KANKE, RANCHI-6

SAMPLE PAPER-1 (SESSION- 2023-24)

CLASS – X
SUB – MATHEMATICS (041)

F.M - 80
TIME – 3 hrs

General Instructions:

This Question paper contains-

five sections A, B, C, D and E. Each section is compulsory. However, there are internal choices in some questions.

- Section A** has 18 MCQ's and 02 Assertion-Reason based questions of 1 mark each.
- Section B** has 5 Very Short Answer (VSA)-type questions of 2 mark each.
- Section C** has 6 Short Answer (SA)-type questions of 3 mark each.
- Section D** has 4 Long Answer (LA)-type questions of 5 mark each.
- Section E** has 3 source based/case based/passages based/integrated units of assessment (4 mark each) with sub parts.
- All Questions are compulsory. However, an internal choice in 2 Qs of 5 marks, 2 Qs of 3 marks and 2 Questions of 2 marks has been provided.
- Draw neat figures wherever required. Take $\pi = 22/7$ wherever required if not stated.

SECTION – A

(Multiple Choice Questions)

Each question carries 1 mark

- The LCM of two numbers is 14 times their HCF. The sum of LCM and HCF is 600. If one number is 280, then the other number is
(a) 20 (b) 28 (c) 60 (d) 80
- When 2120 is expressed as the product of its prime factors we get
(a) $2 \times 5^3 \times 53$ (b) $2^3 \times 5 \times 53$ (c) $5 \times 7^2 \times 31$ (d) $5^2 \times 7 \times 33$
- If p and q are the zeroes of the quadratic polynomial $f(x) = 2x^2 - 7x + 3$, find the value of $p + q - pq$ is
(a) 1 (b) 2 (c) 3 (d) None of these
- The pair of linear equations $2x + 3y = 5$ and $4x + 6y = 10$ is
(a) inconsistent (b) consistent (c) dependent consistent (d) none of these
- Points A(3, 1), B(5, 1), C(a, b) and D(4, 3) are vertices of a parallelogram ABCD. The values of a and b are respectively
(a) a = 6, b = 3 (b) a = 2, b = 1 (c) a = 4, b = 2 (d) None of these
- If $\Delta ABC \sim \Delta DEF$, BC = 3 cm, EF = 4 cm and area of $\Delta ABC = 54 \text{ cm}^2$. Then the area of ΔDEF is
(a) 54 cm^2 (b) 88 cm^2 (c) 96 cm^2 (d) 108 cm^2
- If $\sec A = 15/7$ and $A + B = 90^\circ$, find the value of $\operatorname{cosec} B$.
(a) $8/7$ (b) $12/7$ (c) $7/15$ (d) $15/7$
- In ΔABC , right angled at B, AB = 5 cm and $\sin C = 1/2$. Determine the length of side AC.

- (a) 10 cm (b) 15 cm (c) 20 cm (d) none of these
9. In the ΔABC , D and E are points on side AB and AC respectively such that $DE \parallel BC$. If $AE = 2\text{cm}$, $AD = 3\text{ cm}$ and $BD = 4.5\text{ cm}$, then CE equals
- (a) 1 cm (b) 2 cm (c) 3 cm (d) 4 cm
10. ABCD is a trapezium with $AD \parallel BC$ and $AD = 4\text{cm}$. If the diagonals AC and BD intersect each other at O such that $AO/OC = DO/OB = 1/2$, then BC =
- (a) 6cm (b) 7cm (c) 8cm (d) 9cm
11. If the angle between two radii of a circle is 140° , then the angle between the tangents at the ends of the radii is
- (a) 90° (b) 50° (c) 70° (d) 40°
12. The number of revolutions made by a circular wheel of radius 0.7 m in rolling a distance of 176m is
- (a) 22 (b) 24 (c) 75 (d) 40
13. The area of the square that can be inscribed in a circle of radius 8 cm is
- (a) 256 cm^2 (b) 128 cm^2 (c) $64\sqrt{2}\text{ cm}^2$ (d) 64 cm^2
14. The ratio of the total surface area to the lateral surface area of a cylinder with base radius 80 cm and height 20 cm is
- (a) 1 : 2 (b) 2 : 1 (c) 3 : 1 (d) 5 : 1
15. The mean and mode of a frequency distribution are 28 and 16 respectively. The median is
- (a) 22 (b) 23.5 (c) 24 (d) 24.5
16. The median class of the following data is:

Marks	0-10	10-20	20-30	30-40	40-50	50-60
No. of students	8	10	12	22	30	18

- (a) 20 – 30 (b) 30 – 40 (c) 40 – 50 (d) 50 – 60
17. Two dice are thrown simultaneously. What is the probability of getting doublet?
- (a) $1/36$ (b) $1/6$ (c) $5/6$ (d) $11/36$
18. If $4 \tan \theta = 3$, then the value of $\frac{4\sin\theta - \cos\theta}{4\sin\theta + \cos\theta}$ is-
- (a) $1/2$ (b) $1/3$ (c) $1/4$ (d) $1/5$

ASSERTION-REASONBASEDQUESTIONS

DIRECTION: In the following questions, a statement of assertion (A) is followed by a statement of Reason (R). Choose the correct answer out of the following choices.

- (a) Both A and R are true and R is the correct explanation of A.
- (b) Both A and R are true but R is not the correct explanation of A.
- (c) A is true but R is false.
- (d) A is false but R is true.

19. **Statement A (Assertion):** The number 6^n never end with digit 0 for any natural number n..

Statement R (Reason) : The number 9^n never end with digit 0 for any natural number n.

20. **Statement A (Assertion):** The value of y is 6, for which the distance between the points P(2, -3) and Q(10, y) is 10.

Statement R (Reason) : Distance between two given points A (x_1, y_1) and B (x_2, y_2) is given by

$$AB = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

SECTION – B

(This section comprises of very short answer type questions (VSA) of 2 mark each)

21. For what value of k given system of equation represent parallel lines $3x+2ky=2$ and $2x+5y=1$
22. XY and MN are the tangents drawn at the end points of the diameter DE of the circle with centre O . Prove that $XY \parallel MN$.
23. A metallic cube of edge 1 cm is drawn into a wire of diameter 4mm, then find length of wire.
24. A well whose diameter is 7m has been dug 22.5m deep and the earth dug out is used to form an embankment around it. If the height of embankment is 1.5m, find width of embankment.
25. Find A and B , if $\sin(A + 2B) = \sqrt{3}/2$ and $\cos(A + B) = 1/2$.

OR

If $(1 + \cos A)(1 - \cos A) = 3/4$, find the value of $\tan A$.

SECTION – C

(This section comprises of short answer type questions (SA) of 3 mark each)

26. Prove that $\sqrt{5}$ is an irrational number.
27. Find the zeroes of the quadratic polynomial $6x^2 - 7x - 3$ and verify the relationship between the zeroes and the coefficients of the polynomial.
28. A part of monthly hostel charges in a college is fixed and the remaining depends on the number of days one has taken food in the mess. When a student 'A' takes food for 22 days, he has to pay Rs. 1380 as hostel charges; whereas a student 'B', who takes food for 28 days, pays Rs. 1680 as hostel charges. Find the fixed charges and the cost of food per day.

OR

The ratio of income of two persons is $9 : 7$ and the ratio of their expenditure is $4 : 3$, if each of them manage to save Rs. 2000/month. Find their monthly incomes.

29. Prove that: $\frac{\sin\theta - \cos\theta + 1}{\sin\theta + \cos\theta - 1} = \frac{1}{\sec\theta - \tan\theta}$.

30. Prove that opposite side of quadrilateral circumscribing a circle subtend supplementary angles at the centre of the circle.

OR

Prove that a parallelogram circumscribing a circle is a rhombus.

31. One card is drawn at random from a well-shuffled deck of 52 playing cards. Find the probability that the card drawn is (i) either a red card or a king, (ii) neither a red card nor a queen.

SECTION – D

(This section comprises of long answer-type questions (LA) of 5 mark each)

32. Two water taps together can fill a tank in $9\frac{3}{8}$ hours. The tap of larger diameter takes 10 hours less than the smaller one to fill the tank separately. Find the time in which each tap can separately fill the tank.

OR

A rectangular park is to be designed whose breadth is 3 m less than its length. Its area is to be 4 square metres more than the area of a park that has already been made in the shape of an isosceles triangle with its base as the breadth of the rectangular park and of altitude 12 m. Find its length and breadth.

33. Prove that if a line is drawn parallel to one side of a triangle intersecting the other two sides in distinct points, then the other two sides are divided in the same ratio.

Using the above theorem prove that a line through the point of intersection of the diagonals and parallel to the base of the trapezium divides the non parallel sides in the same ratio.

34. A vessel is in the form of an inverted cone. Its height is 8 cm and the radius of its top which is open, is 5 cm. It is filled with water upto the brim. When lead shots, each of which is a sphere of radius 0.5 cm are dropped into the vessel, one-fourth of water flows out. Find the number of lead shots dropped into the vessel.

OR

A copper wire of diameter 8 mm is evenly wrapped on a cylinder of length 24 cm and diameter 49 cm to cover the whole surface. Find (i) the length of the wire (ii) the volume of the wire.

35. If the median of the distribution given below is 28.5, find the values of x and y.

Class	0-10	10-20	20-30	30-40	40-50	50-60	Total
Frequency	5	x	20	15	y	5	60

SECTION – D

(Case study based questions are compulsory.)

36. Anita's mother start a new shoe shop. To display the shoes, she put 3 pairs of shoes in 1st row, 5 pairs in 2nd row, 7 pairs in 3rd row and so on.

On the basis of above information, answer the following questions.

(i) If she puts a total of 120 pairs of shoes, then find the number of rows required.

(ii) What is the difference of pairs of shoes in 17th row and 10th row.

37. Find the length of the median drawn through A on BC of triangle ABC whose vertices are A(7,-3) B(5,3) and C(3,-1). And also find the distance of point A(7,-3) from centroid of triangle.

38. A 1.2 m tall girl spots a balloon moving with the wind in a horizontal line at a height of 88.2 m from the ground. The angle of elevation of the balloon from the eyes of the girl at any instant is 60° . After 30 seconds, the angle of elevation reduces to 30° .

Based on the above information, answer the following questions. (Take $\sqrt{3} = 1.732$)

(i) Find the distance travelled by the balloon during the interval.

(ii) Find the speed of the balloon



A SAHAY DAV PUBLIC SCHOOL, KANKE, RANCHI-6

SAMPLE PAPER-2 (SESSION- 2023-24)

CLASS – X

F.M - 80

SUB – MATHEMATICS (041)

TIME – 3 hrs

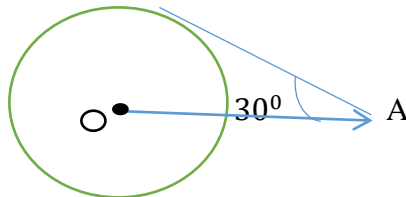
General Instructions:



1. This question paper contains-
five sections A, B, C, D and E. Each section is compulsory. However, there are internal choices in some questions.
2. **Section A** has 18 MCQ's and 02 Assertion-Reason based questions of 1 mark each.
3. **Section B** has 5 **Very Short Answer (VSA)-type** questions of 2 marks each.
4. **Section C** has 6 **Short Answer (SA)-type** questions of 3 marks each.
5. **Section D** has 4 **Long Answer (LA)-type** questions of 5 marks each.
6. **Section E** has 3 **source based/case based/passage based/integrated units of assessment** (4 marks each) with sub parts.
7. All Questions are compulsory. However, an internal choice in 2 Qs of 5 marks, 2 Qs of 3 marks and 2 Questions of 2 marks has been provided.
8. Draw neat figures wherever required. Take $\pi = 22/7$ wherever required if not stated.

SECTION – A

1. $\triangle ABC$ and $\triangle DEF$ are similar such that $2 AB = DE$ and $BC = 8\text{ cm}$, then the value of EF is
(a) 15 cm (b) 16 cm (c) 18 cm (d) None of these
2. If the circumference of a circle exceeds its diameter by 30 cm, then the radius of the circle is
(a) 7 cm (b) 8 cm (c) 4 cm (d) 6 cm
3. If the first term of an AP is 2 and common difference is 4, then the sum of its 40 terms is
(a) 3000 (b) 2800 (c) 3200 (d) None of these
4. The common difference of an AP in which $T_{18} - T_{14} = 32$ is
(a) 0 (b) 1 (c) 4 (d) 8
5. If $P(-2, 2)$ is the mid-point of the line segment joining $A(-5, b)$ and $B(b, 3)$, then the value of b is
(a) 0 (b) -1 (c) 1 (d) 2
6. In the given figure, AT is a tangent to the circle with centre O such that $OT = 4\text{ cm}$ and $\angle OAT = 30^\circ$.
(a) $\sqrt{3}$ (b) $2\sqrt{3}$ (c) 2 (d) None of these



7. The length of a tangent drawn to a circle, with radius 5 cm, from a point 13 cm away from the centre of the circle, is

- (a) 12cm (b) 10 cm (c) 13cm (d) None of these
8. In a lottery ticket, there are 10 prizes and 25 blanks, the probability of not getting a prize is
 (a) $\frac{7}{5}$ (b) $\frac{5}{7}$ (c) 1 (d) 0
9. If the graph of a quadratic polynomial does not intersect the X- axis , then the number of zeroes is
 (a) 2 (b) 1 (c) 0 (d) None of these
10. If the mean of first n natural numbers is $\frac{5n}{9}$, then the value of n is
 (a) 5 (b) 7 (c) 9 (d) 0
11. The centroid of ΔPQR whose vertices are P(-8,0), Q(5,5) and R(-3,-2) is
 (a) (-2,1) (b) (1,-2) (c) (2, 1) (d) (1,2)
12. The value of $2 \tan^2\theta + \cos^2\theta - 2$, if θ is an acute angle and $\sin\theta = \cos\theta$, is
 (a) 0 (b) 1 (c) $-\frac{1}{2}$ (d) $\frac{1}{2}$
13. In a rectangle ABCD, AB= 40 cm, $\angle BAC = 30^\circ$, then side BC is is
 (a) $\frac{40\sqrt{3}}{3}$ cm (b) $\frac{20\sqrt{3}}{3}$ cm (c) $\frac{20}{\sqrt{3}}$ cm (d) None of these
14. If α and β are zeroes of polynomial $f(x) = x^2 - 5x + k$ such that $\alpha - \beta = 1$, then the value of 4k is
 (a) 12 (b) 24 (c) 10 (d) 20
15. The HCF of 96 and 404 is
 (a) 0 (b) 4 (c) 2 (d) 12
16. $\frac{1 + \cot^2\theta}{1 + \tan^2\theta}$ is equal to
 (a) $\tan^2\theta$ (b) $\sec^2\theta$ (c) $\operatorname{cosec}^2\theta - 1$ (d) $1 - \sin^2\theta$
17. A wire is in the shape of a circle of radius 21 cm. It is bent in the form of a square. The side of square is
 (take $\pi = \frac{22}{7}$)
 (a) 22 cm (b) 33 cm (c) 44 cm (d) 66 cm
18. The area of a quadrant of a circle whose circumference is 20 cm, is
 (a) 127.27 cm^2 (b) 7.92 cm^2 (c) 79.2 cm^2 (d) None of these

ASSERTION-REASONBASED QUESTIONS

DIRECTION: In the following questions, a statement of assertion (A) is followed by a statement of Reason (R). Choose the correct answer out of the following choices.

- (e) Both A and R are true and R is the correct explanation of A.
- (f) Both A and R are true but R is not the correct explanation of A.
- (g) A is true but R is false.
- (h) A is false but R is true.

19. **Statement A (Assertion)** The distance of a point P (x,y) from the origin is $\sqrt{x^2 - y^2}$.
Statement R (Reason) If P (-1,1) is the mid-point of the line segment joining A (-3,b) and B (1,b+4), then the value of b is -1.
20. **Statement A (Assertion)** $n^2 - n$ is divisible by 2 for every positive integer.
Statement R (Reason) $\sqrt{2}$ is not a rational number.

SECTION B

Section B consists of 5 questions of 2 marks each

21. A right circular cone of radius 3 cm had a curved surface area of 47.1 cm^2 . Find the volume of cone.
 (take $\pi = 3.14$)

22. Solve quadratic equation: $9x^2 - 15x + 6 = 0$.

OR

Solve quadratic equation: $9x^2 - 3(a+b)x + ab = 0$

23. Prove that the tangent at the extremities of any chord make equal angle with the chord.

OR

Prove that the angle between two tangents drawn from an external point and angle formed by them at the centre are supplementary.

24. If $\cos \theta = \frac{\sqrt{3}}{2}$, then find the value of $\frac{1}{\tan \theta} + \frac{\sin \theta}{1 + \cos \theta}$.

25. If the $\Delta ABC \sim \Delta DEF$ such that $DE = 6$ cm, $EF = 4$ cm, $DF = 5$ cm and $BC = 8$ cm, then find perimeter of ΔABC .

SECTION C

Section C consists of 6 questions of 3 marks each.

26. Prove that $\frac{\sin \theta}{1 - \cos \theta} = \operatorname{cosec} \theta + \cot \theta$.

OR

Prove that $\frac{\sin \theta - 2\sin^3 \theta}{2\cos^3 \theta - \cos \theta} = \tan \theta$.

27. If 10th terms of an A.P is 52 and 17th terms is 20 more than 13th terms find the A.P.

28. If point $(p, q); (m, n)$ and $(p-m, q-n)$ are collinear, then show that $pn = qm$.

29. A two digit number is such that the product of digits is 12, when 36 is added to the number digit interchange their places. Formulate the quadratic equation and find roots of the quadratic equation.

OR

Find value of k for which the given equation has real and equal roots. $(k+1)x^2 - 2(k-1)x + 1 = 0$

30. A boat goes 12 km upstream and 40 km downstream in 8 hrs. It can go 16 km upstream and 32 km downstream in the same time. Find the speed of stream.

31. What is the smallest number that when divided by 35, 56 and 91 leaves remainder 7 in each case.

SECTION-D

Section D consists of 4 questions of 5 marks each.

32. Solve: $\frac{5}{x-1} + \frac{1}{y-2} = 2$, $\frac{6}{x-1} - \frac{3}{y-2} = 1$.

OR

Solve: $21x + 47y = 110$, $47x + 21y = 162$.

33. If the mean of the following distribution is 54, find value of p .

Class	0-20	20-40	40-60	60-80	80-100
Frequency	7	p	10	9	13

OR

If mean of the following distribution is 50, find missing frequency.

Class	0-20	20-40	40-60	60-80	80-100	Total
Frequency	17	x	32	y	19	120

34. Water in a canal 1.5m wide and 6 m deep is flowing with a speed of 10km/hr .How much area will it irrigate in 30 min if 8 cm of standing water is required ?
35. A person standing on the bank of a river , observe that the angle subtended by a tree on the opposite bank is 60° .When he retreats 20m from the bank , he finds the angle to be 30° . Find the height of the tree and the breadth of the river.

SECTION- E

Case study based questions are compulsory

36. An army pilot is flying an aeroplane at an altitude of 1200m observes some suspicious activity of two ships which are sailing towards it in the same directions and immediately report it to the navy chief . The angle of depression of the ships as observed from the aeroplane are 60° and 30° respectively.

On the basis of above information , answer the following questions –

- (i) Find the distance between two ships.
 (ii) Find the distance of each ships from the plane ?
- 37.A wooden article was made by scooping out a hemisphere from one end of a cylinder and cone from the other end .If the height of the cylinder is 40cm, radius of the cylinder is 7cm and height of the cone is 24cm.

On the basis of above information , answer the following questions-

- (i) Find total volume of article .
 (ii) Find CSA of the cone .
 (iii) Find volume of hemisphere .
38. One day a child invited some friends in their house and they want to play some fun game . So, they considered block in the shape of a cube with one letter /number written on each face as shown below –



On the basis of above information , answer the following questions-

- (i)Find the probability of getting an alphabet .
 (ii) Find the probability of getting a prime number.
 (iii) Find the probability of getting a vowel.

नीरजा सहाय, डी.ए.वी पब्लिक स्कूल, कांके राँची
पूजावकाश गृह कार्य 2023-24

कक्षा – दसवीं

निर्धारित समय : 3 घंटे

पूर्णांक : 80

सामान्य निर्देश :

- (1) इस प्रश्नपत्र में दो खंड हैं- खंड 'क' और ख'। खंड-क में वस्तुपरक/बहुविकल्पी और खंड-ख में वस्तुनिष्ठ/वर्णनात्मक प्रश्न दिए गए हैं।
- (2) प्रश्नपत्र के दोनों खंडों में प्रश्नों की संख्या 17 है और सभी प्रश्न अनिवार्य हैं।
- (3) यथासंभव सभी प्रश्नों के उत्तर क्रमानुसार लिखिए।
- (4) खंड 'क' में कुल 10 प्रश्न हैं, जिनमें उपप्रश्नों की संख्या 49 है। दिए गए निर्देशों का पालन करते हुए 40 उपप्रश्नों के उत्तर देना अनिवार्य है।
- (5) खंड 'ख' में कुल 7 प्रश्न हैं, सभी प्रश्नों के साथ उनके विकल्प भी दिए गए हैं। निर्देशानुसार विकल्प का ध्यान रखते हुए सभी प्रश्नों के उत्तर दीजिए।

खंड - अ (बहुविकल्पी/ वस्तुपरक प्रश्न)

प्रश्न 1. निम्नलिखित गद्यांश पर आधारित बहुविकल्पी प्रश्नों के सर्वाधिक उपयुक्त विकल्प चुनकर लिखिए- (1x5=5)

‘घर’ जैसा छोटा-सा शब्द भावात्मक दृष्टि से बहुत विशाल होता है। इस आधार पर मकान, भवन, फ्लैट, कमरा, कोठी, बँगला आदि इसके समानार्थी बिलकुल भी नहीं लगते हैं क्योंकि इनका सामान्य संबंध दीवारों, छतों और बाहरी व आंतरिक साज-सज्जा तक सीमित होता है, जबकि घर प्यार-भरोसे और रिश्तों की मिठास से बनता है। एक आदर्श घर वही है, जिसमें प्रेम व भरोसे की दीवारें, आपसी तालमेल की छतें, रिश्तों की मधुरता के खिले-खिले रंग, स्नेह, सम्मान व संवेदनाओं की सज्जा हो। घर में भावात्मकता है, वह भावात्मकता, जो संबंधों को महकाकर परिवार को जोड़े रखती है। यह बात हमें अच्छी तरह याद रखनी चाहिए कि जब रिश्ते महकते हैं, तो घर महकता है, प्यार अठखेलियाँ करता है, तो घर अठखेलियाँ करता है, रिश्तों का उल्लास घर का उल्लास होता है, इसलिए रिश्ते हैं, तो घर है और रिश्तों के बीच बहता प्रेम घर की नींव है। यह नींव जितनी मज़बूत होगी, घर उतना ही मज़बूत होगा। न जाने क्यों, आज का मनुष्य संवेदनाओं से दूर होता जा रहा है, उसके मन की कोमलता, कठोरता में बदल रही है; दिन-रात कार्य में व्यस्त रहने और धनोपार्जन की अति तीव्र लालसा से उसके अंदर मशीनियत बढ़ रही है, इसलिए उसके लिए घर के मायने बदल रहे हैं; उसकी अहमियत बदल रही है, इसी कारण आज परिवार में आपसी कलह, द्वंद्व आदि बढ़ रहे हैं। आज की पीढ़ी प्राइवेट (वैयक्तिकता) के नाम

पर एकाकीपन में सुख खोज रही है। उसकी सोच 'मेरा कमरा, मेरी दुनिया' तक सिमट गई है। एक छत के नीचे रहते हुए भी हम एकाकी होते जा रहे हैं। काश, सब घर की अहमियत समझें और अपना अहं हटाकर घर को घर बनाए रखने का प्रयास करें।

(1) भावात्मक दृष्टि से घर जैसे छोटे-से शब्द की 'विशालता' में निहित हैं-

कथन पढ़कर सही विकल्प का चयन कीजिए-

कथन

- (i) प्रेम, विश्वास, नातों का माधुर्य व संवेदनाएँ
- (ii) आकर्षक बनावट, सुंदर लोग, वैभव व संपन्नता
- (iii) सुंदर रंग संयोजन, आंतरिक सजावट एवं हरियाली
- (iv) स्नेह, सम्मान, सरसता, संवेदनाएँ, संपन्नता व साज-सज्जा

विकल्प

- (क) कथन i सही है।
- (ख) कथन i व ii सही है।
- (ग) कथन ii व iii सही हैं।
- (घ) कथन iii व iv सही हैं।

(2) सामान्य रूप में मकान, भवन, फ़्लैट, कमरा, कोठी आदि शब्दों का संबंध किससे होता है?

- (क) हृदय की भावनाओं से
- (ख) वैभव और समृद्धि से
- (ग) स्थानीय सुविधाओं से
- (घ) बनावट व सजावट से

(3) आज की पीढ़ी को सुख किसमें दिखाई दे रहा है?

- (क) निजी जीवन व एकांतिकता में
- (ख) पारिवारिक भावात्मक संबंधों में
- (ग) बिना मेहनत सब कुछ मिल जाने में
- (घ) धन कमाने के लिए जी तोड़ मेहनत करने में

(4) गद्यांश में प्रेम को घर का क्या बताया गया है?

- (क) आभूषण
- (ख) आधार
- (ग) भरोसा
- (घ) उल्लास

(5) कथन (A) और कारण (R) को पढ़कर उपयुक्त विकल्प चुनिए-

कथन (A) - आदमी के अंदर संवेदनाओं की जगह मशीनियत बढ़ती जा रही है।

कारण (R) - व्यस्तता और अर्थोपार्जन की अति महत्वाकांक्षा ने उसे यहाँ तक पहुँचा दिया है।

(क) कथन (A) गलत है, किंतु कारण (R) सही है।

(ख) कथन (A) और कारण (R) दोनों ही गलत हैं।

(ग) कथन (A) सही है और कारण (R) कथन (A) की सही व्याख्या है।

(घ) कथन (A) सही है, किंतु कारण (R) कथन (A) की सही व्याख्या नहीं है।

प्रश्न 2. निम्नलिखित दो पद्यांशों में से किसी एक पर आधारित बहुविकल्पी प्रश्नों के सर्वाधिक उपयुक्त विकल्प चुनकर लिखिए- (1x5=5)

सच हम नहीं, सच तुम नहीं, सच है महज संघर्ष ही।।

संघर्ष से हटकर जिए तो क्या जिए हम या कि तुम

जो नत हुआ, वह मृत हुआ, ज्यों वृत् से झरकर कुसुम

जो पंथ भूल रुका नहीं,

जो हार देख झुका नहीं,

जिसने मरण को भी लिया हो जीत, है जीवन वही।। सच हम नहीं...

ऐसा करो जिससे न प्राणों में कहीं जड़ता रहे।

जो है जहाँ चुपचाप अपने आप से लड़ता रहे।

जो भी परिस्थितियाँ मिलें,

काँटे चुभें, कलियाँ खिलें,

टूटे नहीं इनसान, बस संदेश यौवन का यही।। सच हम नहीं...

अपने हृदय का सत्य अपने आप हमको खोजना।

अपने नयन का नीर अपने आप हमको पौछना।

आकाश सुख देगा नहीं,

धरती पसीजी है कहीं!

हर एक राही को भटककर ही दिशा मिलती रही।। सच हम नहीं...

-जगदीश गुप्त

(1) इस कविता के केंद्रीय भाव हेतु दिए गए कथनों को पढ़कर सबसे सही विकल्प चुनिए-

कथन

- (i) प्रतिकूलता के विरुद्ध जूझते हुए बढ़ना ही जीवन की सच्चाई है।
- (ii) परिस्थितियों से समझौता करके जोखिमों से बचना ही उचित है।
- (iii) लक्ष्य-संधान हेतु मार्ग में भटक जाने का भय त्याग देना चाहिए।
- (iv) जीवन में 'अपने छाले, खुद सहलाने' का दर्शन अपनाना चाहिए।

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- (क) कथन ii सही है।
- (ख) कथन i व iii सही हैं।
- (ग) कथन i, iii व iv सही हैं।
- (घ) कथन i, ii, iii व iv सही हैं।

(2) मरण अर्थात् मृत्यु को जीतने का आशय है-

- (क) साधुता व साधना से अमरत्व प्राप्त करना
- (ख) योगाभ्यास व जिजीविषा से दीर्घायु हो जाना
- (ग) अर्थ, बल व दृढ़ इच्छाशक्ति से जीवन को कष्टमुक्त करना
- (घ) जीवन व जीवन के बाद भी आदर्श रूप में स्मरण किया जाना

(3) 'आकाश सुख देगा नहीं, धरती पसीजी है कहीं...' का अर्थ है कि-

- (क) आकाश और धरती दोनों में संवेदनशीलता नहीं है।
- (ख) ईश्वर उदार है, अतः वही सुख देता है, वही पसीजता है।
- (ग) जुझारू बनकर स्वयं ही जीवन के दुख दूर किए जा सकते हैं।
- (घ) सामूहिक प्रयत्नों से ही संकट की स्थिति से निकला जा सकता है।

(4) अपने आप से लड़ने का अर्थ है-

- (क) अपनी अच्छाइयों व बुराइयों से भलीभाँति परिचित होना
- (ख) किसी मुद्दे पर दिल और दिमाग का अलग-अलग सोचना
- (ग) अपने किसी गलत निर्णय के लिए स्वयं को संतुष्ट कर लेना
- (घ) अपनी दुर्बलताओं की अनदेखी न करके उन्हें दृढ़ता से दूर करना

(5) युवावस्था हमें सिखाती है कि-

कथन पढ़कर सही विकल्प का चयन कीजिए-

कथन

- (i) स्वयं को चैतन्य, गतिशील, आत्मआलोचक व आशावादी बनाए रखें।
- (ii) सजग रहें; जीवन में कभी कठिन परिस्थितियाँ उत्पन्न ही न होने दें।
- (iii) सुख-दुख, उतार-चढ़ाव को भाग्यवादी बनकर स्वीकार करना सीखें।
- (iv) प्रतिकूल परिस्थितियों के आगे घुटने न टेकें; बल्कि दो-दो हाथ करें।

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- (क) कथन i व ii सही हैं।
- (ख) कथन i व iv सही हैं।
- (ग) कथन ii व iii सही हैं।
- (घ) कथन iii व iv सही हैं।

अथवा

‘फसल’ किसान के कच्चे-अधपके

सपनों की लहलहाती आस है

यह उसके हृदय की गहराइयों में

अंकुरित एक विश्वास है

यह विश्वास है-

ढही हुई दीवार की चिनाई का

अट्ठारह पार कर चुकी बेटी की सगाई का

परचूनिए की उधारी चुकाने का

मन के सपनों को नए परिधान पहनाने का

इसी विश्वास की सलामती के लिए

वह मूँदता है आँखें

दिन में न जाने कितनी बार...

और दुआएँ प्रेषित करता है ऊपर तक

भरोसे और आशंका की रस्साकशी में

न जाने कितनी बार वह जागता है नींद से

और जगा देना चाहता है उस परमात्मा को भी
जिसके बारे में सुनता आया है कि सभी कुछ उसके ही हाथ है...
और इसीलिए जब फसल सौंधियाती है
असल में, किसान के सपने सौंधियाते हैं
और फसल घर आ जाने पर, सपने पक जाते हैं...

-डॉ. विनोद 'प्रसून'

**(1) फसल को किसानों के कच्चे-अधपके सपनों की लहलहाती आस कहने का कारण है-
कथन पढ़कर सही विकल्प का चयन कीजिए-**

कथन

- (i) फसल देखकर बैंकों से सस्ते ब्याज पर ऋण सरलता से मिल जाना
- (ii) फसल से किसान के स्वप्नों की संबद्धता और भावात्मक लगाव होना
- (iii) फसल से जुड़े निराई, सिंचाई, कटाई, गहाई, भंडारण आदि के सपने देखना
- (iv) फसल से ही जीवन की जरूरी इच्छाओं के साकार होने की संभावना जुड़ी होना

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- (क) कथन i व ii सही हैं।
- (ख) कथन ii व iii सही हैं।
- (ग) कथन ii व iv सही हैं।
- (घ) कथन iii व iv सही हैं।

(2) किसान के हृदय की गहराइयों में अंकुरित हुए विश्वास की परिधि में आते हैं-

- (क) कुछ पाकर सामाजिक कार्य करने की इच्छाएँ
- (ख) अति आवश्यक कार्य एवं मन के भावात्मक सपने
- (ग) आधुनिक कृषि यंत्र आदि जुटा लेने की अभिलाषाएँ
- (घ) कठिन समय के लिए कुछ बचाकर रखने की योजनाएँ

(3) 'दुआएँ प्रेषित करता है ऊपर तक' का आशय है-

- (क) ईश्वर को प्रसन्न करने के लिए व्रत-उपवास रखना
- (ख) सामूहिक यज्ञ करके फसल की कुशलता की कामना करना
- (ग) फसल की कुशलता हेतु मन ही मन ईश्वर से प्रार्थना करना
- (घ) निवेदन को ग्राम्य विकास से जुड़े अधिकारियों तक पहुँचाना

(4) 'भरोसे और आशंका की रस्साकशी में' पंक्ति के आधार पर किसान की मनोदशा से जुड़ा सही विकल्प है-

- (क) ईश्वर पर अटूट विश्वास कि वे फ़सल को कोई हानि नहीं होने देंगे
- (ख) ईश्वर पर विश्वास, किंतु फ़सल की कुशलता को लेकर मन आशंकित रहना
- (ग) परिश्रम पर पूर्ण विश्वास, किंतु 'भाग्य में क्या लिखा है' इससे सदा आशंकित रहना
- (घ) स्वयं पर भरोसा करना, किंतु प्राकृतिक आपदाओं की आशंका से सदैव भयभीत बने रहना

(5) कथन (A) और कारण (R) को पढ़कर उपयुक्त विकल्प चुनिए-

कथन (A) - किसान अपनी फ़सल के साथ भावात्मक रूप से जुड़ा होता है।

कारण (R) - व्यवसाय और व्यवसायी के बीच ऐसे संबंध स्वाभाविक हैं।

- (क) कथन (A) गलत है, किंतु कारण (R) सही है।
- (ख) कथन (A) और कारण (R) दोनों ही गलत हैं।
- (ग) कथन (A) सही है और कारण (R) कथन (A) की सही व्याख्या है।
- (घ) कथन (A) सही है, किंतु कारण (R) कथन (A) की सही व्याख्या नहीं है।

प्रश्न 3. निर्देशानुसार 'रचना के आधार पर वाक्य भेद' पर आधारित पाँच बहुविकल्पी प्रश्नों में से किन्हीं चार प्रश्नों के उत्तर दीजिए-

(1x4=4)

(1) 'न तो तुम वहाँ जा सके, न ही मैं।' इसका सरल वाक्य होगा-

- (क) तुम और मैं दोनों ही वहाँ नहीं जा सके।
- (ख) तुम भी वहाँ नहीं जा सके और मैं भी वहाँ नहीं जा सका।
- (ग) यद्यपि तुम और मैं वहाँ जा सकते थे, फिर भी नहीं जा सके।
- (घ) चूँकि तुम वहाँ नहीं जा सके, इसलिए मैं भी वहाँ नहीं जा सका।

(2) 'सूर्योदय होते ही प्रकृति का सौंदर्य खिल उठता है।' इसका संयुक्त वाक्य होगा-

- (क) सूर्योदय होने पर प्रकृति का सौंदर्य खिल उठता है।
- (ख) सूर्योदय होता है और प्रकृति का सौंदर्य खिल उठता है।
- (ग) जब सूर्योदय होता है, तब प्रकृति का सौंदर्य खिल उठता है।
- (घ) क्योंकि सूर्योदय होता है, इसलिए प्रकृति का सौंदर्य खिल उठता है।

(3) आपके आवाज़ उठाने पर सभी आपके साथ खड़े हो जाएँगे। इसका मिश्र वाक्य होगा-

- (क) आपके आवाज़ उठते ही सभी आपके साथ खड़े हो जाएँगे।
(ख) आप आवाज़ उठाएँगे, तो सभी आपके साथ खड़े हो जाएँगे।
(ग) आप आवाज़ उठाएँगे और सभी आपके साथ खड़े हो जाएँगे।
(घ) आप आवाज़ उठाएँगे इसलिए सभी आपके साथ खड़े हो जाएँगे।

(4) निम्नलिखित वाक्यों में मिश्र वाक्य पहचानकर नीचे दिए गए सबसे सही विकल्प को चुनिए-

- (i) आप कह सकते थे कि यह गलती आपने नहीं की है।
(ii) यदि आप अपना पक्ष रखते, तो अवश्य ही निर्दोष सिद्ध होते।
(iii) जब आपने गलती की ही नहीं है, तो उसका दंड आपको क्यों मिलेगा?
(iv) चूँकि दोषी कोई और है इसलिए आप यह दोष अपने ऊपर बिलकुल मत लीजिए।

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- (क) केवल कथन i सही है।
(ख) कथन ii व iii सही हैं।
(ग) कथन iii व iv सही हैं।
(घ) कथन i, ii, iii व iv सही हैं।

(5) कॉलम 1 को कॉलम 2 के साथ सुमेलित कीजिए और सही विकल्प चुनकर लिखिए-

कॉलम 1	कॉलम 2
(1) बिल्ली आई और दूध पी गई।	(i) सरल वाक्य
(2) यदि दूध बाहर न रखा होता, तो बिल्ली ऐसा नहीं कर पाती।	(ii) संयुक्त वाक्य
(3) हमें बिल्ली का जूठा दूध फेंकना पड़ा।	(iii) मिश्र वाक्य

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- (क) 1-iii, 2-i, 3-ii
(ख) 1-ii, 2-iii, 3-i
(ग) 1-ii, 2-i, 3-iii
(घ) 1-ii, 2-i, 3-iii

प्रश्न 4. निर्देशानुसार 'वाच्य' पर आधारित पाँच बहुविकल्पी प्रश्नों में से किन्हीं चार प्रश्नों के उत्तर दीजिए- (1×4=4)

(1) कॉलम 1 को कॉलम 2 के साथ सुमेलित कीजिए और सही विकल्प चुनकर लिखिए-

कॉलम 1	कॉलम 2
(1) भारत द्वारा मैच जीत लिया गया।	(i) कर्तृवाच्य
(2) गेंदबाजों ने मैच में बेहतरीन प्रदर्शन किया।	(ii) कर्मवाच्य
(3) विपक्षी बल्लेबाजों से क्रीड़ा पर रुका नहीं जा सका।	(iii) भाववाच्य

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(क) 1-ii, 2-i, 3-iii

(ख) 1-i, 2-iii, 3-ii

(ग) 1-ii, 2-iii, 3-i

(घ) 1-i, 2-ii, 3-iii

(2) इनमें कर्मवाच्य का उदाहरण है-

(क) रवीना गज़ल नहीं गा पाती है।

(ख) रवीना से गज़ल नहीं गाई जाती है।

(ग) रवीना पैदल नहीं चल पाती है।

(घ) रवीना से पैदल नहीं चला जाता है।

(3) इनमें कर्तृवाच्य का उदाहरण है-

(क) चलो, अब घर चलें।

(ख) चलो, अब घर चला जाए।

(ग) कैरम के बाद अब शतरंज खेली जाए।

(घ) हमारे द्वारा शतरंज खेली जा सकती है।

(4) 'दादी जी पढ़ नहीं सकती।' इसका भाववाच्य होगा-

(क) दादी जी कुछ भी पढ़ नहीं पाएँगी।

(ख) दादी जी से पढ़ा नहीं जा सकेगा।

(ग) दादी जी से पढ़ा नहीं जा सकता।

(घ) दादी जी कुछ भी पढ़ नहीं पाती हैं।

(5) 'बिना सहारे बूढ़ी माँ से अब चला नहीं जाता है।' इसका कर्तृवाच्य होगा-

- (क) बिना सहारे बूढ़ी माँ अब चल नहीं सकेंगी।
- (ख) बिना सहारे बूढ़ी माँ अब चल नहीं पाती हैं।
- (ग) बिना सहारे बूढ़ी माँ अब चल नहीं पाएँगी।
- (घ) बिना सहारे बूढ़ी माँ अब चल नहीं सकती हैं।

प्रश्न 5. निर्देशानुसार 'पद परिचय' पर आधारित पाँच बहुविकल्पी प्रश्नों में से किन्हीं चार प्रश्नों के उत्तर दीजिए- (1x4=4)

(1) 'चारों ओर छाई हरियाली मनमोहक लग रही थी।' रेखांकित अंश का पद-परिचय होगा-

- (क) भाववाचक संज्ञा, स्त्रीलिंग, एकवचन, कर्ता कारक
- (ख) भाववाचक संज्ञा, स्त्रीलिंग, बहुवचन, कर्म कारक
- (ग) जातिवाचक संज्ञा, स्त्रीलिंग, एकवचन, कर्ता कारक
- (घ) व्यक्तिवाचक संज्ञा, स्त्रीलिंग, एकवचन, कर्ता कारक

(2) 'झाड़वर ने जोर से ब्रेक मारे।' रेखांकित अंश का पद-परिचय होगा-

- (क) रीतिवाचक क्रियाविशेषण, विशेष्य क्रिया-मारे
- (ख) स्थानवाचक क्रियाविशेषण, विशेष्य क्रिया-मारे
- (ग) कालवाचक क्रियाविशेषण, विशेष्य क्रिया- मारे
- (घ) परिमाणवाचक क्रियाविशेषण, विशेष्य क्रिया- मारे

(3) 'यह पुस्तक मैंने तब खरीदी थी, जब मैं पंद्रह वर्ष का था।' रेखांकित अंश का पद-परिचय होगा-

- (क) संकेतवाचक सर्वनाम, एकवचन, पुल्लिंग
- (ख) सार्वनामिक विशेषण, विशेष्य- पुस्तक
- (ग) निपात, वाक्य के अर्थ को बल दे रहा है
- (घ) परिमाणवाचक विशेषण, विशेष्य-पुस्तक

(4) 'हालदार साहब ने पान खाया।' रेखांकित अंश का पद-परिचय होगा-

- (क) अकर्मक क्रिया, सामान्य भूतकाल, कर्तृवाच्य
- (ख) सकर्मक क्रिया, कर्म-पान, सामान्य भूतकाल, कर्तृवाच्य
- (ग) प्रेरणार्थक क्रिया, कर्म-पान, सामान्य भूतकाल, कर्तृवाच्य
- (घ) द्विकर्मक क्रिया, कर्म-पान, हालदार साहब, सामान्य भूतकाल, कर्तृवाच्य

(5) कुछ लड़के बाहर खेल रहे हैं। चाय में कुछ पड़ा है। दोनों वाक्यों के कुछ का सामान्य पद-परिचय होगा-

- (क) पहला कुछ- सार्वनामिक विशेषण, दूसरा कुछ- अनिश्चित संख्यावाचक विशेषण
(ख) पहला कुछ- अनिश्चयवाचक सर्वनाम, दूसरा कुछ- अनिश्चित संख्यावाचक विशेषण
(ग) पहला कुछ- अनिश्चित संख्यावाचक विशेषण, दूसरा कुछ- अनिश्चयवाचक सर्वनाम
(घ) पहला कुछ- अनिश्चित परिमाणवाचक विशेषण, दूसरा कुछ- निश्चयवाचक सर्वनाम

प्रश्न 6. निर्देशानुसार 'अलंकार' पर आधारित पाँच बहुविकल्पी प्रश्नों में से किन्हीं चार प्रश्नों के उत्तर दीजिए- (1x4=4)

(1) "अर्थ बिना कब पूर्ण हैं, शब्द, सकल जग-काज।

अर्थ अगर आ जाए तो, ठाठ-बाट औ' राज।।" इस दोहे में प्रयुक्त अलंकार है-

- (क) श्लेष (ख) उत्प्रेक्षा
(ग) मानवीकरण (घ) अतिशयोक्ति

(2) "कैसे कलुषित प्राण हो गए।

मानो मन पाषाण हो गए।।" इन काव्य-पंक्तियों में प्रयुक्त अलंकार है-

- (क) श्लेष (ख) उत्प्रेक्षा
(ग) मानवीकरण (घ) अतिशयोक्ति

(3) "इधर उठाया धनुष क्रोध में और चढ़ाया उस पर बाण।

धरा, सिंधु, नभ काँपे सहसा, विकल हुए जीवों के प्राण।।" इन काव्य-पंक्तियों में प्रयुक्त अलंकार है-

- (क) श्लेष (ख) उत्प्रेक्षा
(ग) मानवीकरण (घ) अतिशयोक्ति

(4) "एक दिवस सूरज ने सोची, छुट्टी ले लेने की बात।

सोचा कुछ पल सुकूँ मिलेगा, चलने दो धरती पर रात।।" इन काव्य-पंक्तियों में प्रयुक्त अलंकार है-

- (क) श्लेष (ख) उत्प्रेक्षा
(ग) मानवीकरण (घ) अतिशयोक्ति

(5) "कहती हुई यों उत्तरा के नेत्र जल से भर गए।

हिमकणों से पूर्ण मानो हो गए पंकज नए।।" इन काव्य-पंक्तियों में प्रयुक्त अलंकार है-

- (क) श्लेष (ख) उत्प्रेक्षा
(ग) मानवीकरण (घ) अतिशयोक्ति

प्रश्न 7. निम्नलिखित पठित गद्यांश पर आधारित बहुविकल्पी प्रश्नों के सर्वाधिक उपयुक्त विकल्प चुनकर लिखिए- (1x5=5)

कुछ नहीं पूछ पाए हालदार साहब। कुछ पल चुपचाप खड़े रहे, फिर पान के पैसे चुकाकर जीप में आ बैठे और रवाना हो गए। बार-बार सोचते, क्या होगा उस कौम का जो अपने देश की खातिर घर-गृहस्थी-जवानी-ज़िंदगी सब कुछ होम देने वालों पर भी हँसती है और अपने लिए बिकने के मौके ढूँढती है। दुखी हो गए। पंद्रह दिन बाद फिर उसी कस्बे से गुजरे। कस्बे में घुसने से पहले ही खयाल आया कि कस्बे की हृदयस्थली में सुभाष की प्रतिमा अवश्य ही प्रतिष्ठापित होगी, लेकिन सुभाष की आँखों पर चश्मा नहीं होगा।...क्योंकि मास्टर बनाना भूल गया।...और कैप्टन मर गया। सोचा, आज वहाँ रुकेंगे नहीं, पान भी नहीं खाएँगे, मूर्ति की तरफ़ देखेंगे भी नहीं, सीधे निकल जाएँगे। ड्राइवर से कह दिया, चौराहे पर रुकना नहीं, आज बहुत काम है, पान आगे कहीं खा लेंगे। लेकिन आदत से मजबूर आँखें चौराहा आते ही मूर्ति की तरफ़ उठ गईं। कुछ ऐसा देखा कि चीखे, रोको! जीप स्पीड में थी, ड्राइवर ने जोर से ब्रेक मारे। रास्ता चलते लोग देखने लगे। जीप रुकते-न-रुकते हालदार साहब जीप से कूदकर तेज़-तेज़ कदमों से मूर्ति की तरफ़ लपके और उसके ठीक सामने जाकर अटेंशन में खड़े हो गए। मूर्ति की आँखों पर सरकंडे से बना छोटा-सा चश्मा रखा हुआ था, जैसा बच्चे बना लेते हैं। हालदार साहब भावुक हैं। इतनी-सी बात पर उनकी आँखें भर आईं।

(1) हालदार साहब क्या सोचकर दुखी हो गए?

- (क) नेता जी की मूर्ति की आँखों पर चश्मा न देखकर
(ख) देशभक्तों का मज़ाक उड़ाने वाली बिकाऊ कौम को देखकर
(ग) घर-गृहस्थी, जवानी-ज़िंदगी आदि की बीती हुई बातें सोचकर
(घ) देश में अलग-अलग कौमों की विचारधारा में बहुत अंतर देखकर

(2) 'सुभाष चंद्र बोस की मूर्ति की आँखों पर चश्मा नहीं होगा...।' हालदार साहब ऐसा क्यों सोच रहे थे?

- (क) कैप्टन के सारे चश्मे बिक जाने के कारण
- (ख) कैप्टन के गंभीर रूप से बीमार हो जाने के कारण
- (ग) मूर्तिकार मास्टर की भूल और कैप्टन की मृत्यु के कारण
- (घ) नटखट बच्चों द्वारा चश्मा बार-बार उतार दिए जाने के कारण

(3) हालदार साहब की आदत से मजबूर आँखों ने क्या किया?

- (क) चौराहे पर आते ही पान की दुकान खोजने लगीं
- (ख) उन्होंने कैप्टन का स्मरण किया और वे नम हो गईं
- (ग) चौराहे पर आते ही स्वभावतः मूर्ति की ओर उठ गईं
- (घ) बाँस पर चश्मे लगाकर उन्हें बेचते हुए कैप्टन को खोजने लगीं

(4) हालदार साहब क्यों चीख पड़े?

- (क) पानवाले का बदला हुआ व्यवहार देखकर
- (ख) नेता जी की मूर्ति पर सरकंडे का चश्मा लगा देखकर
- (ग) नेता जी की मूर्ति के पास बहुत सारे बच्चों को एकत्र देखकर
- (घ) ड्राइवर के द्वारा उनके आदेश का पालन न किए जाने के कारण

(5) सरकंडे से बना छोटा-सा चश्मा किस बात का प्रतीक था?

- (क) राष्ट्रीय धरोहरों को संरक्षण देने का
- (ख) हस्तकला के प्रति बढ़ रहे अनुराग का
- (ग) देशभक्तों के प्रति श्रद्धा व सम्मान का
- (घ) सरकंडे जैसी वनस्पति को संरक्षित करने का

प्रश्न 8. गद्य पाठों के आधार पर निम्नलिखित दो बहुविकल्पी प्रश्नों के सर्वाधिक उपयुक्त विकल्प चुनकर लिखिए- (1x2=2)

(1) बालगोबिन भगत साधु की सभी परिभाषाओं पर किन गुणों के कारण खरे उतरते थे?

- (क) मधुर गायन, खेतीबाड़ी करना, गांधीवादी दर्शन, सारा समय पूजा पाठ में बिताना
- (ख) मृत्यु से न घबराना, हर समय भजन में लीन रहना, बेटे व बहू से बहुत प्रेम करना
- (ग) सात्त्विक गृहस्थ जीवन, सत्यवादिता, शुद्ध व्यवहार, कबीर दर्शन से सज्जित आत्मा
- (घ) आस्तिकता, समाज-सेवा, प्रतिदिन मंदिर जाना, रास्ते में जो भी मिले, उसे उपदेश देना

(2) काशी को संस्कृति की पाठशाला इसलिए कहा गया है क्योंकि -

(क) यहाँ के लोग अपने बच्चों को धार्मिक संस्कार देते हैं।

(ख) यहीं से सांस्कृतिक संरक्षण अभियान का शुभारंभ हुआ था।

(ग) यहाँ गली-गली में पाठशालाएँ हैं, जिनमें संस्कार सिखाए जाते हैं।

(घ) यह विद्वानों, कला-मर्मज्ञों, कलाकारों, स्नेह व सद्भावना की पावन स्थली है।

प्रश्न 9. निम्नलिखित पठित पद्यांश पर आधारित बहुविकल्पी प्रश्नों के सर्वाधिक उपयुक्त विकल्प चुनकर लिखिए- (1x5=5)

तारसप्तक में जब बैठने लगता है उसका गला
प्रेरणा साथ छोड़ती हुई उत्साह अस्त होता हुआ
आवाज़ से राख जैसा कुछ गिरता हुआ
तभी मुख्य गायक को ढाँढस बँधाता
कहीं से चला आता है संगतकार का स्वर
कभी-कभी वह यों ही दे देता है उसका साथ
यह बताने के लिए कि वह अकेला नहीं है
और यह कि फिर से गाया जा सकता है
गाया जा चुका राग
और उसकी आवाज़ में जो एक हिचक साफ़ सुनाई देती है
या अपने स्वर को ऊँचा न उठाने की जो कोशिश है
उसे विफलता नहीं
उसकी मनुष्यता समझा जाना चाहिए।

(1) 'तारसप्तक में जब बैठने लगता है उसका गला' इस पंक्ति में 'उसका' शब्द किसके लिए प्रयोग किया गया है?

(क) संगतकार के लिए

(ख) प्रधान गायक के लिए

(ग) गाने के इच्छुक संगीत प्रेमियों के लिए

(घ) वाद्ययंत्र बजाने वाले कलाकारों के लिए

(2) संगतकार का स्वर मुख्य गायक की सहायता कब करता है?

- (क) जब ऐसा करने के लिए उसका मन उससे कहता है
- (ख) जब गायन को प्रभावी बनाकर वह वाहवाही लूटना चाहता है
- (ग) गायक के द्वारा किसी पंक्ति विशेष को गाने का आग्रह किए जाने पर
- (घ) गायक का कंठ कमजोर होने तथा प्रेरणा व उत्साह में गिरावट आने पर

(3) 'संगतकार' किसका प्रतीक है?

- (क) संगीत को पागलपन की हद तक चाहने वाले जज़्बात का
- (ख) स्वर को साधने के लिए अनवरत की जाने वाली साधना का
- (ग) किसी की सफलता में निस्स्वार्थ सहयोग करने की भावना का
- (घ) मनोरंजन, माधुर्य, मनुष्यत्व, अपनत्व, प्रतिबद्धता व प्रेरणा का

(4) कभी-कभी संगतकार गायक का यँही साथ क्यों देता है?

- (क) अपने आप को उसके समकक्ष प्रदर्शित करने के लिए
- (ख) उसे यह संदेश देने के लिए कि वह स्वयं को अकेला न समझे
- (ग) वह मुख्य गायक की कमज़ोरियों से पूरी तरह परिचित होता है
- (घ) उसे विश्वास होता है कि बीच-बीच में गाने से गाने की मधुरता बनी रहेगी

(4) संगतकार की 'मनुष्यता' किन कार्यों से प्रकट होती है?

- (क) प्रधान गायक की सेवा में सदैव श्रद्धापूर्वक जुटे रहने से
- (ख) गाने से पहले प्रत्येक कार्य को करने की पूर्व योजना बनाने से
- (ग) स्वयं को विशिष्ट न बनाकर प्रधान गायक की विशिष्टता बढ़ाने से
- (घ) कार्यक्रम से पहले एवं उसके उपरांत प्रधान गायक के चरण स्पर्श करने से

प्रश्न 10. पद्य पाठों के आधार पर निम्नलिखित दो बहुविकल्पी प्रश्नों के सर्वाधिक उपयुक्त विकल्प चुनकर लिखिए- **(1x2=2)**

(1) 'फ़सल' कविता में 'फ़सल' की श्रेष्ठ परिभाषा के साथ प्रकाश में आए अन्य बिंदु हैं-

- (क) जैविक खेती को प्रोत्साहन एवं कृषि विज्ञान की समझ द्वारा खेती
- (ख) पर्यावरण संरक्षण तथा उपभोक्तावाद, प्रकृति और मनुष्य के संबंध
- (ग) कृषि संस्कृति से निकटता, प्रकृति एवं मनुष्य के सहयोग से सृजन
- (घ) कर्मवाद एवं भाग्यवाद, वैज्ञानिक तरीके से कृषि करने का आह्वान

(2) गोपियों को उद्धव का शुष्क संदेश पसंद न आने का मुख्य कारण था-

- (क) उद्धव के कठोर शब्द एवं अति कटु व्यवहार
- (ख) उद्धव में वाक्-पटुता की कमी एवं हृदयहीनता
- (ग) गोपियों का प्रेम मार्ग के स्थान पर ज्ञान मार्ग को पसंद
- (घ) गोपियों का ज्ञान मार्ग के स्थान पर प्रेम मार्ग को पसंद करना

खंड - ख (वर्णनात्मक प्रश्न)

प्रश्न 11. गद्य पाठों के आधार पर निम्नलिखित चार प्रश्नों में से किन्हीं तीन प्रश्नों के उत्तर लगभग 25-30 शब्दों में लिखिए- **(2x3=6)**

- (क) नवाब साहब की सनक नकारात्मक थी, किंतु हर सनक नकारात्मक नहीं होती। सोदाहरण सिद्ध कीजिए कि किस सनक को सकारात्मक कहा जा सकता है?
- (ख) महानगरों की 'फ्लैट-कल्चर' और लेखिका मन्जू भंडारी के परंपरागत 'पड़ोस कल्चर' में आपको क्या अंतर दिखाई देता है? विचार करके लिखिए।
- (ग) मंगलध्वनि किसे कहते हैं? बिस्मिल्ला खाँ को शहनाई की मंगलध्वनि का नायक क्यों कहा गया है? स्पष्ट कीजिए।
- (घ) सच्चे अर्थों में 'संस्कृत व्यक्ति' किसे कहा जा सकता है? 'संस्कृति' पाठ के आधार पर तर्क सहित स्पष्ट कीजिए।

प्रश्न 12. पद्य पाठों के आधार पर निम्नलिखित चार प्रश्नों में से किन्हीं तीन प्रश्नों के उत्तर लगभग 25-30 शब्दों में लिखिए- **(2x3=6)**

- (क) 'क्रोध से बात और अधिक बिगड़ जाती है।' 'राम-लक्ष्मण-परशुराम संवाद' कविता के आलोक में इस कथन की पुष्टि कीजिए।
- (ख) आपके पाठ्यक्रम की किस कविता में कवि ने बादल से फुहार, रिमझिम तथा बरसने के स्थान पर गरजने के लिए कहा है? इस आह्वान का क्या कारण है? अपने शब्दों में लिखिए।

(ग) 'पिघलकर जल बन गया होगा कठिन पाषाण।' यह पंक्ति किस कविता से ली गई है और इसके माध्यम से कवि क्या कहना चाहता है?

(घ) आत्मकथा लिखने के लिए किन गुणों की आवश्यकता होती है? कवि के लिए यह कार्य कठिन क्यों था? सोचकर लिखिए।

प्रश्न 13. पूरक पाठ्यपुस्तक के पाठों पर आधारित निम्नलिखित तीन प्रश्नों में से किन्हीं दो प्रश्नों के उत्तर लगभग 50-60 शब्दों में लिखिए- (4x2=8)

(क) "वहीं सुख, शांति और सुकून है, जहाँ अखंडित संपूर्णता है। पेड़, पौधे, पशु और आदमी सब अपनी-अपनी लय, ताल और गति में हैं। हमारी पीढ़ी ने प्रकृति की इस लय, ताल और गति से खिलवाड़ कर अक्षम्य अपराध किया है।" 'साना-साना हाथ जोड़ि' पाठ के आधार पर बताइए कि इस अक्षम्य अपराध का प्रायश्चित्त मनुष्य किस प्रकार कर सकता है?

(ख) रचनाकार की भीतरी विवशता ही उसे लेखन के लिए मजबूर करती है और लिखकर ही रचनाकार उससे मुक्त हो पाता है। 'मैं क्यों लिखता हूँ' पाठ के आधार पर हिरोशिमा घटना से जोड़ते हुए इस कथन की पुष्टि कीजिए।

(ग) 'माता का अँचल' पाठ में भोलानाथ का अपने माता-पिता से बहुत लगाव है। बचपन में हर बच्चा एक पल के लिए भी माता-पिता का साथ नहीं छोड़ना चाहता है, किंतु माता-पिता के बूढ़े हो जाने पर इनमें से ही कुछ उन्हें साथ न रखकर वृद्धाश्रम में पहुँचा देते हैं। ऐसे लोगों को आप किन शब्दों में समझाएँगे? विचार करके लिखिए।

प्रश्न 14. निम्नलिखित तीन विषयों में से किसी एक विषय पर लगभग 120 शब्दों में सारगर्भित अनुच्छेद लिखिए- (6)

(क) जीवन का कठिन दौर और मानसिक मज़बूती

संकेत-बिंदु-

- मानसिक दृढ़ता से मुश्किल हालातों का सामना संभव
- कठिन हालातों से दो-दो हाथ करने की शक्ति
- अनेक संघर्षशील व्यक्तियों के उदाहरण
- मानसिक दृढ़ता का संकल्प

(ख) साइबर युग, साइबर ठगी : सावधानियाँ एवं सुरक्षा उपाय

संकेत-बिंदु-

- बढ़ते ऑनलाइन कार्य
- साइबर ठगी की बढ़ती घटनाएँ
- सावधानियाँ
- इससे बचने के उपाय

(ग) बुरा जो देखन में चला, बुरा न मिलिया कोय

संकेत-बिंदु-

- दूसरों की कमियाँ देखना स्वाभाविक प्रवृत्ति
- इस प्रवृत्ति का समाज पर प्रभाव
- अपने अंदर झाँकना आवश्यक
- आत्मनिरीक्षण का संकल्प

प्रश्न 15. आप मनस्वी मौर्य/ मनस्विता मालवीय हैं। बरसात के दिनों में दुर्घटना को दावत देते खुले पड़े सीवर लाइन के मैनहोलों के संदर्भ में दैनिक जागरण, अ ब स नगर के संपादक को एक समाचार प्रकाशित करने का अनुरोध करते हुए लगभग 100 शब्दों में पत्र लिखिए। (5)

अथवा

आप श्रेयस राजपूत/ श्रेयसी सिंह हैं। आप छात्रावास में रहते हैं। आपको पिता जी से पता चला है कि आपकी माता जी पूरे परिवार का तो ध्यान रखती हैं, किंतु अपने स्वास्थ्य की अक्सर अनदेखी करती हैं। माता जी को समझाते हुए लगभग 100 शब्दों में एक पत्र लिखिए।

प्रश्न 16. आप तरुण वैश्य/ तरुणा वैश्य हैं। आप बी.एड कर चुके हैं। आपको विवेक इंटरनेशनल स्कूल, अ ब स नगर में हिंदी अध्यापक/ अध्यापिका पद के लिए आवेदन करना है। इसके लिए आप अपना एक संक्षिप्त स्ववृत्त (बायोडाटा) लगभग 80 शब्दों में तैयार कीजिए। (5)

अथवा

आप रॉबर्ट पॉल/ डॉली डिसूजा हैं। आपने अ ब स प्रकाशन, क ख नगर से ऑनलाइन कुछ पुस्तकें मँगवाई थीं। प्रकाशन द्वारा उनमें से दो पुस्तकें किसी अन्य लेखक की भेज दी गई हैं और एक पुस्तक के पहले कुछ पेज फटे हुए हैं। इसकी शिकायत करते हुए तथा इन पुस्तकों को शीघ्र लौटाने और नई पुस्तकें भिजवाने के लिए प्रकाशन के वरिष्ठ प्रबंधक को लगभग 80 शब्दों में एक ई-मेल लिखिए।

प्रश्न 17. आपके चाचा जी ने रेडीमेड कपड़ों की एक दुकान खोली है। वे प्रचार-प्रसार के लिए स्थानीय समाचारपत्र में उसका विज्ञापन देना चाहते हैं। आप उनके लिए लगभग 60 शब्दों में एक आकर्षक विज्ञापन तैयार कीजिए। (4)

अथवा

आप सौम्य गर्ग/ सौम्या गर्ग हैं। आपके भैया-भाभी की पहली वैवाहिक वर्षगाँठ (एनिवर्सरी) है। इस अवसर पर उनके लिए लगभग 60 शब्दों में शुभकामना एवं बधाई संदेश लिखिए।

आदर्श-प्रश्नपत्रम् - 2023-24

कक्षा - दशमी

संस्कृतम् (सम्प्रेषणात्मकम्)

कोड् सङ्ख्या - 119

समयः - 3 होराः

पूर्णाङ्काः - 80

सामान्यनिर्देशाः -

1. कृपया सम्यक्तया परीक्षणं कुर्वन्तु यत् अस्मिन् प्रश्नपत्रे 12 पृष्ठानि मुद्रितानि सन्ति ।
2. कृपया सम्यक्तया परीक्षणं कुर्वन्तु यत् अस्मिन् प्रश्नपत्रे 18 प्रश्नाः सन्ति ।
3. अस्मिन् प्रश्नपत्रे चत्वारः भागाः सन्ति ।

‘क’ भागः	:	अपठितावबोधनम्	10 अङ्काः
‘ख’ भागः	:	रचनात्मककार्यम्	15 अङ्काः
‘ग’ भागः	:	अनुप्रयुक्तव्याकरणम्	25 अङ्काः
‘घ’ भागः	:	पठितावबोधनम्	30 अङ्काः

4. प्रत्येकं भागम् अधिकृत्य उत्तराणि एकस्मिन् स्थाने क्रमेण लेखनीयानि ।
5. उत्तरलेखनात् पूर्वं प्रश्नस्य क्रमाङ्कः अवश्यं लेखनीयः ।
6. प्रश्नस्य क्रमाङ्कः प्रश्नपत्रानुसारम् एव लेखनीयः ।
7. सर्वेषां प्रश्नानाम् उत्तराणि संस्कृतेन लेखनीयानि ।
8. प्रश्नानां निर्देशाः ध्यानेन अवश्यं पठनीयाः ।

‘क’ भागः
अपठितावबोधनम् (10 अङ्काः)

1.	<p>* अधोलिखितं गद्यांशं पठित्वा प्रदत्तप्रश्नानाम् उत्तराणि संस्कृतेन लिखत –</p> <p>आदिकालादेव अस्माकं देशः भारतं जगति प्रसिद्धम् अस्ति। भारतस्य प्रतिष्ठे द्वे- संस्कृतं संस्कृतिस्तथा। संस्कृतभाषा अस्य प्राचीनज्ञानविज्ञानयोः पोषिका महत्संस्कृतेः च संवाहिका अस्ति। कथ्यते अपि भारतीया संस्कृतिः संस्कृते एव निहिता वर्तते। विविधतायाम् एकता एव अस्माकं संस्कृतेः प्रधानम् अभिधानम्। यथा अत्र जनानां विविधाः सम्प्रदायाः, विविधाः भाषाः, पूजापद्धतयः वेशभूषाः च सन्ति परम् अनेकतायाम् अपि एकतायाः मधुरा धारा प्रवहति। न केवलम् एतावदेव अपितु अस्य देशस्य प्रकृतिः अपि विविधतां धारयति। अस्मिन् देशे सर्वे ऋतवः क्रमेण आगच्छन्ति। ते च वसन्तः ग्रीष्मः वर्षा शरद् हेमन्तः शिशिरः इति। अत्र भिन्नभिन्न-भाषाभाषिणः मतावलम्बिनः सर्वे भारतीयाः एकं राष्ट्रध्वजं नमन्ति एकं राष्ट्रगानं च गायन्ति। एते राष्ट्रिय-उत्सवान् सामाजिक-उत्सवान् च मिलित्वा आयोजयन्ति। भारतस्य वैशिष्ट्यमेतद् सर्वदा निरन्तरं च भवेद् इति सर्वैः भारतीयैः काम्यते। भारतं पुनः विश्वगुरुं कर्तुं सर्वे भारतीयाः प्रयतन्ते।</p> <p>अ. एकपदेन उत्तरत – (केवलं प्रश्नद्वयम्)</p> <p>(i) प्राचीनज्ञानविज्ञानयोः पोषिका का भाषा ? (ii) अस्माकं देशे के क्रमेण आगच्छन्ति ? (iii) आदिकालादेव कः देशः जगति प्रसिद्धम् अस्ति ?</p> <p>आ. पूर्णवाक्येन लिखत - (केवलं प्रश्नद्वयम्)</p> <p>(i) भारतीयाः किं कर्तुं प्रयतन्ते? (ii) अस्माकं संस्कृतेः प्रधानम् अभिधानं किम् ? (iii) सर्वैः भारतीयैः किं काम्यते ?</p> <p>इ. अस्य अनुच्छेदस्य कृते उपयुक्तं शीर्षकं संस्कृतेन लिखत।</p> <p>ई. यथानिर्देशम् उत्तरत - (केवलं प्रश्नत्रयम्)</p> <p>(i) ‘धारयति’ इति क्रियापदस्य कर्तृपदं किं भवेत्? (क) विविधताम् (ख) एतावदेव (ग) केवलम् (घ) प्रकृतिः</p> <p>(ii) ‘प्रधानम्’ इति विशेषणपदस्य विशेष्यपदं किम्? (क) संस्कृतेः (ख) अभिधानम् (ग) विविधतायाम् (घ) एकता</p>	<p>10</p> <p>1×2=2</p> <p>2×2=4</p> <p>1</p> <p>1×3=3</p>
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	<p>(iii) 'अस्माकं देशः भारतं जगति प्रसिद्धम् अस्ति । ' अत्र किं क्रियापदम्?</p> <p>(क) भारतम् (ख) जगति</p> <p>(ग) अस्ति (घ) देशः</p> <p>(iv) 'विविधतायाम्' इति पदस्य किं पर्यायपदं गद्यांशे प्रयुक्तम्?</p> <p>(क) अनेकतायाम् (ख) एकतायाः</p> <p>(ग) भारतीयाः (घ) सम्प्रदायाः</p>	
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'ख' भागः
रचनात्मकं कार्यम् (15 अङ्काः)

2.	<p>* भवतः अनुजः तनिष्कः पठनं त्यक्त्वा चलदूरभाषयन्त्रेण क्रीडने सर्वदा व्यस्तः भवति । तं पठनार्थं प्रेरयन् लिखितं पत्रं मञ्जूषायां प्रदत्तैः पदैः पूरयित्वा पुनः लिखत -</p> <p>परीक्षाभवनात् तिथिः</p> <p>प्रिय (i) ! शुभाशीषः ।</p> <p>ह्यः एव मातुः (ii) प्राप्तम् । माता अद्यत्वे पठने तव (iii)..... दृष्ट्वा चिन्तिता अस्ति । त्वं पठनं त्यक्त्वा चलदूरभाषयन्त्रेण (iv) रतः भवसि । अर्धवार्षिक-परीक्षायाम् अपि तव (v) न्यूनाः आगताः । एतद् तु न (vi) । यद्यपि क्रीडनम् अपि (vii) आवश्यकं परं तत् शारीरिकं भवेत् । क्रीडनेन सह पठनम् अपि अत्यावश्यकम् । ये चलदूरभाषयन्त्रेण अत्यधिकं समयं वृथा यापयन्ति ते न केवलं (viii) अस्वस्थाः भवन्ति अपितु जीवने असफलाः अपि । अतः मम (ix) अस्ति यत् समयस्य महत्त्वम् अवगत्य (x) ध्यानेन पठ । मातृपितृचरणयोः मे प्रणामाः कथनीयाः ।</p> <p>तव अग्रजः, मोहितः</p> <p style="text-align: center;">मञ्जूषा</p> <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 80%;"> <p>त्वम्, मानसिकरूपेण, पत्रम्, स्वास्थ्याय, अरुचिम्, तनिष्क, अङ्काः, क्रीडने, उचितम्, परामर्शः ।</p> </div>	½×10=5
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3. * प्रदत्तं चित्रं दृष्ट्वा मञ्जूषायां प्रदत्तशब्दानां सहायतया पञ्च वाक्यानि संस्कृतेन लिखत -

1×5=5



मञ्जूषा -

यज्ञपात्रम्, अग्निः, बालकाः, मन्त्रोच्चारणम्, विद्यालयः, श्रद्धया,
आसनानि, तिष्ठन्ति, प्रज्वलति, भवनम्, पादपाः, यज्ञं कुर्वन्ति ।

अथवा

* निम्नलिखितं विषयम् अधिकृत्य मञ्जूषाप्रदत्तशब्दानां साहाय्येन न्यूनातिन्यूनं पञ्चभिः
संस्कृतवाक्यैः एकम् अनुच्छेदं लिखत -

1×5=5

“दिल्ली-विश्वपुस्तकमेलकम्”

मञ्जूषा

प्रतिवर्षम्, प्रगतिमैदान इति स्थले, फरबरी-मार्चमासे, विविधानि पुस्तकानि,
आपणिकाः, आयोज्यते, जनसम्मर्दः, विभिन्नाः प्रकोष्ठाः, पुस्तकप्रेमिणः,
साहित्यिक-गोष्ठ्यः, भवन्ति, सांस्कृतिककार्यक्रमाः, अल्पमूल्येन ।

4. * अधोलिखितां कथां मञ्जूषायाः सहायतया पूरयित्वा पुनः लिखत-

½×10=5

एकः टोपिकाविक्रेता आसीत् । सः एकदा (i) ----- विक्रेतुं ग्रामान्तरं गच्छन् आसीत् ।
(ii) ----- सः श्रान्तः अभवत्, अतः(iii) ----- अधः स्थित्वा शयनम् अकरोत् ।
तत्र बहवः वानराः आसन् । (iv) ----- तस्य टोपिकाः स्वीकृत्य वृक्षस्य उपरि अतिष्ठन् ।
(v) ----- टोपिकाविक्रेता जागृतः अभवत् तदा सः टोपिकाः न दृष्ट्वा बहु (vi) -----
अभवत् । सः एकम् (vii) ----- अकरोत् । सः वानराणां पुरतः स्थित्वा स्वस्य टोपिकां दूरम्

अक्षिपत् । (viii) ----- वानराः अपि स्वस्य स्वस्य टोपिकाः अधः (ix) ----- ।
चतुरः टोपिकाविक्रेता टोपिकाः एकत्रीकृत्य प्रसन्नः भूत्वा ततः (x) ----- । अतः कथ्यते- बलात्
बुद्धिः श्रेष्ठा ।

मञ्जूषा

अगच्छत्, अनुकरणशीलाः, वृक्षस्य, दुःखी,
यदा, उपायम्, मार्गे, अक्षिपन्, टोपिकाः, ते

अथवा

* रिक्तस्थानानि पूरयित्वा अधोलिखितसंवादं पुनः लिखत-

1×5=5

जनकः - पुत्र केशव! (i) ----- ?

पुत्रः - हे जनक! अहं 'गीतां' पठामि ।

जनकः- शोभनम् , 'गीता' इति बहु उत्तमः ग्रन्थः अस्ति । 'गीता' महाभारतस्य भागः अस्ति
यस्मिन् सप्तशत श्लोकाः सन्ति ।

पुत्रः - आम्, (ii) ----- ।

जनकः - सत्यम् । किं त्वं जानासि यत् महाभारतस्य लेखकः कः अस्ति ?

पुत्रः - आम् , जनक! (iii) ----- ।

जनकः - उत्तमम्, संस्कृतस्य प्रसिद्धौ ग्रन्थौ कौ ?

पुत्रः - अहं मन्ये, (iv) ----- ।

जनकः - सत्यम्, त्वं बहु जानासि । अहं बहु प्रसन्नः अस्मि ।

पुत्रः - धन्यवादः पितः! (v) ----- ।

मञ्जूषा

- अस्य लेखकः महर्षिः वेदव्यासः अस्ति ।
- त्वम् एतावद्-ध्यानेन किं पठसि?
- अहं पठामि अतः जानामि ।
- एतौ प्रसिद्धौ ग्रन्थौ 'रामायणम्' 'महाभारतम्' च स्तः ।
- एतेषु श्लोकेषु श्रीकृष्णस्य ज्ञानवर्धकाः उपदेशाः सन्ति ।

‘ग’ भागः अनुप्रयुक्तव्याकरणम् (25 अङ्काः)		
5.	<p>* अधोलिखितवाक्येषु रेखाङ्कितपदेषु सन्धिं सन्धिच्छेदं वा कुरुत- (केवलं प्रश्नचतुष्टयम्)</p> <p>(i) जीवाः <u>सर्वेऽत्र</u> मोदन्ताम् ।</p> <p>(ii) प्रजहि <u>हि+एनं</u> ज्ञानविज्ञाननाशनम् ।</p> <p>(iii) कश्चिद् <u>उद्दण्डः</u> बालकः उवाच ।</p> <p>(iv) <u>क्रोध एषः</u> रजोगुणसमुद्भवः ।</p> <p>(v) कथमिव पश्येयं <u>चक्षुः+हीनः</u> ।</p>	1×4=4
6.	<p>अधोलिखितवाक्येषु रेखाङ्कितपदानां समासं विग्रहं वा प्रदत्तविकल्पेभ्यः चित्वा लिखत - (केवलं प्रश्नचतुष्टयम्)</p> <p>(i) हिमाद्रितुङ्गशृङ्गैः सुशोभिता <u>सूर्योदयभूमिः</u> इयम् ।</p> <p>(क) सूर्यस्य भूमिः (ख) सूर्योदयस्य भूमिः</p> <p>(ग) सूर्योदयेन भूमिः (घ) सूर्योदयः भूमिः</p> <p>(ii) वानराणां <u>यूथपः</u> सर्वान् वानरान् अवदत् ।</p> <p>(क) यूथस्य पतिः (ख) यूथं पिबति इति</p> <p>(ग) यूथं पाति इति (घ) यूथस्य पः</p> <p>(iii) सर्वेषामपि महत्त्वं विद्यते <u>समयम् अनतिक्रम्य</u> ।</p> <p>(क) समयम् यथा (ख) यथासमयम्</p> <p>(ग) समयानुसारम् (घ) यथासमयः</p> <p>(iv) सः <u>सकरुणम्</u> उच्चैः अक्रन्दत् ।</p> <p>(क) करुणया सह (ख) सह करुणम्</p> <p>(ग) करुणा सह (घ) सा करुणा</p> <p>(v) ततः प्रविशतः <u>व्यासनारदौ</u> ।</p> <p>(क) व्यासः नारदः (ख) व्यासौ नारदौ च</p> <p>(ग) व्यासः नारदौ च (घ) व्यासः च नारदः च</p>	1×4=4

<p>7.</p>	<p>अधोलिखितवाक्येषु रेखाङ्कितपदानां प्रकृति-प्रत्ययौ संयोज्य विभज्य वा उचितम् उत्तरं विकल्पेभ्यः चित्वा लिखत - (केवलं प्रश्नचतुष्टयम्)</p> <p>(i) <u>विपुला</u> च अत्र वनसम्पदा ।</p> <p>(क) विपुलः + टाप् (ख) विपुल + टाप्</p> <p>(ग) विपुल + डीप् (घ) विपुल + इक्</p> <p>(ii) विद्वांस एव <u>चक्षुष्मन्तः</u> प्रकीर्तिताः ।</p> <p>(क) चक्षुस्+मत् (ख) चक्षुः+मतुप्</p> <p>(ग) चक्षुर्+मतुप् (घ) चक्षुस्+मतुप्</p> <p>(iii) ईटा हि यस्यास्ति <u>पुर+डीप्</u> प्रधाना ।</p> <p>(क) पुरा (ख) पुरः</p> <p>(ग) पुरी (घ) पूर्णा</p> <p>(iv) अस्मिन् अवसरे <u>समाज+ठक्</u> कार्यं क्रियते ।</p> <p>(क) सामाजिकम् (ख) सामाजिकः</p> <p>(ग) सामाजिकी (घ) सामाजिका</p> <p>(v) <u>अवक्रता</u> यथा चित्ते तथा वाचि भवेत् ।</p> <p>(क) अवक्र+टाप् (ख) अवक्र+तल्</p> <p>(ग) अवक्र+डीप् (घ) अवक्र+त्व</p>	<p>1×4=4</p>
<p>8.</p>	<p>वाच्यानुसारम् उचितपदैः रिक्तस्थानानि पूरयित्वा अधोलिखितं संवादं पुनः लिखत - (केवलं प्रश्नत्रयम्)</p> <p>आदित्यः - वैभव! इदानीं त्वया किं क्रियते ?</p> <p>वैभवः - आदित्य! अधुना तु मया (i) ----- क्रियते । का वार्ता ?</p> <p>आदित्यः - नास्ति विशेषः । (ii) ----- क्रीडितुं बहिः गम्यते, त्वमपि आगच्छ ।</p> <p>वैभवः - न । श्वः मम परीक्षा भविष्यति अतः अद्य (iii) ----- सम्पूर्णदिने पठामि ।</p> <p>आदित्यः - अस्तु, किन्तु त्वं किं पठसि ?</p> <p>वैभवः - गणितविषयस्य परीक्षा भविष्यति अतः मया गणितविषयः (iv) ----- ।</p> <p style="text-align: center;">मञ्जूषा</p> <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: fit-content;"> <p>अस्माभिः, पठ्यते, अध्ययनम्, अहम्</p> </div>	<p>1×3=3</p>

9.	<p>कालबोधकशब्दैः अधोलिखित-दिनचर्या पूर्यत- (केवलं प्रश्नत्रयम्)</p> <p>(i) सौम्या प्रातः ----- 4:00 वादने उत्तिष्ठति ।</p> <p>(ii) ततः सा -----05:15 वादने योगाभ्यासं करोति ।</p> <p>(iii) तदनन्तरं सा ----- 7:45 वादने विद्यालयं गच्छति ।</p> <p>(iv) ----- 2:30 वादने आगत्य सा पुनः भोजनं करोति ।</p>	1×3=3
10.	<p>मञ्जूषायां प्रदत्तैः उचितैः अव्ययपदैः अधोलिखितवाक्येषु रिक्तस्थानानि पूर्यत - (केवलं प्रश्नचतुष्टयम्)</p> <p>(i) प्राणत्राणाय अश्वाः ----- अधावन् ।</p> <p>(ii) यूयं सर्वे ----- मम प्रियाः ।</p> <p>(iii) अभ्यासेन तु कौन्तेय वैराग्येण ----- गृह्यते ।</p> <p>(iv) अर्जुन! त्वम् ----- मुञ्च ब्रह्मास्त्रम् एतत् निवारयितुम् ।</p> <p>(v) ----- विषादं त्यक्त्वा उद्यमः क्रियताम् ।</p> <p style="text-align: center;">मञ्जूषा</p> <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: fit-content;">इदानीम्, अपि, इतस्ततः, एव, च</div>	1×4=4
11.	<p>* अधोलिखितवाक्येषु रेखाङ्कित-अशुद्धपदाय उचितपदं चित्वा वाक्यानि पुनः लिखत - (केवलं प्रश्नत्रयम्)</p> <p>(i) प्रबुद्धौ ते दम्पती आश्चर्येण अतिष्ठताम् ।</p> <p>(क) सा (ख) तौ</p> <p>(ग) ताः (घ) तानि</p> <p>(ii) कुमारगम आश्रितस्य मम <u>कीदृशः</u> इयं क्लेशपरम्परा ।</p> <p>(क) कीदृशम् (ख) कीदृश्यः</p> <p>(ग) कीदृशाः (घ) कीदृशी</p> <p>(iii) त्वं नर्तनात् अन्यत् किम् अपरं <u>जानाति</u>?</p> <p>(क) जानन्ति (ख) जानन्ति</p> <p>(ग) जानामि (घ) जानासि</p> <p>(iv) राजा वैद्यान् आहूय <u>पृच्छत्</u> ।</p> <p>(क) अपृच्छत् (ख) प्रक्ष्यन्ति</p> <p>(ग) अपृच्छः (घ) अपृच्छन्</p>	1×3=3

‘घ’ भागः

पठितावबोधनम्

(30 अङ्काः)

12.	<p>अधोलिखितं गद्यांशं पठित्वा प्रदत्तप्रश्नानाम् उत्तराणि संस्कृतेन लिखत –</p> <p>तस्य वचनं श्रुत्वा अश्रद्धेयं मत्वा मदोद्धताः कपयः प्रहस्य अवदन्- ‘भो! किमिदम् उच्यते ? न वयं स्वर्गसमानोपभोगान् विहाय अटव्यां क्षार-तिक्त-कषाय-कटु-रूक्षफलानि भक्षयिष्यामः ।’ तच्छ्रुत्वा साश्रुनयनो यूथपतिः सगद्गदम् उक्तवान्- रसनास्वादलुब्धाः यूयम् अस्य सुखस्य कुपरिणामं न जानीथ । अहं तु वनं गच्छामि ।</p> <p>अथ अन्यस्मिन् अहनि स मेषो यावत् महानसं प्रविशति तावत् सूपकारेण अर्धज्वलितकाष्ठेन ताडितः । ऊर्णाप्रचुरः मेषः वह्निना जाज्वल्यमानशरीरः निकटस्थाम् अश्वशालां प्रविशति दाहवेदनया च भूमौ लुठति । तस्य क्षितौ प्रलुठतः तृणेषु वह्निज्वालाः समुत्थिताः ।</p> <p>अ. एकपदेन उत्तरत – (केवलं प्रश्नद्वयम्)</p> <p>(i) मदोद्धताः के आसन् ?</p> <p>(ii) कः सगद्गदम् उक्तवान् ?</p> <p>(iii) वह्निज्वालाः कुत्र समुत्थिताः ?</p> <p>आ. पूर्णवाक्येन लिखत - (केवलं प्रश्नद्वयम्)</p> <p>(i) साश्रुनयनो यूथपतिः सगद्गदं किम् उक्तवान्?</p> <p>(ii) मेषः किमर्थं भूमौ लुठति ?</p> <p>(iii) कीदृशः मेषः अश्वशालां प्रविशति ?</p> <p>* इ. निर्देशानुसारम् उत्तरत । (केवलं प्रश्नद्वयम्)</p> <p>(i) ‘अवदन्’ क्रियापदस्य कर्तृपदं किं प्रयुक्तम्?</p> <p>(ii) ‘यूथपतिः’ इति पदस्य किं विशेषणपदं प्रयुक्तम् ?</p> <p>(iii) ‘भूमौ’ इत्यस्य किं पर्यायपदं प्रयुक्तम् ?</p>	5
13.	<p>अधोलिखितं पद्यांशं पठित्वा प्रदत्तप्रश्नानाम् उत्तराणि संस्कृतेन लिखत –</p> <p>अपूर्वः कोऽपि कोशोऽयं विद्यते तव भारति । व्ययतो वृद्धिमायाति क्षयमायाति सञ्चयात् ॥ पापिनाञ्च सदा दुःखं सुखं वै पुण्यकर्मणाम् । एवं स्थिरतरं ज्ञात्वा साधुवृत्तिं समाचरेत् ॥</p> <p>अ. एकपदेन उत्तरत - (केवलं प्रश्नद्वयम्)</p> <p>(i) सरस्वत्याः कोशः कीदृशः मन्यते ?</p> <p>(ii) अयं कोशः कथं क्षयमायाति ?</p> <p>(iii) पुण्यकर्मणां फलं किम् ?</p>	5

	<p>आ. पूर्णवाक्येन उत्तरत - (केवलं प्रश्नद्वयम्)</p> <p>(i) केषां सदा दुःखं भवति ?</p> <p>(ii) भारत्याः कोशः कथं वर्धते ?</p> <p>(iii) मनुष्यः कां समाचरेत् ?</p> <p>* इ. निर्देशानुसारम् उत्तरत । (केवलं प्रश्नद्वयम्)</p> <p>(i) “अपूर्वः कोऽपि कोशोऽयं विद्यते तव भारति ।” अत्र वाक्ये क्रियापदं किम् ?</p> <p>(ii) ‘दुःखम्’ इत्यस्य किं विपर्ययपदं प्रयुक्तम्?</p> <p>(iii) ‘अपूर्वः’ इत्यस्य विशेष्यपदं चित्वा लिखत ।</p>	<p>1×2=2</p> <p>1×2=2</p>
<p>14.</p>	<p>अधोलिखितं नाट्यांशं पठित्वा प्रदत्तप्रश्नानाम् उत्तराणि संस्कृतेन लिखत –</p> <p>श्रीकृष्णः - भो धर्मराज! समीचीनं न कृतं भवता । पुत्रशोकविह्वलः भीमसेनः एकाकी एव द्रौणिं हन्तुम् अभिधावति ।</p> <p>युधिष्ठिरः - भगवन्! सः तु एकाकी एव द्रोणपुत्राय अलम् ।</p> <p>श्रीकृष्णः - न जानाति भवान् द्रौणेः चपलां प्रकृतिम् । पितुः द्रोणात् प्राप्तं ब्रह्मशिरो नाम अस्त्रं विद्यते तस्य पार्श्वे । यदि तत् प्रयुज्यते, सर्वा पृथ्वी दग्धा स्यात् ।</p> <p>युधिष्ठिरः - अप्येवम् ! आचार्येण कीदृशः अनर्थः कृतः । किं चपलबालकेभ्यः एतादृश-भीषणानाम् अस्त्राणां प्रदानम् उचितम् ?</p> <p>श्रीकृष्णः - शृणु तावत्, आचार्येण तु प्रियशिष्याय अर्जुनाय प्रीत्या मनसा ब्रह्मास्त्रशिक्षा प्रदत्ता । किन्तु पुत्रप्रेमपराधीनेन तेन अश्वत्थामा अपि तच्छिक्षया वञ्चितः न कृतः ।</p> <p>अर्जुनः - अपरं च अस्त्रशिक्षाप्रदानात् पूर्वम् आचार्यः पुत्रं सावधानम् अकरोत् ।</p> <p>अ. एकपदेन उत्तरत - (केवलं प्रश्नद्वयम्)</p> <p>(i) आचार्यः द्रोणः कं सावधानम् अकरोत् ?</p> <p>(ii) भीमसेनः कं हन्तुम् अभिधावति ?</p> <p>(iii) द्रौणेः प्रकृतिः कीदृशी आसीत् ?</p> <p>आ. पूर्णवाक्येन उत्तरत - (केवलं प्रश्नद्वयम्)</p> <p>(i) कदा सर्वा पृथ्वी दग्धा स्यात् ?</p> <p>(ii) द्रोणेन अर्जुनाय कथं ब्रह्मास्त्रशिक्षा प्रदत्ता ?</p> <p>(iii) अश्वत्थामा कुतः ब्रह्मशिरो नाम अस्त्रं प्राप्तवान् ?</p> <p>* इ. निर्देशानुसारम् उत्तरत । (केवलं प्रश्नद्वयम्)</p> <p>(i) ‘पर्याप्तम्’ इत्यस्य किं पर्यायपदम् अत्र प्रयुक्तम् ?</p> <p>(ii) ‘जानाति’ इति क्रियापदस्य कर्तृपदं किम् अत्र प्रयुक्तम् ?</p> <p>(iii) ‘दग्धा’ इत्यस्य विशेष्यपदं चित्वा लिखत ।</p>	<p>5</p> <p>1/2×2=1</p> <p>1×2=2</p> <p>1×2=2</p>

	<p>(ii) <u>सर्वदा</u> शारदा सदैव अस्माकं मुखे निवसेत् । (क) सर्वदायिनी (ख) सर्वम् (ग) सर्वहितम् (घ) वीणासहिता</p> <p>(iii) अहर्निशं <u>महानसं</u> प्रविश्य यत् पश्यति तद् भक्षयति स्म । (क) महानाशम् (ख) भोजनशालाम् (ग) महान्तम् (घ) महती</p> <p>(iv) अस्माकं क्षेत्रे सुवर्णपूरितः <u>कलशः</u> विद्यते । (क) कलेशः (ख) काकः (ग) सर्वत्र (घ) घटः</p> <p>(v) तस्याहं <u>निग्रहं</u> मन्ये वायोरिव सुदुष्करम् । (क) न्यासः (ख) वशीकरणम् (ग) नेत्रम् (घ) प्रसन्नः</p>	
18.	<p>अधोलिखित-कथां रिक्तस्थानानि पूरयित्वा पुनः लिखत –</p> <p>एकदा भगवान् बोधिसत्त्वः (i) ----- राजा अभवत् । सः महान् दानी, विनयशीलः, वृद्धोपसेवी च (ii) ----- । तस्य दानशीलताम् श्रुत्वा (iii) ----- देशेभ्योऽपि जनाः तस्य देशम् आयान्ति स्म । एकदा शक्रः अपि तस्य (iv) ----- परीक्षितुम् आगच्छत् । सः नेत्रहीनयाचक-रूपेण आगत्य तं राजानम् एकं (v) ----- अयाचत । राजा तस्मै चक्षुर्द्वयमेव प्रायच्छत् । प्रसन्नः (vi) ----- कतिपयेभ्यः दिनेभ्यः पश्चात् पुनः राज्ञः पुरतः उपस्थितः अभवत् । सः राज्ञः त्यागवृत्तिं प्रशंसन् नेत्रद्वयमपि प्रत्यस्थापयत् । अपि च शतयोजनपर्यन्तं (vii) ----- पारं द्रष्टुं समर्थः भव इति तस्मै वरम् अयच्छत् । उच्यते अपि- नास्ति त्यागसमं (viii) ----- ।</p> <p style="text-align: center;">मञ्जूषा</p> <div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: fit-content;"> <p>आसीत्, शिवीनाम्, सुखम्, शैलानाम् अन्येभ्यः, दानशीलताम्, शक्रः, नेत्रम् ।</p> </div>	½×8=4

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NIRJA SAHAY DAV PUBLIC SCHOOL KANKE, RANCHI

CLASS - X

SUB – S.ST

HOLIDAY HOMEWORK

Time Allowed: 3 Hours

Maximum Marks: 80

General Instructions:

- i.* Question paper comprises Six Sections – A, B, C, D, E and F. There are 37 questions in the question paper. All questions are compulsory.
- ii.* **Section A** – From question 1 to 20 are MCQs of 1 mark each.
- iii.* **Section B** – Question no. 21 to 24 are Very Short Answer Type Questions, carrying 2 marks each. Answer to each question should not exceed 40 words.
- iv.* **Section C** contains Q.25 to Q.29 are Short Answer Type Questions, carrying 3 marks each. Answer to each question should not exceed 60 words
- v.* **Section D** – Question no. 30 to 33 are long answer type questions, carrying 5 marks each. Answer to each question should not exceed 120 words.
- vi.* **Section E** - Questions no from 34 to 36 are case based questions with three sub questions and are of 4 marks each.
- vii.* **Section F** – Question no. 37 is map based, carrying 5 marks with two parts, 37a from History (2 marks) and 37b from Geography (3 marks).
- viii.* There is no overall choice in the question paper. However, an internal choice has been provided in few questions. Only one of the choices in such questions have to be attempted.
- ix.* In addition to this, separate instructions are given with each section and question, wherever necessary.

SECTION A
MCQs (1X20=20)

1. Rehman is a poor agricultural labour and needs a loan for cultivation on his small piece of land.

Which of the following would **DEFINITELY** offer him a fair interest rate and flexible terms of credit?

1

- A. village moneylender
- B. cooperative society
- C. commercial bank
- D. rich landowner

2. Shazia's teacher asked her a question, to which she answered, "MGNREGA 2005". What could have been the teacher's question?

1

- A. Name the act that was devised to implement the Right to Work.
- B. Name the act that was devised to implement the Right to Equality.
- C. Name the act that was devised to implement the Right to Freedom.
- D. Name the act that was devised to implement the Right to Education.

3. Which of the following steps would guarantee the welfare of the employees in the organised sector?

1

P: payment of equal remuneration to men and women at the workplace
Q: protection of the employment of women during the time of maternity
R: prohibition of child marriage and providing relief to victims
S: payment of a one-time bonus to all retired employees

OPTIONS:

- A. only P and S
- B. only P, R and S
- C. only P, Q and S
- D. all - P, Q, R and S

4. Which of the following is **NOT** an example of the process of globalisation?

1

- A. Google's headquarters being in California with multiple offices across the world
- B. Railways being the largest public sector undertaking employer in India
- C. McDonalds introducing McAloo Tikki specially for the Indian menu
- D. Spanish family having masala dosas for their weekend breakfast

5. **A multinational company (MNC) is a corporate organization that owns and controls production in more than one country. Accordingly, which of following countries has the BEST potential for an MNC to beset up?**

1

- A. Country W has a rich culture and ample biodiversity.
- B. Country X provides loans to foreign companies easily at high interest rates.
- C. Country Y has an educated workforce ready to work for affordable remuneration.
- D. Country Z has a rule which allows people from a specific religion to conduct business freely.

6. **Under the sustainable development goals, social equality with regards to access to resources is one of the most pressing challenges. Accordingly, which of the following crises is related to the statement above?**

1

- A. damage to infrastructure due to floods
- B. scarcity of clean water for consumption
- C. damage to crops caused by heavy rains
- D. combating water borne diseases in rural India

7. **Sharanya is making a list of natural resources for a project. She puts wind energy under one column and coal under another column. On what basis is she classifying the resources?**

1

- A. on the basis of origin
- B. on the basis of ownership
- C. on the basis of exhaustibility
- D. on the basis of status of development

8. **The Nicobar pigeon is a bird found only on small islands and coastal regions from the Andaman & Nicobar Islands, and further east - through the Malay Archipelago to the Solomon and Palau region. (Source - Wikipedia) Accordingly, which of the following kind of species would it fall under?**

1

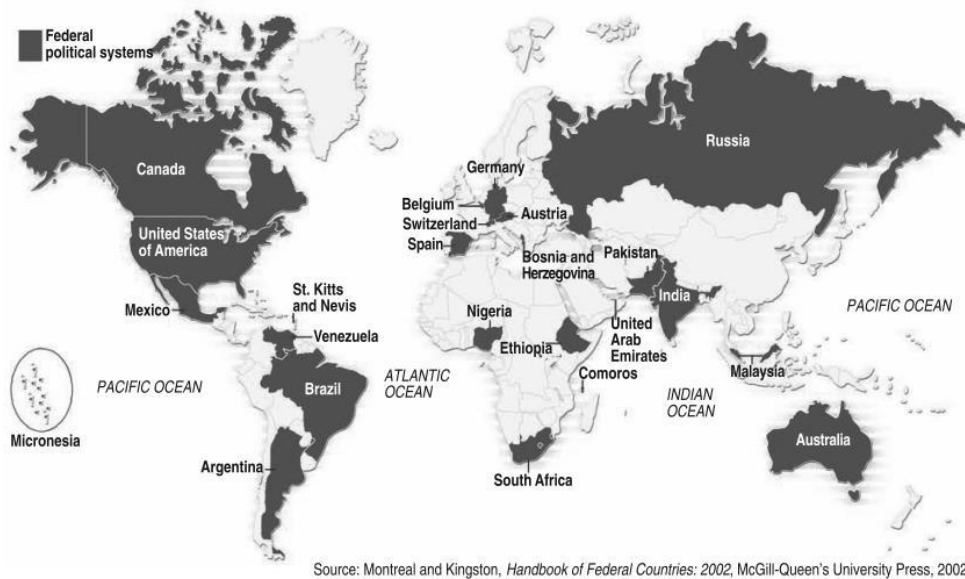
- A. rare species
- B. extinct species
- C. endemic species
- D. vulnerable species

9. **Learning from Belgium's experience, which of the following steps could have MOST LIKELY avoided a civil war in Sri Lanka that ended in 2009?**

1

- A. making reservations in jobs for the Tamil speaking minority community
- B. dividing the entire country on the basis of linguistic lines to appease the citizens
- C. devising laws to accommodate the ethnic differences of citizens to ensure peace
- D. conducting a thorough census to strictly segregate the Indian Tamils from the SriLankan Tamils

10. Look at the world map given below and answer the following question.



Which of the following deductions can **DEFINITELY** be made from the map?

1

- A. Argentina is the largest federal country in South America.
- B. Germany has states that share power with the centre.
- C. Asia has the maximum number of federal nations.
- D. China does not have provincial administrations.

11. There are two statements given below, marked as Assertion (A) and Reason (R).

Read the statements and choose the correct option.

1

Assertion (A): In India, the literacy rate among women is significantly lower than among men.

Reason (R): The patriarchal system in India gives more value to the education of the heir who carries on the family name.

- A. A is true but R is false.
- B. A is false but R is true.
- C. Both A and R are true and R explains A.
- D. Both A and R are true but R does not explain A.

12. Country P has recently adopted democracy after a long struggle.

Which of the following outcomes can the citizens of this country **DEFINITELY** expect due to this change?

1

- A. sharp decrease in poverty in all communities
- B. more accountability on part of the government
- C. drastic rise in the national income due to sharp economic growth
- D. rules and laws to be drafted according to the needs of the majority groups

13. 'Opposition slams minister's remark; condemns rising fuel prices.'

The above statement shows the important function of opposition parties in a democracy. Which of the following options does NOT fall under the functions of an opposition party?

1

- A. auditing the government's spending and budget
- B. criticising the government for its shortcomings and mistakes
- C. asking questions from the government to ensure accountability
- D. mobilising the support of other parties to oppose the decisions of the government

14. Which of the following shortcomings **DEFINITELY** exists in democratic regimes?

1

- A. glorification of war
- B. sluggish decision making
- C. elimination of free market
- D. diffusion of aggressive nationalism

15. Given below are some allegories used in Europe during the nationalist movement. Accordingly, which one of the following signified the beginning of a new era?

1

- A. broken chains
- B. rays of the rising sun
- C. breastplate with eagle
- D. olive branch around sword

16. Read the given data and answer the following question.

Country	Gross National Income (GNI) per capita (2011 PPP \$)	Life Expectancy at birth (2017)	Mean Years of Schooling of People aged 25 and above (2017)	HDI Rank in the world (2018)
Sri Lanka	11,326	75.5	10.9	76
India	6,353	68.8	6.4	130
Myanmar	5,567	66.7	4.9	148
Pakistan	5,331	66.6	5.2	150
Nepal	2,471	70.6	4.9	149
Bangladesh	3,677	72.8	5.8	136

Source : Human Development Report, 2018, United Nations Development Programme, New York

Identify the country that **MOST PROBABLY** has a well-developed healthcare system but lesser average education than India.

1

- A. Sri Lanka
- B. Myanmar
- C. Pakistan
- D. Nepal

17. The woodcut painting given below was created during the time when Indians were beginning to accept the idea of women's education in the late 19th century.



Which of the following scenarios was the artist **MOST LIKELY** trying to portray in this art piece? 1

- A. listening to music is the best way to spend one's free time
- B. increasing popularity of western idea of marriage
- C. challenging the conventional gender roles
- D. pleasure being the ultimate goal of life

Note: The following question is for visually impaired candidates only in lieu of Q No. 17

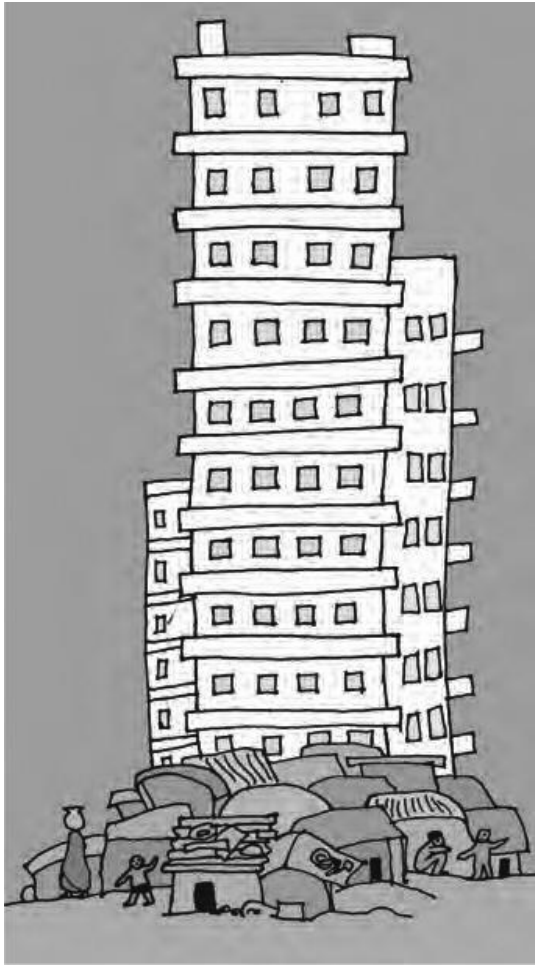
**‘Tremble, therefore, tyrants of the world! Tremble before the virtual writer!’
What did Mercier mean by the above lines?**

- A. rulers often attacked the writers in order to maintain their power over people
- B. the spread of print culture would bring down the spirits of intellectual writers
- C. printing of books had the potential to bring an end to despotism
- D. cruel leaders needed to reflect upon their actions

18. Against which of the following forms of discrimination did Mahatma Gandhi launch a satyagraha in South Africa? 1

- A. racism
- B. sexism
- C. ageism
- D. casteism

19. Look at the image given below.



Which of the following goals of development should be prioritised in this region?

1

- A. reducing income disparities
- B. combatting climate change
- C. ending gender violence
- D. ensuring caste equality

20. Monica is reading an abstract written by Tarabai Shinde.

Which of the following is **MOST LIKELY** to be the central issue of this text?

1

- A. religious indoctrination by priests
- B. miserable lives of farmers in debt
- C. plight of upper caste Hindu widows
- D. exploitation of children by factory owners

SECTION B
VERY SHORT ANSWER QUESTIONS (2X4=8)

21. 'Even 'ready' foodstuff in distant parts of the world might share common origins.'
Justify the above statement with a relevant example. 2
22. What are some ways in which caste demonstrates itself in politics? 2
23. Briefly describe the two MAJOR ways that electricity is generated around the world for human consumption. 2
- OR**
- Briefly describe any two non-conventional sources of energy.
24. Why is the existence of a public sector necessary in any economy? 2

SECTION C
SHORT ANSWER BASED QUESTIONS (3X5=15)

25. 'Salt is something that is consumed by the rich and the poor alike across India.'
Which step by Viceroy Irwin enraged Gandhi to launch a nationwide protest movement using this essential item as a symbol? Elaborate with example. 3
- OR**
- Gandhi was vehemently against the Anarchical and Revolutionary Crimes Act of 1919, popularly known as the Rowlatt Act. Elaborate.
26. 'The organised working class owes respect to the first men who planted the standard of labour solidarity on the hostile frontier of the unorganised industry.'
Analyse the above statement to highlight the rights that the organised industry enjoys now due to the solidarity shown by the labour groups earlier. 3
27. Accommodation of social divisions is a crucial aspect of democracy. However, the extent of such accommodation depends on various perspectives of the people, politicians and the government.
Briefly explain these factors. 3
28. 'We have not inherited the world from our forefathers — we have borrowed it from our children.'
Explain the above statement with an example. 3

29. Identify the road development project from the map given below and briefly describe it.

3



SECTION D

LONG ANSWER BASED QUESTIONS (5X4=120)

30. 'Business is all about solving people's problems - at a profit.'

Explain how banks function like a business with respect to the above statement.

5

OR

'A bank is a place that will lend you money if you can prove that you do not need it.'

Justify the above statement in relation to the banks' requirements to ensure the security of the funds they lend.

31. 'Agricultural sector and manufacturing sector move hand in hand.'

Justify the above statement with suitable examples.

5

OR

'Determining an ideal industrial location is a challenging undertaking.'

Examine the above statement and elucidate.

32. Define political parties and describe any four problem areas in their working that they need to face and overcome. 5

OR

Describe some ways political parties around the world can be reformed to overcome the challenges they face.

33. 'Language is power, life and the instrument of culture, the instrument of liberation.'
Justify the above statement in light of the Nationalist Movement in Poland, Europe. 5

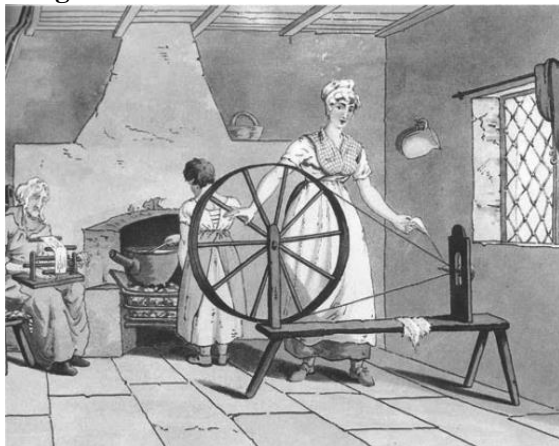
OR

'Importance of culture - art, poetry, stories and music help shape nationalist feelings.'
Justify the above statement with respect to European nationalism.

SECTION E
CASE BASED QUESTIONS (4X3=12)

34. Observe the two images given below and answer the questions that follow. 4

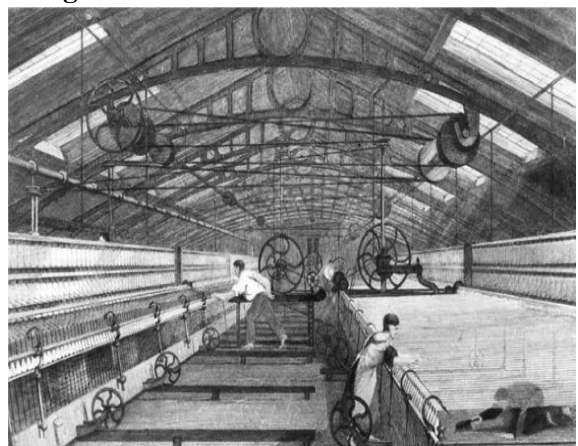
Image-1



Spinning in the eighteenth century.

You can see each member of the family involved in the production of yarn. Notice that one wheel is moving only one spindle.

Image-2



A spinning factory in 1930.

You can see how giant wheels moved by steam power could in motion hundreds of spindles to manufacture thread.

- Identify one similarity between the images given. (1)
- How did James Watt contribute to the activity seen in image 2? (1)
- Analyse the effect on the labour force in the cotton industry due to James Watt's contribution. (2)

35. Read the passage given below and answer the questions that follow.

4

Today, Indian agriculture finds itself at a crossroads. To make agriculture successful and profitable, proper thrust should be given to the improvement of the condition of marginal and small farmers. The green revolution promised much. But today it's under controversy. The keyword today is "gene revolution", which includes genetic engineering. Organic farming is [also] much in vogue today because it is practised without factory-made chemicals such as fertilisers and pesticides. A few economists think that Indian farmers have a bleak future if they continue growing food grains on the holdings that grow smaller and smaller as the population rises. India's rural population is about 600 million which depends upon 250 million (approximate) hectares of agricultural land, an average of less than half a hectare per person. Indian farmers should diversify their cropping pattern from cereals to high-value crops. This will increase incomes and reduce environmental degradation simultaneously. Because fruits, medicinal herbs, flowers, vegetables, and bio-diesel crops like jatropha and jojoba need much less irrigation than rice or sugarcane. India's diverse climate can be harnessed to grow a wide range of high-value crops.

Source: NCERT Contemporary India, Chapter-4, Agriculture

Give two reasons why the Green Revolution is under controversy. 1

'holdings that grow smaller and smaller as the population rises.' Evaluate why this is a concern. 1

Bio-diesel crops like jatropha and jojoba have been referred to as high-value crops. Why? 2

36. Read the passage, observe the image given below and answer the questions that follow.

4



© Tab - The Calgary Sun, Cagle Cartoons Inc.

The cartoon above refers to the problems of running Germany's grand coalition government that includes the country's two major parties, namely the Christian Democratic Union and the Social Democratic Party. The two parties are rivals to each

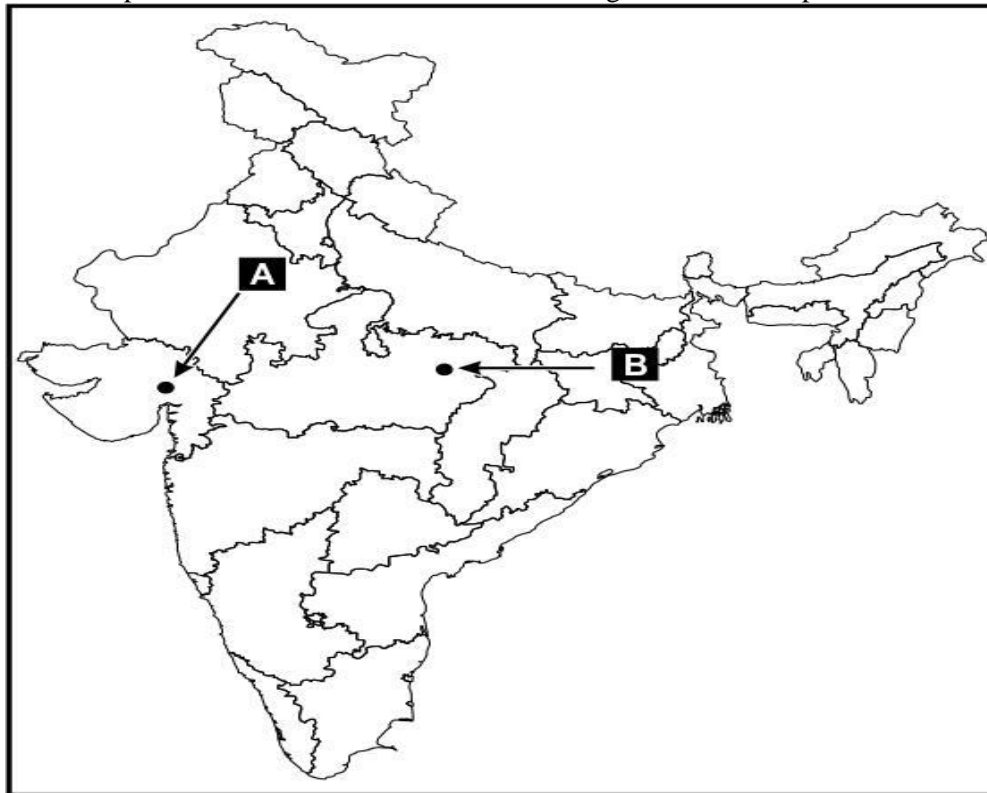
other. They had to form a coalition government because neither of them got a clear majority of seats on their own in the 2005 elections. They take divergent positions on several policy matters but jointly run the government.

Source (edited): NCERT

- Which disadvantage of coalition governments is the image highlighting? 1
Why did the rival parties choose to make a coalition despite being rivals? 1
How does a democratic system, at times, cause such a challenge? 2

SECTION F
MAP SKILLS BASED QUESTIONS (2+3=5)

37. 37a. Two places A and B have been marked on the given outline map of India. 2



Identify A and B based on the events given below.

- A. The place of Cotton Mill Workers Satyagraha.
- B. The 1920 Indian National Congress session took place here.

- 37b. On an outline map of India, locate and label any **THREE** of the following with suitable symbols.

- A. Rana Pratap Sagar
- B. Singrauli Thermal Plant
- C. Gandhinagar Software Technology Park
- D. Paradip Port

3

NOTE: The following questions are for Visually Impaired Candidates in lieu of Q. No. 37. Attempt any FIVE questions.

	5
Name the place where an unfortunate incident happened, due to which the Non-Cooperation Movement was called off.	1
Name the place where the session of Indian National Congress was held in Dec 1920.	1
Name the state where Sardar Sarovar Dam is located.	1
Name the state where Singrauli thermal power plant is located.	1
Name the state where Pune Software Technology Park is located.	1
Name the state where Tuticorin Sea Port is located.	1

(END)



NIRJA SAHAY DAV PUBLIC SCHOOL

KANKE, RANCHI - 06

HOLIDAY HOMEWORK, 2023-24

Class: X

INFORMATION TECHNOLOGY (SQP)

MM: 50

General Instructions:

1. Please read the instructions carefully.
2. This Question Paper consists of **21 questions** in two sections: Section A & Section B.
3. Section A has Objective type questions whereas Section B contains Subjective type questions.
4. **Out of the given (5 + 16 =) 21 questions, a candidate has to answer (5 + 10 =) 15 questions in the allotted (maximum) time of 2 hours.**
5. All questions of a particular section must be attempted in the correct order.
6. **SECTION A – OBJECTIVE TYPE QUESTIONS (24 MARKS):**
 - i. This section has 05 questions.
 - ii. Marks allotted are mentioned against each question/part.
 - iii. There is no negative marking.
 - iv. Do as per the instructions given.
7. **SECTION B – SUBJECTIVE TYPE QUESTIONS (26 MARKS):**
 - i. This section has 16 questions.
 - ii. A candidate has to do 10 questions.
 - iii. Do as per the instructions given.
 - iv. Marks allotted are mentioned against each question/part.

SECTION A: OBJECTIVE TYPE QUESTIONS

1. **Answer any 4 out of the given 6 questions on Employability Skills (1 x 4 = 4 marks)**

- i. _____ operating system enables multiple users to work on the same computer at different times or simultaneously.
 - a. multi-programming.
 - b. multi-processors.
 - c. multi-user.
 - d. multi-tasking.
- ii. _____ is a series of postures and breathing exercises practiced to achieve control of body and mind.
 - a. Meditation
 - b. Nature Walk
 - c. Yoga
 - d. Physical Exercise
- iii. From the following statements, which one is not correct about the Qualities of an entrepreneur
 - a. Successful entrepreneurs adapt the habit of hard work from a very early stage.
 - b. Entrepreneur should not think optimistically about the future of the business.
 - c. Confident entrepreneur must not deviate from his/her decisions too early in case success is delayed.
 - d. Entrepreneurs like to function at their own will and rules.
- iv. To remove the files of temporary folder, we type _____ in Run dialog box after pressing “Windows button + R” on the keyboard.
 - a. #temp#
 - b. %temp%
 - c. e\$temp%
 - d. &temp&
- v. _____ is not the quality of self-confident people.
 - a. Dependent
 - b. Positive Attitude
 - c. Hard Working
 - d. Commitment

- vi. From the following statements, which one is not the positive impact of Entrepreneurship on society:
- a. Stimulates Innovation and Efficiency
 - b. Creates Jobs and Employment Opportunities
 - c. Solves the problems of the society
 - d. Discourages welfare of the society

2. Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)

- i. _____ key is used to reduce repetitive strain.
- a. Sticky
 - b. Serial
 - c. Mouse
 - d. Toggle
- ii. _____ means that the query uses criteria you provide to hide some data and display only required data.
- a. Filtering
 - b. Report
 - c. Sorting
 - d. Forms
- iii. Which of the following application is not appropriate to store data about ABC Bank customers?
- a. Open Office Base
 - b. MS Access
 - c. Open Office Writer
 - d. MS Excel
- iv. When you open a new spreadsheet, by default, it has a sheet named _____ which is managed using tabs at the bottom of the spreadsheet.
- a. Sheet1
 - b. Worksheet1
 - c. Untitled1
 - d. New Sheet

- v. In a word processor, _____ option is selected for a scaled resizing of an image.
 - a. Original Size
 - b. Image Size
 - c. Keep ratio
 - d. Relative
- vi. Multiple copies of the same file leads to _____.
 - a. Data Inconsistency
 - b. Data Consistency
 - c. Data Redundancy
 - d. Foreign Key

3. Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)

- i. It is a reference point for the graphics which is created while positioning any image.

This point could be the page, or frame where the object is either a paragraph, or even a character in a word processor.

 - a. Wrap Text
 - b. Alignment
 - c. Anchoring
 - d. BookMark
- ii. Identify the property which help to set the number of characters in text/varchar type field of a table in DBMS.
 - a. Entry Required
 - b. Default Value
 - c. Size
 - d. Length
- iii. _____ is designed to help users with auditory impairments.
 - a. Sound Sentry
 - b. High Contrast

- c. Serial key
- d. Show Sounds
- iv. State whether True or False:
“It is not possible to create a default template in a Word processor”.
 - a. True
 - b. False
- v. Reviewers and authors can add their _____ to explain their changes in the cell of Spreadsheet.
 - a. Comments
 - b. Hyperlink
 - c. Worksheet
 - d. Macros
- vi. In Calc, Arguments passed to a macro from Calc are always _____.
 - a. Cell Reference
 - b. Value
 - c. Both a and b
 - d. Sheet Reference

4. Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)

- i. Identify the website that offers offline blog service for free.
 - a. Blogdesk
 - b. Qumana
 - c. WordPress
 - d. both a and b
- ii. John has written a book consisting of fifteen chapters. He wanted to make the index of the book. Suggest him the option used to create the index automatically in a word processor.
 - a. Tables
 - b. Mail Merge
 - c. Columns
 - d. Table of Content

- iii. The length of the field value of text data type is _____ characters by default in DBMS.
- a. 10
 - b. 25
 - c. 20
 - d. 50
- iv. A healthy lifestyle helps to keep and improve people's health and well-being. It does not include:
- a. healthy eating habits
 - b. stress management
 - c. physical activities
 - d. less sleep
- v. In a spreadsheet using to create a hyperlink to a web FTP or Telnet, click on the _____ icon available in Hyperlink dialog box.
- a. browser
 - b. hyperlink
 - c. Internet
 - d. mail & news
- vi. A _____ refers to a cell or a range of cells on a worksheet and can be used to find the values or data that you want formula to calculate.
- a. Cell reference
 - b. Sheet Reference
 - c. Block
 - d. Autofill

5. Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)

- i. Identify the mode, where we can modify in the structure of table?
- a. Datasheet view
 - b. Structure view
 - c. Design view
 - d. All of the above

- ii. BSNL stands for _____.
 - a. Bihar Sanchar Nigam Limited
 - b. Bharat Samachar Nigam Limited
 - c. Bharat Sanchar Nigam Limited
 - d. None of these
- iii. _____ function takes data from a series of worksheets or workbooks and summaries it into a single worksheet that you can update easily.
 - a. Data Combination
 - b. Data Merging Data
 - c. Data Consolidation
 - d. Concatenation
- iv. _____ store data in a single table which is suitable to store less amount of Data.
 - a. Flat File
 - b. Relational
 - c. Mini File
 - d. Single File
- v. In a word processor, by default, evaluates _____ levels of headings when it builds the table of contents.
 - a. 3
 - b. 7
 - c. 10
 - d. 12
- vi. In _____ Networks, all computers have an equal status and each terminal has an equally competent CPU.
 - a. MAN
 - b. WAN
 - c. Client Server
 - d. P2P

SECTION B: SUBJECTIVE TYPE QUESTIONS

Answer any 3 out of the given 5 questions on Employability Skills (2 x 3 = 6 marks)

Answer each question in 20 – 30 words.

6. What are the advantages of the ability to Work Independently?
7. Name the Stress causal agents.
8. What do you mean by Disk Defragmentation?
9. Explain any two Myths about Entrepreneurship.
10. Write any four roles of Entrepreneurs.

Answer any 4 out of the given 6 questions in 20 – 30 words each (2 x 4 = 8 marks)

11. State any two purposes of using Templates in a word document.
12. Mention any two operations that can be performed using Macros in a spreadsheet.
13. What do you mean by Hyperlinks in Spreadsheets? Give the two different types of Hyperlinks that can be used in Spreadsheets.
14. List Numeric and Alphanumeric Datatypes in OpenOffice Base.
15. Differentiate between Filter keys and Toggle keys in Microsoft Windows.
16. In which situations Online shopping could be useful? Write any two popular ecommerce websites.

Answer any 3 out of the given 5 questions in 50– 80 words each (4 x 3 = 12 marks)

17. Anshita is preparing spreadsheet notes for her Term Exam. Help her to write short note on the following:
 1. Scenarios
 2. Goal Seek
 3. Solver
 4. Subtotal
18. Tanmay is a Class X student. He has learnt Mail Merge option of a Word Processor in his computer period. But he is confused with few terms used to merge documents. Explain the following briefly, which will help Tanmay better understand the Mail Merge options.
 1. Merge Field
 2. Data Source

3. Main Document

4. Mention two types of data on which mail merge can be applied.

19. Consider the following table: **Sales**

Sale_Id	Prod_Name	Price	Discount
1101	Laptop	65000	2500
1103	Pen tab	29500	1000
1105	Desktop	50000	1550
1106	Printer	12000	2000

1. How many fields and records are there in Sales table?

2. Write SQL commands for the following:

- i. Display Sales ID and price of all products whose discount is more than 1000.
- ii. Display the details alphabetically by product name.
- iii. Display product name and sales price after deducting the discount from the price.

Note: Sales price can be calculated as (price-discount)

20. Your friend owns a chemist shop, he needs to keep records of the medicines with their id's, date of purchase, expiry date, price, etc. in a database program. But he does not have any knowledge about the database. Explain to him the following to get a better understanding of the DBMS concepts.

1. What is DBMS? Explain in brief.
2. Name any two database programs which can be used to create a table and store the data as per the requirement.
3. Which field can be set as a Primary Key?
4. Is it possible to make more than one field as a primary key in your table?
(Yes/No). Justify your answer.

21. Vicky is a student of class X. He used to get the work based on internet surfing, But he is not aware of the internet and its terminology. Being a friend of Vicky, help him in finding the answers of the following questions.

- a. What do you mean by Internet Service Provider?
- b. Expand the following terms:
 - i. WAP
 - ii. W3
- c. Mention any two advantages of Networking.
- d. What is a Blog? Name any two Online Blogs.

Note: Prepare the solution in A4 sheets
and submit on 26.10.2023.

Sample Question Paper 2023-24
Class X
Science (Subject Code – 086)

Max. Marks: 80

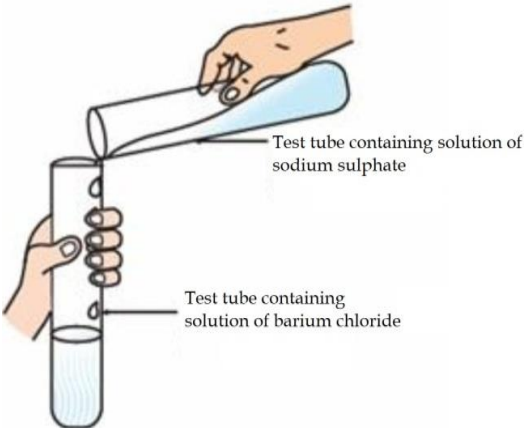
Time Allowed: 3 hours

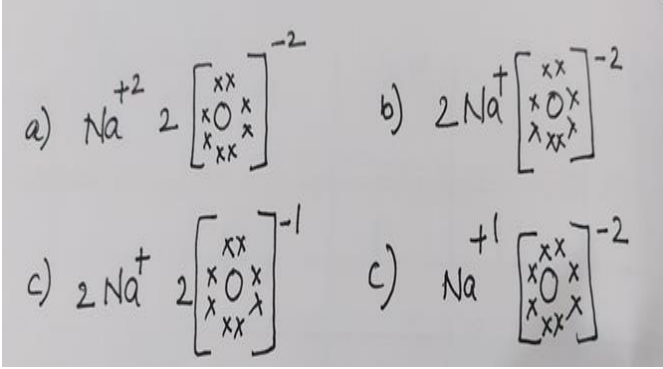
General Instructions:

- i. This question paper consists of 39 questions in 5 sections.
- ii. All questions are compulsory. However, an internal choice is provided in some questions. A student is expected to attempt only one of these questions.
- iii. Section A consists of 20 objective type questions carrying 1 mark each.
- iv. Section B consists of 6 Very Short questions carrying 02 marks each. Answers to these questions should be in the range of 30 to 50 words.
- v. Section C consists of 7 Short Answer type questions carrying 03 marks each. Answers to these questions should be in the range of 50 to 80 words.
- vi. Section D consists of 3 Long Answer type questions carrying 05 marks each. Answer to these questions should be in the range of 80 to 120 words.
- vii. Section E consists of 3 source-based/case-based units of assessment of 04 marks each with sub-parts.

Section-A

Select and write the most appropriate option out of the four options given for each of the questions 1 - 20. There is no negative mark for incorrect response.

Q. Nos.	Questions	Marks
1	 <p>Identify the product which represents the solid state in the above reaction.</p> <ol style="list-style-type: none">a) Barium chlorideb) Barium sulphatec) Sodium chlorided) Sodium sulphate	1
2	<p>The colour of the solution observed after 30 minutes of placing zinc metal to copper sulphate solution is</p> <ol style="list-style-type: none">a) Blueb) Colourlessc) Dirty greend) Reddish Brown	1
3	<p>Mild non-corrosive basic salt is</p> <ol style="list-style-type: none">a) $\text{Ca}(\text{OH})_2$b) NaClc) NaOHd) NaHCO_3	1

4	<p>On adding dilute sulphuric acid to a test tube containing a metal 'X', a colourless gas is produced when a burning match stick is brought near it. Which of the following correctly represents metal 'X'?</p> <p>a) Sodium b) Sulphur c) Copper d) Silver</p>	1
5	<p>Which one of the following correctly represents Sodium oxide?</p>  <p>The image shows four handwritten chemical structures for Sodium oxide (Na₂O): a) $Na^{+2} 2 \left[\begin{array}{c} xx \\ xOx \\ xxx \end{array} \right]^{-2}$ b) $2Na^+ \left[\begin{array}{c} xx \\ xOx \\ xxx \end{array} \right]^{-2}$ c) $2Na^+ 2 \left[\begin{array}{c} xx \\ xOx \\ xxx \end{array} \right]^{-1}$ d) $Na^{+1} \left[\begin{array}{c} xx \\ xOx \\ xxx \end{array} \right]^{-2}$</p>	1
6	<p>An element with atomic number_____ will form a basic oxide.</p> <p>a) 7 (2,5) b) 17 (2,8,7) c) 14 (2,8,4) d) 11 (2,8,1)</p>	1
7	<p>An element 'M' has 50% of the electrons filled in the 3rd shell as in the 2nd shell. The atomic number of 'M' is:</p> <p>a) 10 b) 12 c) 14 d) 18</p>	1
8	<p>Generally food is broken and absorbed within the body of organisms. In which of the following organisms is it done outside the body?</p> <p>a) <i>Amoeba</i> b) Mushroom c) <i>Paramecium</i> d) Lice</p>	1
9	<p>Receptors are usually located in sense organs. Gustatory receptors are present in</p> <p>a) tongue b) nose c) eye d) ear</p>	1
10	<p>A farmer wants to grow banana plants genetically similar enough to the plants already available in his field. Which one of the following methods would you suggest for this purpose?</p> <p>a) Regeneration b) Budding c) Vegetative propagation d) Sexual reproduction</p>	1

11	Height of a plant is regulated by: a) DNA which is directly influenced by growth hormone. b) Genes which regulate the proteins directly. c) Growth hormones under the influence of the enzymes coded by a gene. d) Growth hormones directly under the influence a gene.	1
12	A sportsman, after a long break of his routine exercise, suffered muscular cramps during a heavy exercise session. This happened due to: a) lack of carbon dioxide and formation of pyruvate. b) presence of oxygen and formation of ethanol. c) lack of oxygen and formation of lactic acid. d) lack of oxygen and formation of carbon dioxide.	1
13	An object is placed in front of a convex mirror. Its image is formed : a) at a distance equal to the object distance in front of the mirror. b) at twice the distance of the object in front of the mirror. c) half the distance of the object in front of the mirror. d) behind the mirror and it's position varies according to the object distance.	1
14	When light enters the atmosphere it strikes on extremely fine particles, which deflect the rays of light in all possible directions, This is due to - a) reflection of light b) atmospheric refraction c) scattering of light d) dispersion of light	1
15	In 1987, an agreement was formulated by the United Nations Environment Programme (UNEP) to freeze the production of "X" to prevent depletion of "Y". "X" and "Y" respectively referred here are: a) Ozone; CFCs b) CFCs; rays UV c) CFCs; Ozone d) UV rays; Diatomic oxygen	1
16	Which of the following features relates to biodegradable substances? a) Broken down by biological processes b) Remain inert c) Persist in environment for long time d) May harm the ecosystem	1
	Question No. 17 to 20 consist of two statements – Assertion (A) and Reason (R). Answer these questions selecting the appropriate option given below: a) Both A and R are true, and R is the correct explanation of A. b) Both A and R are true, and R is not the correct explanation of A. c) A is true but R is false. d) A is false but R is true.	
17	Assertion: Rusting of Iron is endothermic in nature. Reason: As the reaction is slow, the release of heat is barely evident.	1
18	Assertion: Probability of survival of an organism produced through sexual reproduction is more than that of organism produced through asexual mode. Reason: Variations provide advantages to individuals for survival.	1

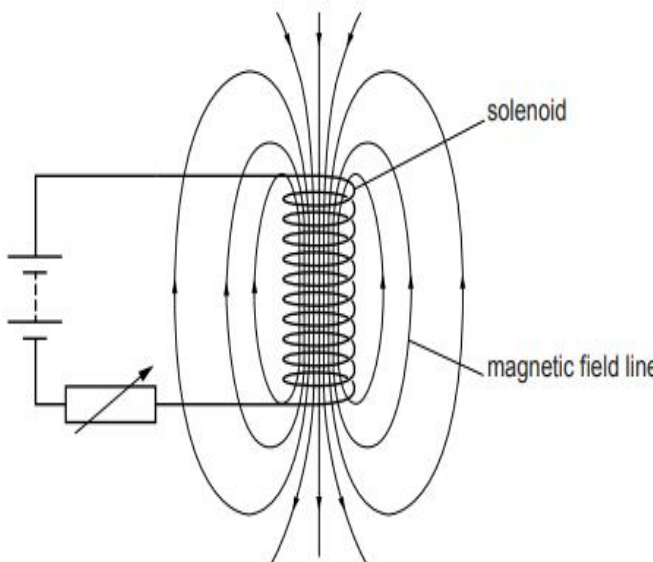
19	Assertion : A compass needle is placed near a current carrying wire. The deflection of the compass needle decreases when the magnitude of the current in the wire is increased. Reason : The strength of a magnetic field at a point near the conductor increases on increasing the current.	1
20	Assertion: Biodegradable substances result in the formation of compost and natural replenishment. Reason: It is due to breakdown of complex inorganic substances into simple organic substances.	1

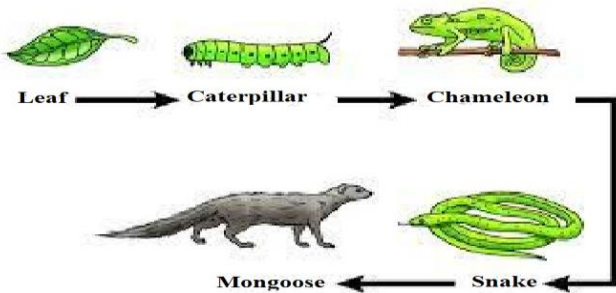
Section-B

Question No. 21 to 26 are very short answer questions

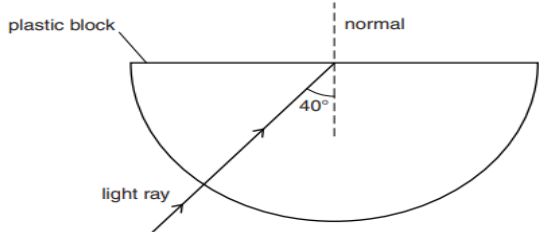
21	Dil. HCl is added to Zn granules.” How will you prove that chemical change has taken place here? Support your response with two arguments.	2
22	State the post-fertilisation changes that lead to fruit formation in plants.	2
23	What is the purpose of making urine in the human body? Name the organs that stores and releases the urine. OR Why do arteries have thick and elastic walls whereas veins have valves?	2

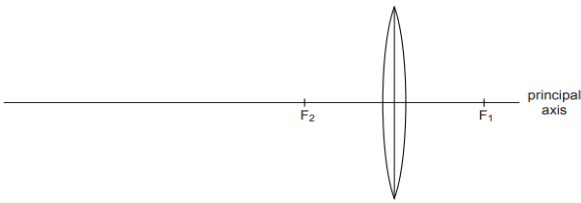
24	The refractive indices of three media are given below: <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Medium</th> <th>Refractive Index</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1.6</td> </tr> <tr> <td>B</td> <td>1.8</td> </tr> <tr> <td>C</td> <td>1.5</td> </tr> </tbody> </table> <p>A ray of light is travelling from A to B and another ray is travelling from B to C. (a) In which of the two cases the refracted ray bends towards the normal? (b) In which case does the speed of light increase in the second medium? Give reasons for your answer.</p>	Medium	Refractive Index	A	1.6	B	1.8	C	1.5	2
Medium	Refractive Index									
A	1.6									
B	1.8									
C	1.5									

25	A piece of wire of resistance R is cut into three equal parts. These parts are then connected in parallel. If the equivalent resistance of this parallel combination is R_1 , what is the value of the ratio $R_1 : R$? OR Refer to the image below and state how the magnetic field pattern indicates regions where the magnetic field is stronger outside the magnet? What happens to the magnetic field when the current in the circuit is reversed? 	2
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26	<p>Study the food chain given below and answer the questions that follow:</p> <div style="text-align: center;">  <pre> graph LR Leaf --> Caterpillar Caterpillar --> Chameleon Chameleon --> Snake Snake --> Mongoose </pre> </div> <p>a) If the amount of energy available at the third trophic level is 100 joules, then how much energy will be available at the producer level? Justify your answer.</p> <p>b) Is it possible to have 2 more trophic levels in this food chain just before the fourth trophic level? Justify your answer.</p>	2
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Section-C
Question No. 27 to 33 are short answer questions

27	<p>The given reaction shows one of the processes to extract the metals like Iron and Manganese.</p> $\text{MnO}_2(\text{s}) + \text{Al}(\text{s}) \rightarrow \text{Mn}(\text{l}) + \text{Al}_2\text{O}_3(\text{s}) + \text{Heat}$ <p>a) Give reason why the above reaction is known as a thermite reaction.</p> <p>b) Identify the substance oxidised and reduced in the above reaction.</p> <p>c) Give a reason why Aluminium is preferably used in thermite reactions.</p>	3
28	<p>An element 'M' with electronic configuration 2 8 3 combines separately with Cl^-, SO_4^{2-} anions. Write the chemical formulae of the compounds formed. Predict with the suitable reason the nature of the bond formed by element 'M' in general. How will the electrical conductivity of the compounds formed vary with respect to 'M'?</p> <p style="text-align: center;">OR</p> <p>A reddish-brown metal 'X', when heated in air, gives a black compound 'Y', which when heated in presence of H_2 gas gives 'X' back. 'X' is refined by the process of electrolysis; this refined form of 'X' is used in electrical wiring.</p> <p>Identify 'X' and 'Y'. Draw a well-labeled diagram to represent the process of refining 'X'.</p>	3
29	We are advised to take iodised salt in our diet by doctors. Justify its importance in our body.	3
30	What is the probability of a girl or a boy being born in a family? Justify your answer.	3
31	<p>(i) Explain why the refractive index of any material with respect to air is always greater than 1.</p> <p>(ii) In the figure below a light ray travels from air into the semi-circular plastic block. Give a reason why the ray does not deviate at the semi-circular boundary of the plastic block.</p> <div style="text-align: center;">  </div> <p>(iii) Complete the ray diagram of the above scenario when the light ray comes out of the plastic block from the top flat end.</p>	1+1+1
32	<p>(i) State the law that explains the heating effect of current with respect to the measurable properties in an electrical circuit.</p> <p>(ii) List the factors on which the resistance of a conductor depends.</p>	2+1

33	<p>Anannya responded to the question: Why do electrical appliances with metallic bodies are connected to the mains through a three pin plug, whereas an electric bulb can be connected with a two pin plug?</p> <p>She wrote: Three pin connections reduce heating of connecting wires.</p> <p>(i) Is her answer correct or incorrect? Justify.</p> <p>(ii) What is the function of a fuse in a domestic circuit?</p>	2+1
<p>Section-D</p> <p>Question No. 34 to 36 are long answer questions.</p>		
34	<p>a) Rehmat classified the reaction between Methane and Chlorine in presence of sunlight as a substitution reaction. Support Rehmat's view with suitable justification and illustrate the reaction with the help of a balanced chemical equation.</p> <p>b) Chlorine gas was prepared using electrolysis of brine solution. Write the chemical equation to represent the change. Identify the other products formed in the process and give one application of each.</p> <p style="text-align: center;">OR</p> <p>Raina while doing certain reactions observed that heating of substance 'X' with vinegar like smell with a substance 'Y' (which is used as an industrial solvent) in presence of conc. Sulphuric acid on a water bath gives a sweet-smelling liquid 'Z' having molecular formula $C_4H_8O_2$. When heated with caustic soda (NaOH), 'Z' gives back the sodium salt of and the compound 'Y'.</p> <p>Identify 'X', 'Y', and 'Z'. Illustrate the changes with the help of suitable chemical equations.</p>	5
35	<p>Given below are certain situations. Analyze and describe its possible impact on a person:</p> <p>a) Testes of a male boy are not able to descend into scrotum during his embryonic development.</p> <p>b) Vas deferens of a man is plugged.</p> <p>c) Prostate and seminal vesicles are not functional.</p> <p>d) Egg is not fertilised in a human female.</p> <p>e) Placenta does not attach to the uterus optimally.</p> <p style="text-align: center;">OR</p> <p>a) A doctor has advised Sameer to reduce sugar intake in his diet and do regular exercise after checking his blood test reports. Which disease do you think Sameer is suffering from? Name the hormone responsible for this disease and the organ producing the hormone.</p> <p>b) Which hormone is present in the areas of rapid cell division in a plant and which hormone inhibits the growth?</p>	5 3+2
36	<div style="text-align: center;">  </div> <p>The above image shows a thin lens of focal length 5m.</p> <p>(i) What is the kind of lens shown in the above figure?</p> <p>(ii) If a real inverted image is to be formed by this lens at a distance of 7m from the optical centre, then show with calculation where should the object be placed?</p> <p>(iii) Draw a neatly labelled diagram of the image formation mentioned in (ii)</p> <p style="text-align: center;">OR</p> <p>A 10 cm long pencil is placed 5 cm in front of a concave mirror having a radius of curvature of 40 cm.</p>	1+2+2 2+1+2

- (i) Determine the position of the image formed by this mirror.
(ii) What is the size of the image?
(iii) Draw a ray diagram to show the formation of the image as mentioned in the part (i).

SECTION - E

Question No. 37 to 39 are case-based/data -based questions with 2 to 3 short sub-parts. Internal choice is provided in one of these sub-parts.

37 The table given below shows the hints given by the quiz master in a quiz. 4

S.NO	HINT
(i)	Substance 'C' is used as a preservative.
(ii)	'C' has two carbon atoms; 'C' is obtained by the reaction of 'A' in presence of alkaline Potassium permanganate followed by acidification.
(iii)	Misuse of 'A' in industries is prevented by adding Methanol, Benzene, and pyridine to 'A'.
(iv)	'F' is formed on heating 'A' in presence of conc Sulphuric acid.
(v)	'F' reacts with Hydrogen gas in presence of Nickel and Palladium catalyst.

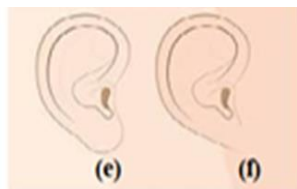
Based on the above hints answer the following questions

- a) Give the IUPAC names of A and F
b) Illustrate with the help of chemical equations the changes taking place. ($A \rightarrow C$ and $A \rightarrow F$)

OR

Name the chemical reactions which occur in steps 2 and 5. Identify the compounds formed in these steps if 'A' is replaced with its next homologue.

38 Figures (a) to (d) given below represent the type of ear lobes present in a family consisting of 2 children – Rahul, Nisha and their parents. 4



Type of ear lobes

Excited by his observation of different types of ear lobes present in his family, Rahul conducted a survey of the type of ear lobes found {Figure (e) and (f)} in his classmates. He found two types of ear lobes in his classmates as per the frequency given below:

Sex	Free	Attached
Male	36	14
Female	31	19

On the basis of above data answer the following questions.

- a) Which of the two characteristics - 'free ear lobe' or 'attached ear lobe' appears to be dominant in this case? Why?
b) Is the inheritance of the free ear lobe linked with sex of the individual? Give reason for your answer.
c) What type of ear lobe is present in father, mother, Rahul and his sister Nisha? Write the genetic constitution of each of these family members which explains the inheritance of this character in this family?

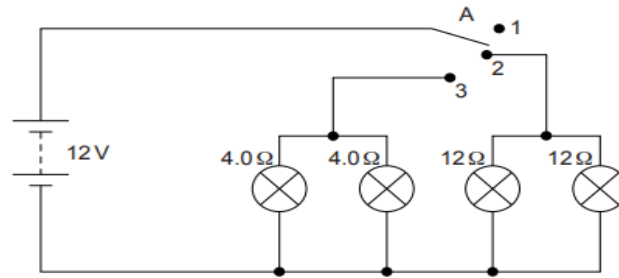
(Gene for Free ear lobe is represented by F and gene for attached ear lobe is represented by f for writing the genetic constitution).

OR

Suresh's parents have attached earlobes. What type of ear lobe can be seen in Suresh and his sister Siya? Explain by giving the genetic composition of all.

39

1+1+2



Vinita and Ahmed demonstrated a circuit that operates the two headlights and the two sidelights of a car, in their school exhibition. Based on their demonstrated circuit, answer the following questions.

- (i) State what happens when switch A is connected to
 - a) Position 2
 - b) Position 3
- (ii) Find the potential difference across each lamp when lit.
- (iii) Calculate the current
 - a) in each 12 Ω lamp when lit.
 - b) In each 4 Ω lamp when lit.

OR

- (iv) Show, with calculations, which type of lamp, 4.0 Ω or 12 Ω, has the higher power.
