N. K. BAGRODIA GLOBAL SCHOOL

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Session: 2024-25
Sample Paper

SUBJECT: ENGLISH	**MAX. MARKS: 80**
CLASS: X	**DURATION: 3 Hours**

General Instructions:

- Read all the questions carefully.
- The question paper is divided into *Four* sections:

SECTION A READING	**22 Marks**
SECTION B WRITING	**22 Marks**
SECTION C GRAMMAR	**10 Marks**
SECTION D LITERATURE	**26 Marks**

- All questions are compulsory.
- All the answers should be numbered correctly

SECTION- A
READING

Q1.	**Read the following passage and answer the questions that follow: (12 Marks)**	12 marks
	One day, while at work in the coal-mine, I happened to overhear two miners talking about a great school for coloured people somewhere in Virginia.	

I heard one tell the other that not only was the school established for the members of my race, but that opportunities were provided by which poor but worthy students could work out all or a part of the cost of board and at the same time be taught some trade or industry. I resolved at once to go to that school, although I had no idea where it was, or how many miles away or how I was going to reach it. I remembered only that I was on fire constantly with one ambition and that was to go to Hampton.

While at work here, I heard of a vacant position in the household of General Lewis Ruffner, the owner of the salt-furnace and coal-mine. Mother applied to her for the vacant position. I was hired at a salary of $5 per month. I soon began to learn that first of all, she wanted everything keep clean about her, that she wanted things done promptly and systematically and that at the bottom of everything she wanted absolute honesty and frankness. The small amount of money that I had earned had been consumed by my stepfather and the remainder of the family, with the exception of a very few dollars, and so I had very little with which to buy clothes and pay my traveling expenses.

Finally, the great day came and I started for Hampton. The distance from Malden to Hampton is about five hundred miles. I had not been away from home many hours before it became painfully clear that I did not have enough money to pay my fare to Hampton.

By walking, begging rides both in wagons and in cars, in some way, after a number of days, I reached the city of Richmond, Virginia, about eighty-two miles from Hampton. When I reached there, tired, hungry and dirty, it was late in the night. I had never been in a large city and this rather added to my misery. When I reached Richmond I was completely out of money. I had not a single acquaintance in the place and being unused to city ways; I did not know where to go.

I lay for the night upon the ground, with my satchel of clothing for a pillow. The next morning I noticed that I was near a large ship. I went at once to the vessel and asked the captain to permit me to help unload the vessel in order to get money for food. The captain, a white man, who seemed to be kind-hearted, consented. I worked long enough to earn money for my breakfast and it seems to me, as I remember it now, to have been about the best breakfast that I have ever eaten. My work pleased the captain so well that he told me if I desired I could continue working for a small amount per day. This I was very glad to do.

I thanked the captain of the vessel for his kindness and started again. Without any unusual occurrence I reached Hampton with a surplus of exactly fifty cents with which to begin my education.

I presented myself before the head teacher for assignment to a class. Having been so long without proper food, a bath and change of clothing, I did not, of course, make a very favourable impression upon her.

For some time she neither refused to admit me nor did she decide in my favour and I continued to linger about her. After some hours had passed, the head teacher said to me: "The adjoining recitation-room needs sweeping. Take the broom and sweep it."
I swept the recitation room three times, then I got a dusting cloth, and I dusted it four times. I cleaned every corner of that room. I had the feeling that in a large measure my future depended upon the impression I made upon the teacher in the cleaning of that room. When I was through I reported to the head teacher. She went into the room and inspected the floor and closets; then she took her handkerchief and rubbed it on the woodwork about the walls and over the table and benches. When she was unable to find one bit of dirt on the floor or a particle of dust on any of the furniture, she quietly remarked, "I guess you will do to enter this institution." I was one of the happiest-souls on Earth. The sweeping of that room was my college examination. I have passed several examinations since then, but I always felt that this was the best one I had ever passed.........

(MCB Theme: Education)

Answer the following questions based on the passage given above.

1. After working in the coal mine, where did the boy work next?   (1)
(a) On the ship
(b) At Mrs. Ruffner's house
(c) Did not work
(d) At a shop

2. What happened to the money he had earned at Mrs. Ruffner's house?   (2)

3. What did the narrator learn at Mrs. Ruffner's house?   (1)
(a) To clean
(b) To cook
(c) To drive
(d) To dance

4. How far was Hampton from Malden? Was he able to hire a coach? What did he do and where did he reach? **(2)**

5. What did he do in Richmond in order to earn for his journey to Hampton? (1)

6. Substitute the underlined word in the sentence with the word from the passage which means the same. **(1)**
   "I do not have many friends in this region."

7. Which characteristics could be associated with the narrator? **(1)**
(a) Determined
 (b) Hard working
(c) Desperate
(d) All of these

8. Complete the given sentence appropriately. **(1)**
The writer did not make a favourable impression on the head teacher because.......

9. Complete the sentence appropriately. **(1)**
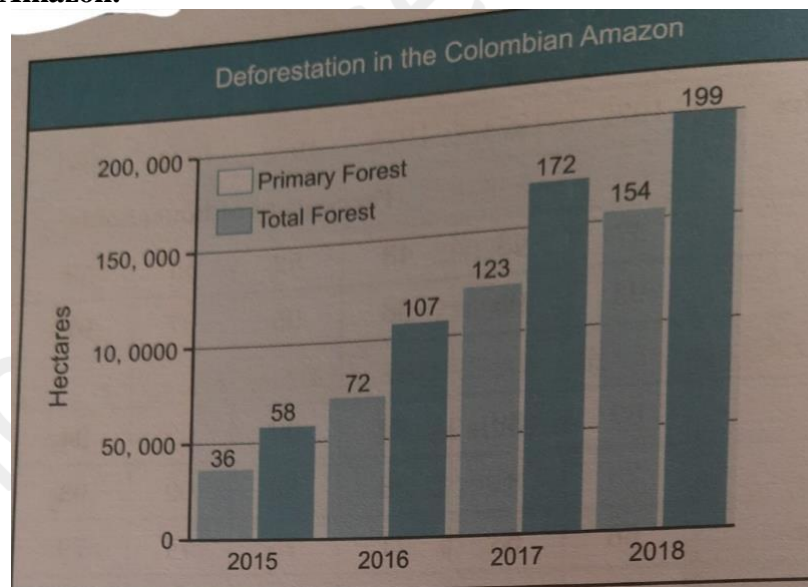The narrator had to......... in order to get admission to the Hampton Institute.

10. State whether the given assertion is True or False. **(1)**
        The narrator could finally receive education.

Q2. **Read the following graph displaying the statistical data of deforestation in the Colombian Amazon.** | 10 marks

Answer the following questions, based on the graph above.

(a) What is the meaning of 'primary forest'? **(1)**
(b) What is the total difference in primary forest cover and total forest cover between the first and fourth year of assessment? **(1)**
   (i) 118 vs 141   (ii)36 vs 154
   (iii) 58 vs 199   (iv) 58 vs 154

(c) How many hectares of total forest area has been destroyed by the year 2018? **(1)**

(d) Select the correct option to fill the blank and complete the analogy.   (1)
_____ : predominant:: area : hectare

(i) primary   (ii) total
(iii) secondary   (iv) initial

(e) Based on the understanding of the given graph, what will be the major impact of deforestation on the Earth?   (2)

(f) Complete the given sentence with the appropriate reason.   (1)
We can infer that the Columbian region has suffered in its forest cover because
_____ .

(g) Explain the reasons why situation (iii) describes most accurately die cause for deforestation.   (2)
(i) One of the main deforestation drivers in the region is conversion to pasture for land grabbing or cattle ranching.
(ii) Increase in human population.
(iii) Increased need for land because man requires space to convert into pasture to raise cattle, for agriculture and to build houses, roads and other means of transportation.

(h) The Colombian Amazon lost nearly 478,000 hectares of forest between 2016 and 2018. Is the given statement true or false?   (1)

SECTION- B
WRITING

Q3.	You are Saurabh of class X of Happy School, Delhi. You wish to participate in a Robotics Contest being organized by a Infocom Private Company. Write an e-mail to your Principal requesting him to nominate your name for the Class IX- X level, giving him the detail of the Robot that you want to display in the contest. Or You are the President of the Nature Club of your school. You wish to subscribe to the 'Nature for All' magazine for the school- library. Write an e-mail to the Subscription Department of the magazine requesting them to send the details of the Subscription plans.	3 marks
Q4.	.Write a factual description of one of the laboratories (physics, chemistry, biology, computers) in your school in not more than 100 words. OR Describe a gardener, working with you for a long time in about 100 words. **HINTS** Hardworking--- humble ----knowledgeable--- Reliable--- Sincere	4 marks
Q5.	Many complaints about unfair means being used in exams have been reported. Write a letter to the editor of a national daily newspaper in 100-120 words giving reasons for this trend and suggest some measures to combat this. You are Arun/ Aruna, 12 Fort Road, Kochi. You may take ideas from MCB unit- Education. OR You are Upendra/Rashika staying at 3, Jawahar Nagar, Jaipur. Last year, you bought a telephone answering system with Celtel from the 'Electronic World' of	7 marks

	Chandigarh Though it records the caller's message, it does not save it. Write a letter to the dealer complaining about the problem. Also, request him to replace it, if needed, against the warranty that goes with it.	
Q6.	The Government of India has banned the use of plastic bags, but you see the use of plastic goods in every walk of life. As Ravi, a student of class X B, write an article on 'The Role of Plastic in the Modern Age' in about 150 words. Use the cues given below and your own ideas, along with the ones given in MCB Unit 4: Environment'.	8 marks

Cue/s

- What is plastic?
- What are some of the things made of plastic seen around you?
- Why are they used?
- What problem has plastic created?
- Why are plastic bags banned?
- Have people stopped using plastic bags? Why / why not?

OR

Many big research firms and business tycoons across the world are exploring the possibility of 'Space Tourism'. Is it something scientifically feasible and viable? Write an article for the 'Science and Technology' column of local newspaper highlighting the advantages and disadvantages of making space travel available for the people as a tourism option.

Use the given cues, along with your own ideas and those you may have gathered from unit-3: Science.

- Is Space tourism an option to consider when people are considering different destinations to travel during vacation?
- What can one learn from such travels?
- Is Space tourism a viable option?
- How will it affect the space if the traffic increases?
- Should this kind of travel be encouraged?
- What will be the financial implications of such travelling?

SECTION- C
GRAMMAR

Q7.	**Fill in the blanks in the following by choosing the most appropriate options from the one given below. (Any Three)**	3 marks

When I emerged (a)...... the anteroom, the waiting patients (b)...... relieved.
Outside (c)...... street I hesitated for a moment and (d)...... my feet homeward.

(a) (i) through	(ii) over	(iii) from	(iv)in
(b) (i) look	(ii) looked	(iii) looking	(iv) looks
(c) (i) the	(ii) a	(iii) an	(iv) some
(d) (i) turn	(ii) turns	(iii) turning	(iv) turned

Q8.	The following passage has not been edited. There is one error in each line. Identify the wrong word and write it with the correction in the spaces given. The first one has been done for you in some questions as examples.	4 marks

	Incorrect Correct One morning, I finished one business at the bank e.g one some and was returning in pick up my motorbike which I had left (a) in the parking lot outside. Suddenly, he realized that I had (b)___ ___ lost the bike key. Upset, I searched about it in the bank. A bank (c) employee tried to help me find it and in vain. (d) ___ ___	
Q9.	**Do as directed.** **(i) Rearrange the following jumbled words/phrases in the given dialogue to create a meaningful sentence.** **(1)** **Did you know that the lack of hydrological resources affects more than 40% of the world population?** **No, I didn't. What are hydrological resources?** (a) Water resources/Survival/and plant/to human/ animal, / refer to / which / are vital / hydrological resources **(ii) Report the dialogues to complete the paragraph that follows.** **(1+1)** **Photographer: I want to use a drone for photographing your event.** **Customer: Really! Do you usually offer this advice?** **Photographer: No. I don't. Your event is in an open and picturesque area and I want to capture the complete scene.** The photographer told the customer that she wanted to use a drone for photographing his event. The customer exclaimed in surprise and asked (i)......... . The photographer replied in the negative and shared that (ii) ....as his event was in an open and picturesque area.	3 marks
SECTION – D **LITERATURE**
Q10.	**A) Read the extract given below and answer the questions that follows:** **(Any Two)** **" At last he came again, but it was a struggle for him to breathe and on his face were clear signs of approaching end. That day he could not contain his impatience."** **(The Letter)** (a) Why was it a struggle for him to breathe? (b) Why couldn't he contain his impatience? (c) What is the meaning of the word 'impatience? (d) Where had he come again? OR **B.) VICTORIA: Grandpa's getting up. MRS. JORDAN: The child's crazy.** **MRS. SLATER: Don't talk so silly. Don't you know your grandpa's dead?** **VICTORIA: No, no; he's getting up. I saw him.** **(They are transfixed with amazement. BEN and MRS. JORDAN left of table. VICTORIA clings to MRS. SLATER, right of table HENRY near fireplace.)** **MRS. JORDAN: You'd better go up and see for yourself, Amelia.** **MRS. SLATER: Here-come with me, Henry. (HENRY draws back terrified)** **BEN: (suddenly) Hist! Listen.**	4 +4 marks

	(They look at the door. A slight chuckling is heard outside. The door opens, revealing an old man clad in a faded but gay dressing-gown. He is in his stockinged feet. Although over seventy, he is vigorous and well coloured, his bright, malicious eyes twinkle under his heavy, reddish-grey eyebrows. He is obviously either Grandfather ABEL MERRYWEATHER or else his ghost.)
	
	ABEL: What's the matter with little Vicky? (He sees BEN and MRS. JORDAN); Hello! What brings you here! How's yourself, Ben?
	(ABEL thrusts his hand at BEN, who skips back smartly and retreats to a safe distance behind the sofa.) **(Dear Departed)**
	
	a) Why is everyone not willing to believe Victoria?
	b) Why does Henry have a scared look on his face?
	(c) How did the old man look?
	(d) Why did Ben pull away his hand when grandfather tried to hold him?
	        Or
	C) Read the extract given below and answer the questions that follows:
	"Even in the eyes of all posterity
	That wear this world out to the ending doom.
	So, till the judgment that yourself arise,
	You live in this, and dwell in lovers' eyes."
	        (Not Marble nor the Gilded Monument)
	
	(a) Which judgement is being talked about here?
	(b) Which poetic device is used in the second line?
	(c) What is the meaning of the second line?
	(d) Who will dwell in lover's eye and how?	

Q11	**Answer the following questions in 50- 60 words. (Any five)** a) Bring out the significance of 'Grandfather's bureau' in the play. b) What does the partially destroyed statue of Ozymandias symbolise? c) Draw the contrast between 'childish' and 'artless' faces and the 'seriousness' beyond their years visible on them in the story "Two Gentlemen of Verona". d) Elucidate that how Miss Mebbin represented as greedy and Mrs. Packletide as jealous. e) What is the role of "The Letter' in the story by Dhumaketu? f) "Ali is a true example of love, faith and sacrifice." Elaborate.	2×5=10
.Q12.	Answer the following question in 100- 150 words. (Any one) A) "Materialism makes way for shaky relationships." Do you agree with the statement? Explain with reference to the play 'The Dear Departed', highlighting the values required of the two sisters. OR B) The poem 'The Frog and the Nightingale exposes the role of critics towards fresh talent. After reading the poem you were quite disturbed. Write a letter to a friend mentioning how negative criticism can hamper the growth of genuine talent.	8×1=8

Session: 2024-25

Sample paper

SUBJECT: __HINDI__   MAX. MARKS: **80**

CLASS: __X__   DURATION: **3 HOURS**

General Instructions:

निम्नलिखित निर्देशों को बहुत सावधानी से पढ़िए और उनका पालन कीजिए

(1) प्रश्नपत्र में दो खंड हैं- खंड 'अ' और 'ब'

(2) अ' में उपप्रश्नों सहित वस्तुपरक प्रश्न पूछे गए हैं। दिए गए निर्देशों का पालन करते हुए प्रश्नों के उत्तर दीजिए।

(3) खंड 'ब' में वर्णनात्मक प्रश्न पूछे गए हैं, आंतरिक विकल्प भी दिए गए हैं।

(4) निर्देशों को बहुत सावधानी से पढ़िए और उनका पालन कीजिए।

(5) यथासंभव दोनों खंडों के प्रश्नों के उत्तर क्रमशः लिखिए।

खंड- 'अ' (वस्तुपरक प्रश्न)

प्रश्न-1 निम्नलिखित गद्यांश को ध्यानपूर्वक पढ़िए और इस पर आधारित प्रश्नों के उत्तर के सही विकल्प चुनकर लिखिए-   (5)

सत्य के अनेक रूप होते हैं, इस सिद्धांत ने हमें एक मुसलमान को उसके अपने दृष्टिकोण से और ईसाई को उसके दृष्टिकोण से समझना सिखाया है। जिन अंधों ने हाथी का अलग-अलग तरह से वर्णन किया वे सब अपनी दृष्टि से ठीक थे। किंतु एक दूसरे की दृष्टि से सब गलत थे, और जो आदमी हाथी को जानता था उसकी दृष्टि से सही भी थे और गलत भी थे। जब तक अलग- अलग धर्म मौजूद हैं तब तक प्रत्येक धर्म को किसी विशेष बाह्य चिह्न की आवश्कता हो सकती है। लेकिन जब बाह्य चिह्न केवल आडंबर बन जाते हैं अथवा अपने धर्म को दूसरे धर्मों से अलग बताने के काम आते हैं तब वे त्याज्य हो जाते हैं। धर्मों के भ्रातृ मंडल का उद्देश्य यह होना चाहिए कि वह एक हिंदू को अधिक अच्छा हिंदू एक मुसलमान को अधिक अच्छा मुसलमान और एक ईसाई को अधिक अच्छा ईसाई बनने में मदद करे। दूसरों के लिए हमारी प्रार्थना यह नहीं होनी चाहिए ईश्वर, तू उन्हें वही प्रकाश दे जो तूने मुझे दिया है, बल्कि यह होना चाहिए-तू उन्हें वह सारा प्रकाश दे जिसकी उन्हें अपने सर्वोच्च विकास के लिए आवश्यकता है। एक ऐसी रहस्यमयी शक्ति है जो सर्वत्र व्याप्त है। मैं उसे अनुभव करता हूँ, यद्यपि देखता नहीं हूँ। यह अदृश्य शक्ति अपना अनुभव तो कराती है परंतु उसका

कोई प्रमाण नहीं दिया जा सकता क्योंकि जिन वस्तुओं का मुझे अपनी इंद्रियों द्वारा ज्ञान होता है, उन सबसे वह बहुत भिन्न है। वह इंद्रियों की पहुँच के बाहर है।

(क) लेखक किस-किस सिद्धांत को बहुत पसंद करता है ?

   (अ) सत्य एक है।

   (ब) सत्य ही ईश्वर

   (स) सत्य के अनेक रूप होते है

   (द) सत्य समरूपी है।

(ख) अंधों ने हाथी का वर्णन किस प्रकार किया था ?

   (अ) अलग-अलग तरह से

   (ब) एक ही तरह से

   (स) धर्म की तरह से

   (द) गलत तरह से

(ग) धर्म के बाह्य चिह्न की आवश्यकता कब तक रहती है ?

   (अ) जब तक अलग-अलग धर्म मौजूद हैं।

   (ब) जब तक चिह्न आडंबर न बन जाएँ।

   (स) जब तक वे त्याज्य न हो जाएँ।

   (द) जब तक वे उपयोगी रहें।

(घ) ईश्वर कैसी शक्ति है ?

   (अ) रहस्यमयी

   (ब) सर्व व्यापक

   (स) अदृश्य

   (द) तीनों सही

(ड.) निम्नलिखित कथन और कारण ध्यानपूर्वक पढ़िए तथा सही विकल्प चुनकर कथन

(A) सत्य के अनेक रूप होते हैं।

कारण (R) वह इंद्रियों की पहुँच के बाहर है।

    (अ) कथन (A) सही है और कारण (R) सही है.

    (ब) कथन (A) गलत है और कारण (R) सही है.

    (स) कथन (A) सही नहीं है कारण (R) सही है.

    (द) कथन (A) सही है किंतु कारण (R) उसकी सही व्याख्या नहीं करता ।

प्रश्न-2 निम्नलिखित गद्यांश को ध्यानपूर्वक पढ़िए और इस पर आधारित प्रश्नों के उत्तर के सही विकल्प चुनकर लिखिए-   **(5)**

आदमी बनने की तमीज सीखने के बाद आदमी ने कैसे-कैसे वाद्य बनाए। उमड़ते मेघों के मुखर गुस्से को मृदंग की चर्म पट्टियों से बाँधा, बारिश के गिरने को सितार के तार दिए देवताओं को दुख हुआ तो उन्हें वायलिन थमाया पानी के बहने को बाँसुरी दी। मानव स्वर के सबसे निकट पहुँचने वाले कितने ही वाद्य बनाए। उसके सबसे नजदीक पहुँची सागर वीणा के निर्माण को पचास साल भी नहीं हुए हैं। दुनिया में हजारों तरह के वाद्य और उनको बजाने के और भी हजारों तरीके हैं। तब भी किसी ऐसे वाद्य का निर्माण होना बाकी है जिससे निकलने वाला सुर आपके कंधे पर हाथ रखकर कहे "घबराओ मत, में हूँ।" यह काम तो किसी प्रिय मनुष्य की वाणीही कर सकती है। आदमी की आवाज का कोई विकल्प नहीं। गीत उस आवाज का सबसे बड़ा हासिल है। बड़े गवैये का एक सुर संसार भर की भावनाओं को ज़बान दे सकता है। चरवाहों- मछुआरों के गीत प्रकृति को ऋचाओं में बदल देते हैं। गीतों की एक पंक्ति के भीतर बड़े उपन्यासों में आने वाली विशाल और जटिल दुनिया छिपाई जा सकती है। ध्वनि रिकॉर्डिंग का इतिहास डेढ़ सौ साल का भी नहीं है इसलिए हमें कभी मालूम नहीं पड़ सकेगा कि तानसेन और बैजू बावरा का वह मुकाबला कैसा रहा होगा जिसमें उन्होंने अपने गानों से दिये जला दिए, संगमरमर पिघला दिया।

1) वाद्य यंत्र और आवाज का कौन सा युग्म सही है ?

    (अ) सितार पानी के बहने की आवाज

    (ब) मृदंग बारिश के गिरने की आवाज़

    (स) वायलिन मेघों की गर्जना की आवाज़

    (द) सागर वीणा मनुष्य की आवाज़ के

2) उपरोक्त गद्यांश में से नीचे दिए गए विकल्पों में से कौन सा विकल्प सही है

(i) मनुष्य को सांत्वना प्रिय की वाणी दे सकती है।

(ii) वाद्य-यंत्र से भी कंधे पर हाथ रखने का भाव व्यक्त किया जा सकता है।

(iii) दुनिया में संगीत के अनगिनत रूप हैं।

    (अ) (i), (ii) और (iii) सही हैं।

    (ब) (i) और (ii) सही हैं, परंतु (iii) गलत है।

    (स) (i) और (iii) गलत हैं, परंतु (ii) सही है।

    (द) (i) और (iii) सही हैं, परंतु (ii) गलत है।

(ग) गद्यांश में प्रमुख रूप से किसे महत्त्व दिया गया है ?

    (अ) वाद्यों को

    (ब) मनुष्य के स्वर को.

    (स) वीणा के आविष्कार को

    (द) चरवाहों के गीत को

(घ) गीतों की एक पंक्ति के भीतर उपन्यासों की विशाल और जटिल दुनिया कैसे समा सकती है?

    (अ) संगीत के जादू से

    (स) भावनाओं की गहराई से

    (ब) शब्दों की संक्षिप्तता से

    (द) वाद्य यंत्रों के कौशल से

(ड.) निम्नलिखित कथन और कारण ध्यानपूर्वक पढ़िए तथा सही विकल्प चुनकर लिखिए-

कथन (A) चरवाहों-मछुआरों के गीत प्रकृति को ऋचाओं में बदल देते हैं।

कारण (R) एक सुर संसार भर की भावनाओं को ज़बान दे सकता है।

    (अ) कथन (A) सही है और कारण (R) सही है.

    (ब) कथन (A) गलत है और कारण (R) सही है.

    (स) कथन (A) सही नहीं है कारण (R) सही है.

    (द) कथन (A) सही है किंतु कारण (R) उसकी सही व्याख्या नहीं करता ।

प्रश्न-3 निम्नलिखित प्रश्नों के उत्तर सही विकल्प चुनकर दीजिये।   **(5)**

(क) <u>चार ताकतवर मजदूर</u> सामान उठा लाए।

    (अ) संज्ञा पदबंध

    (ब) सर्वनाम पदबंध

    (स) विशेषण पदबंध

    (द) क्रिया पदबंध

(ख) <u>बराबर के कमरे में रहने वाला</u> आदमी मर गया।

    (अ) संज्ञा पदबंध

    (ब) सर्वनाम पदबंध

    (ग) विशेषण पदबंध

    (द) क्रिया पदबंध

(ग) <u>दीन-दुखियों की सहायता करने वाले आप</u>

    (अ) संज्ञा पदबंध

    (ब) सर्वनाम पदबंध

    (स) विशेषण पदबंध

    (द) क्रिया पदबंध

(घ) मुझे <u>सुनाई पड़ रहा है।</u>

    (अ) संज्ञा पदबंध

    (ब) सर्वनाम पदबंध

    (स) विशेषण पदबंध

    (द) क्रिया पदबंध

(ड.) बच्चा <u>रोता हुआ</u> माँ के पास पहुँचा।

    (क) संज्ञा पदबंध

    (ब) विशेषण पदबंध

    (स) क्रियाविशेषण पदबंध

    (द) क्रिया पदबंध

प्रश्न- 4 निम्नलिखित प्रश्नों के उत्तर सही विकल्प चुनकर दीजिये ।   **(5)**

(क) कमाने वाला खाएगा वाक्य का मिश्र रूप चुनिए ।

(अ) कमाओ और खाओ।

(ब) खाने के लिए कमाना पड़ेगा ।

(स) जो कमाएगा वह खाएगा|

(द) कमाकर खाओ।

(ख) राष्ट्र के लिए मर मिटने वाला व्यक्ति सच्चा राष्ट्रभक्त होता है।' रचना की दृष्टि से वाक्य है-

(अ) सामान्य वाक्य

(ब) संयुक्त वाक्य

(स) मिश्र वाक्य

(द) सरल वाक्य :

(ग) निम्नलिखित में से संयुक्त वाक्य होगा

(अ) उसने कहा कि मैं पहुँगा|

(ब) वह पुस्तक कहाँ है जो मैंने तुम्हें दी थी।

(स) मैंने उसे समझाया और वह मान गया।

(द) वह सवेरे-सवेरे कहीं चला गया।

(घ) निम्नलिखित कथन और कारण ध्यानपूर्वक पढ़िए तथा सही विकल्प चुनकर लिखिए-

कथन (A) जो विद्वान होते हैं उनका सर्वत्र आदर होता है।' मिश्र वाक्य है-

कारण (R) मिश्र वाक्य में एक प्रधान उपवाक्य तथा शेष आश्रित उपवाक्य होते

(अ) कथन (A) सही है और कारण (R) सही है.

(ब) कथन (A) गलत है और कारण (R) सही है.

(स) कथन (A) सही नहीं है कारण (R) सही है.

(द) कथन और कारण दोनों (A) सही हैं और कारण (R) उसकी सही व्याख्या करता है।

(ड) निम्नलिखित में से सरल वाक्य है :

 (अ) मैं भागते-भागते थक गया।

(ब) जब मैं भागा तब थक गया।

(स) मैं भागा और थक गया।

(द) जितना मैं भागा उतना थक गया।

प्रश्न-5 निम्नलिखित प्रश्नों के सही उत्तर वाले विकल्प चुनिए- (5)

(क) 'नरहरि' शब्द किस समास का उदाहरण है

    (अ) अव्ययीभाव समास

    (ब) द्विगु समास

    (स) तत्पुरुष समास

    (द) कर्मधारय समास

(ख) तत्पुरुष समास का उदाहरण है

    (अ) थोड़ा-बहुत

    (ब) आगे-पीछे

    (स) परिंदे चरिंदे

    (द) शब्द रचना

(ग) अव्ययीभाव समास का उदाहरण नहीं है-

    (अ) बेराह

    (ब) बेवक्त

    (स) बेहतर

    (द) बेकार

(घ) 'आँचरहित' शब्द के लिए सही समास विग्रह है-

    (अ) आँच से रहित

    (ब) आँच और रहित

    (स) आँच में रहित

    (द)आँच में

(ड.) उत्तर पद प्रधान होता है-

    (अ) बहुब्रीहि समास का

    (ब) अव्ययीभाव समास का

(स) द्वंद्व समास का

(द) तत्पुरुष समास

प्रश्न-6 निम्नलिखित प्रश्नों के सही उत्तर वाले विकल्प चुनिए- (6)

(क) पढ़ाई में मेहनत कर मैं _____ हो सकता हूं| उचित मुहावरे द्वारा रिक्त स्थान की पूर्ति करें|

(अ) अंधों में काना राजा

(ब) एक पंथ दो काज

(स) अपने हाथ जगन्नाथ

(द) पैरों पर खड़ा

(ख) विपत्ति में उसकी अक्ल _____ | उपयुक्त मुहावरे से रिक्त स्थान की पूर्ति कीजिए।

(अ) खो जाना

(ब) ठनक जाना

(स) चकरा जाना

(द) आगबबूला हो जाना

(ग) सच्चे शूरवीर देश की रक्षा में प्राणों की _____ रिक्त स्थान की पूर्ति सटीक मुहावरे से कीजिए ।

(अ) बाजी लगा देते

(ब) जान लगा देते

(स) ताकत लगा देते

(द) आहुति लगा देते

(घ) गरीब माँ-बाप अपना _____कर बच्चों को पढ़ाते हैं और वे चिंता नहीं करते। रिक्त स्थान की पूर्ति सटीक मुहावरे से कीजिए ।

(अ) गला काट

(ब) पेट काट

(स) खून बहा

(द) मन लगा

(ड.) 'गागर में सागर भरना' का अर्थ है-

(अ) कम शब्दों में अधिक कह देना

(ख) बड़ा कह देना

(स) कम बोलना

(द) घड़ा भर देना

(च) आजकल लोग जरा सी बात पर_____ हैं। रिक्त स्थान के लिए सही मुहावरा चुनिए-

(अ) आग बबूला होना

(ब) आँखें दिखाना

(स) नौ-दो ग्यारह होना

(द) घाव भरना

प्रश्न-7 निम्नलिखित गद्यांश को पढ़कर प्रश्नों के सर्वाधिक उपयुक्त उत्तर वाले विकल्पों का चयन कीजिए-   (5)

बाइबिल और दूसरे पावन ग्रंथों में नूह नाम के एक पैगंबर का ज़िक्र मिलता है। उनका असली नाम लशकर लेकिन अरब में उन्हें नूह के लकब से याद किया जाता है। वह इसलिए कि वह सारी उम्र रोते रहे। इसका कारण एक जख्मी कुत्ता था । नूह के सामने से एक बार एक घायल कुत्ता गुज़रा। नूह ने उसे दुत्कारते हुए कहा, दूर हो जा गंदे कुत्ते।' इस्लाम में कुत्तों को गंदा समझा जाता है। कुत्ते ने उनकी दुत्कार सुनकर जवाब दिया, 'न मैं अपनी मर्जी से कुत्ता हूँ, न तुम अपनी पसंद से इनसान हो। बनाने वाला सबका तो वही एक है। मट्टी से मट्टी मिले, खो के सभी निशान किसमें कितना कौन है, कैसे हो पहचान नूह ने जब उसकी बात सुनी तब दुःखी हो मुद्दत तक रोते रहे। 'महाभारत' में युधिष्ठिर का जो अंत तक साथ निभाता नजर आता है, वह भी प्रतीकात्मक रूप में एक कुत्ता ही था।

(क)निम्नलिखित कथन और कारण ध्यानपूर्वक पढ़िए तथा सही विकल्प चुनकर लिखिए-

कथन (A) नूह ने उसे दुत्कारते हुए कहा- ' दूर हो जा गंदे कुत्ते ।"

कारण (R) क्योंकि इस्लाम में कुत्तों को गंदा समझा जाता है।

(अ) कथन (A) सही है और कारण (R) सही है.

(ब) कथन (A) गलत है और कारण (R) सही है.

(स) कथन (A) सही नहीं है कारण (R) सही है.

(द) कथन और कारण दोनों (A) सही हैं और कारण (R) उसकी सही व्याख्या करता है।

(ख) नूह सारी उम्र क्यों रोते रहे ?

(अ) लशकर होने के कारण

(ब) पैगंबर होने के कारण

(ग) प्रायश्चित भाव के कारण

(द) अस्वस्थ होने के कारण

(ग) गद्यांश का संदेश है-

(अ) हमें सबके प्रति असंवेदनशील होना चाहिए।

(ब) हमें सबके प्रति संवेदनशील होना चाहिए।

(ग) हमें किसी गलती के लिए ताउम्र रोना चाहिए।

(द) ताउम्र रोना ही सही मायने में प्रायश्चित है।

(घ) 'मट्टी से मट्टी मिले, खोकर सभी निशान का आशय है-

(अ) मृत्युपरांत सभी जीवों का निजी अस्तित्व समाप्त हो जाता है।

(ब) मिट्टी, मिट्टी में ही मिलाई जा सकती हैं।

(ग) सभी जीवों का निर्माण मिट्टी से नहीं हुआ।

(द) सभी जीवों का अस्तित्व स्वयं उसके वश में है।

(ड) नूह ने कुत्ते को क्यों दुत्कारा ?

(अ) वह उनसे अधिक ज्ञानी था।

(ब) वह उन्हें काफी खतरनाक लगा

(स) उन्हें कुत्ते पसंद नहीं थे।

(द) वे कुत्ते को गंदा मानते थे।

प्रश्न-8 पठित गद्य पाठों से पूछे गए दो बहुविकल्पी प्रश्नों के सही उत्तर चुनिए (2)

(क) तताँरा के पास हर समय क्या वस्तु रहती थी ?

(अ) तलवार

(ब) बंदूक

(स) संदूक

(द) छनी

(ख) पराधीन भारत की प्रथम स्वतंत्रता दिवस की वर्षगांठ कब मनाई गई थी

अ) 26जनवरी 1930

ब) 26 जनवरी 1931

स) 15अगस्त 1931

द) 15अगस्त 1947

प्रश्न-9 निम्नलिखित काव्यांशों को पढ़कर पूछे गए प्रश्नों के सही उत्तर विकल्प चुनकर लिखिए- (4)

विपदाओं से मुझे बचाओ, यह मेरी प्रार्थना नहीं

केवल इतना हो (करुणामय)

कभी न विपदा में पाऊँ भय।

दुःख-ताप से, व्यथित चित्त को न दो सांत्वना नहीं सही

पर इतना होवे (करुणामय) दुःख को मैं कर सकूँ सदा जय ।

कोई कहीं सहायक न मिले

तो अपना बल पौरुष न हिले;

हानि उठानी पड़े जगत् में लाभ अगर वंचना रही

तो भी मन में ना मानूँ क्षय ॥

1. काव्यांश में कौन ईश्वर से प्रार्थना कर रहा है-

(क) एक बालक

(ख) एक भक्त

(ग) स्वयं कवि

(घ) एक किसान।

2. विपदा के विषय में कवि ईश्वर से क्या प्रार्थना करता है-

(क) मुझे विपदा से बचा लेना

(ख) विपदा में मेरी सहायता करना

(ग) मैं विपदा में कभी भयभीत न होऊँ

(घ) विपदा मेरे लिए वरदान बन जाए।

3. कवि किस पर विजय पाने की प्रार्थना करता है-

(क) शत्रुओं पर

(ख) मित्रों पर

(ग) इंद्रियों पर

(घ) दुखों पर।

4. कवि कैसी स्थिति में बल-पौरुष न हिलने की प्रार्थना करता है-

(क) जब सामने शत्रु खड़ा हो

(ख) जब कोई सहायक न मिले

(ग) जब हानि हो जाए

(घ) जब सफलता न मिले।

प्रश्न-10 कविताओं पर आधारित दो बहुविकल्पी प्रश्नों के सही उत्तर चुनिए-   (2)

(क) 'तोप' कविता किसके द्वारा रचित है ?

    क) वीरेन डंगवाल

    ख) वीरेंद्र सक्सेना

    ग) राजेंद्र डंगवाल

    घ) महेंद्र डंगवाल

(ख) तोप पर घुड़सावरी कौन करता है_

    क) चौकीदार

    ख) छोटे बच्चे

    ग) बड़े बच्चे

    घ) सैनिक

खंड- 'ब' (वर्णनात्मक प्रश्न)

प्रश्न-11 निम्नलिखित प्रश्नों में से किन्हीं दो प्रश्नों के उत्तर लगभग 60 शब्दों में दीजिए-   (2X3=6)

(1) 'अहंकार मनुष्य का विनाश करता है'- इस कथन को स्पष्ट करने के लिए बड़े भाई साहब ने क्या-क्या उदाहरण दिए अपने शब्दों में लिखिए।

(2) 'तताँरा वामीरो कथा' पाठ के आधार पर तताँरा के चरित्र की विशेषताएं बताइए।

(3) पुलिस कमिश्नर के नोटिस और काउंसलर के नोटिस में क्या अंतर था? पाठ 'डायरी का एक पन्ना' के आधार पर स्पष्ट कीजिए।

प्रश्न-12 निम्नलिखित प्रश्नों में से किन्हीं दो प्रश्नों के उत्तर लगभग 60 शब्दों में दीजिए-   (2X3=6)

(1) कबीर के दोहे के आधार पर कस्तूरी की उपमा को स्पष्ट कीजिए। मनुष्य को ईश्वर प्राप्ति के लिए क्या करना चाहिए? स्पष्ट कीजिए।

(2) क्या कवि की प्रार्थना (आत्मत्राण) आपको अन्य प्रार्थना गीतों से अलग लगती है? यदि हां ,तो कैसे ?

(3)तोप और चिड़िया किसका प्रतीक है? 'तोप' कविता के आधार पर स्पष्ट कीजिए।

प्रश्न-13 निम्नलिखित प्रश्नों में से किन्हीं दो प्रश्नों के उत्तर लगभग 60 शब्दों में दीजिए- (2X3=6)

(1) ठाकुरबाड़ी के प्रति गांव वालों के मन में अपार श्रद्धा के जो भाव है ,उसे उनकी किस मनोवृति का पता चलता है? पाठ 'हरिहर काका 'के आधार पर बताइए|

(2) समाज में रिश्तों की क्या अहमियत रह गई है इस विषय पर पाठ 'हरि काका' के आधार पर अपने विचार प्रकट कीजिए| आप परिवार में किस प्रकार के रिश्तों को उपयुक्त मानते हैं और क्यों?

(3) हरिहर काका गूंगेपन का शिकार हो गए हैं कोई बात कहो कुछ पूछो कोई जवाब नहीं| खुली आंखों से बराबर आकाश को निहार करते हैं| सारे गांव के लोग उनके बारे में बहुत कुछ कहते सुनते हैं- लेकिन उनके पास अब कहने के लिए कोई बात नहीं| हरिहर काका की स्थिति का वर्णन अपने शब्दों में कीजिए|

प्रश्न-14 निम्न लिखित में से किसी एक विषय पर संकेत बिंदुओं के आधार पर लगभग 100 शब्दों में अनुच्छेद लिखें - (7)

1) जब हम चार रनों से पिछड़े रहे थे-
   • खिलाड़ियों की मनोदशा
   • दर्शकों की मनोदशा
   • प्रयास और परिणाम
2) देश पर बढ़ता विदेशी प्रभाव
   • हमारा देश और संस्कृति
   • विदेशी प्रभाव
   • परिणाम और सुझाव
3) डिजिटल भुगतान: समय की मांग
   • डिजिटल भुगतान का क्या है?
   • डिजिटल भुगतान के तरीके
   • लाभ एवं महत्व

प्रश्न-15 चौराहे पर भीख मांगते बच्चों के विषय में अपनी अनुभूति और समस्या के समाधान हेतु अपने विचार व्यक्त करते हुए समाचार पत्र के संपादक को पत्र लिखें |

या (6)

नगर निगम को एक पत्र लिखिए जिसमें नालियों की सफाई एवं कीटनाशक दवाइयां के छिड़काव का सुझाव हो तथा डेंगू की रोकथाम हो सके|

प्रश्न-16 अंतर्राष्ट्रीय पोषक अनाज वर्ष 2023 के प्रचार -प्रसार के लिए एक आकर्षक विज्ञापन लगभग 40 शब्दों में तैयार कीजिए|

या (5)

दिल्ली में होने वाले अंतरराष्ट्रीय G20 वर्ष 2023 के प्रचार व प्रसार के लिए लगभग 40 शब्दों में एक विज्ञापन तैयार कीजिए|

xxxxxx

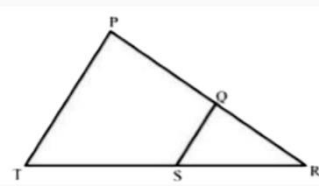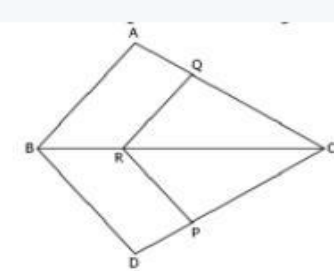**Maximum Time** :3 hrs   **Maximum Marks**: 80

General Instructions:

1. This Question Paper has 5 Sections A-E.
2. Section A has 20 MCQ's carrying 1 mark each.
3. Section B has 5 questions carrying 2 marks each.
4. Section C has 6 questions carrying 03 marks each.
5. Section D has 4 questions carrying 05 marks each.
6. Section E has 3 case based integrated units of assessment (04 marks each) with subparts of the values of 1, 1 and 2 marks each respectively.
7. All Questions are compulsory. However, an internal choice in 2 questions of 5 marks, 2 questions of 3 marks and 2 questions of 2 marks has been provided. An internal choice has been provided in the 2 marks questions of Section E
8. Draw neat figures wherever required.
9.Take π =22/7 wherever required, if not stated.

Q. No	SECTION A	Marks
	Questions	
Q1	If two positive integers a & b are written as a= x^3y^2 & $b = xy^3$, where x, y are prime numbers,then the result obtained by dividing the product of a & b by the LCM(a,b) is: a)xy b)xy^2 c) x^3y^3 d)x^2y^2	1
Q2.	If α,β are the zeroes of the polynomial $x^2 - (k + 6)x + 2(2k - 1)$, then the value of k ,if α+β = $\frac{1}{2}$αβ is: a)-7 b)7 c)-3 d)3	1
Q3.	The pair of linear equations given by $(a_1x + b_1y + c_1 = 0)$ & $(a_2x + b_2y + c_2 = 0)$ has a unique solution ,then which of the following is true? a) $a_1a_{2=} b_1b_2$ b)$a_1a_{2\neq} b_1b_2$ c)$\frac{a1}{a2} = \frac{b1}{b2}$ d) $\frac{a1}{a2} \neq \frac{b1}{b2}$	1
Q4.	The maximum number of zeroes that polynomial f(x)=$(x - 2)^2 + 4$ can $have$ $is/$ are: a)0 b)1 c)2 d)3	1

Q5.	In the given figure ,Q is a point on PR & S is the point on TR .QS is drawn & ∠ RPT= ∠ RQS . .Which of these similarity criteria is used to prove that ΔRSQ ~ ΔRTP? A)AAA b)SAS c)SSS d)RHS	1
Q6.	It is given that ΔABC ~ ΔDFE , ∠A=30˚ ,∠C=50˚, AB=5cm , AC=8 cm & DF= 7.5 cm. Then ,which of the following is true: a)DE=12cm ,∠F=50˚ b) DE=12cm ,∠F=100˚ c) EF=12cm ,∠D=100˚ d)EF=12cm ,∠D=30˚	1
Q7.	x axis divides the join of (2,-3) & (5,6) in the ratio: a)1:2 b)2:1 c)2:5 d)5:2	1
Q8.	If sin A $=\frac{1}{2}$, $then\ the\ value\ of\ \cot A =$? a)$\sqrt{3}$ b)$\frac{1}{\sqrt{3}}$ $c)\frac{\sqrt{3}}{2}$ $d)1$	1
Q9.	The greatest number which when divides 1251,9377 & 15628 leaves remainder 1 ,2 & 3 respectively is: a)575 b)450 c)750 d)625	1
Q10.	If x= $2\sin^2 A$ & y=$2\cos^2 A + 1$,then evaluate x+y. a)1 $b)2$ $c)3$ $d)0$	1
Q11.	Which of the following is not a quadratic equation? a)$2(x-1)^2 = 4x^2 - 2x + 1$ b)$2x - x^2 = x^2 + 5$ c)$\left(\sqrt{2}x + \sqrt{3}\right)^2 + x^2 = 3x^2 - 5x$ d)$(x^2 + 2x)^2 = x^4 + 3 + 4x^3$	1
Q12.	The sum of p terms of an AP is q & the sum of q terms of an AP is p, then the sum of (p+q) terms will be: a)0 b)p-q c)p+q d)-(p+q)	1
Q13.	If 4 chairs & 3 tables cost Rs 2100 & 5 chairs & 2 tables cost Rs 1750 ,then the cost of 1 chair & 2 tables is: a)Rs 650 b)Rs 800 c)Rs 1150 d)Rs 450	1
Q14.	The zeroes of the quadratic equation $x^2 + 99x + 127\ are$: a)both positive b)both negative c)both equal d)one positive & one negative	1
Q15.	The value(s) of k for which the quadratic equation $2x^2 + kx + 2 = 0$ has equal roots is: a)4 b)4,-4 c)-4 d)0	1
Q16.	The common difference of an AP with $n^{th} term$ given by (3n+7) ,is: a)3 b)7 c)10 d)6	1
Q17.	In the given figure ,QRIIAB , RPIIBD ,CQ=x+2,QA=x ,CP=5x+4 ,PD=3x .Find the value of x: a)1 b)6 c)3 d)9	1

Q18.	The value of x for which 2x , (x+10) & (3x+2) are three consecutive terms of an AP are: a)6 b)-6 c)18 d)-18	1
Direction: In the question number 19 & 20, a statement of **Assertion(A)** is followed by a statement of **Reason(R).** Choose the correct option.	
Q19.	**Statement A(Assertion):** The value of y is 4, for which the distance between the points P(2,-3) & Q(10,y) is 10. **Statement R(Reason):** The distance between two points A (x_1, y_1) & B(x_2, y_2) is $$\sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$ given by: (A)Both A and R are true and R is the correct explanation for A. (B)Both A and R are true and R is not the correct explanation for A. (C)A is true but R is false. (D)A is false but R is true	1
Q20.	**Statement A(Assertion):If the equation 3x-y+8=0 & 6x-ky=-16 represent coincident lines,then value of k is 2.** **Statement R(Reason): If the lines given by 3x+2ky=2 & 2x+5y+1 =0 are parallel , then value of k is 15** (A)Both A and R are true and R is the correct explanation for A. (B)Both A and R are true and R is not the correct explanation for A. (C)A is true but R is false. (D)A is false but R is true	1
SECTION B	
Q 21.	If 152x – 378y = -74 and -378x + 152y = -604 ,find the value of $(\frac{y}{x}$ -2) **OR** Sumit is 3 times as old as his son. Five years later , he shall be two & a half times as old as his son. How old is Sumit at present?	2
Q22.	Find the point on X axis which is equidistant from the points (2,-2) & (-4,2)	2
Q23	The sum of first 7 terms of an AP is 63 & that of the next 7 terms is 161.Find the AP.	2
Q24.	If (1 + cos A) (1 – cos A) =3/4, find the value of sec A. **OR** If $7\ sin^2 A + 3\ cos^2 A = 4$, *then show that* $\tan A = \frac{1}{\sqrt{3}}$	2
Q25.	Find the zeroes of the quadratic polynomial $7\ y^2 - \frac{11}{3} y - \frac{2}{3}$ & verify the relationship between the zeroes & the coefficients.	2
SECTION C	
Q26.	Prove that 3-2$\sqrt{5}$ is an irrational number. **OR**	3

	Prove that $\sqrt{7}$ is an irrational number.	
Q27.	The sum of the first 14 terms of an AP is 1050 & its first term is 10.Find its 20th term	3
Q28.	Had Aarush scored 8 more marks in Mathematics test,out of 35 marks,7 times these marks would have been 4 less than the square of his actual marks.How many marks did he get in the test? **OR** Solve for x: $$\frac{1}{x+4} - \frac{1}{x-7} = \frac{11}{30}, x \neq -4, -7$$	3
Q29.	The diagonals of a quadrilateral ABCD intersect each other at the point O such that $\frac{AO}{BO} = \frac{CO}{DO}$. Show that ABCD is a trapezium.	3
Q30.	Find the coordinates of the points of trisection of the line segment joining (4,-1) & (-2,-3)	3
Q31.	If 4 tan A = 3 , evaluate $\frac{(4 \sin A - \cos A + 1)}{(4 \sin A + \cos A - 1)}$	3
	SECTION D	
Q32.	A train covers a distance of 360 km at a uniform speed .Had the speed been 5km/h more, it would have taken 48 min less for the journey. Find the original speed of the train.	5
Q33.	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 2 sides are divided in the same ratio. Using the above theorem in the Δ ABC , where FE || AC, BC = 10 cm, AB = 13 cm and EC = 2 cm, find AF. **OR** Sides AB , AC and median AD of a triangle ABC are respectively proportional to sides PQ , PR and median PM of another triangle PQR. Show that ΔABC ~ ΔPQR.	5
Q34.	If α, β are the zeroes of the polynomial $x^2 + 4x + 3$, find the quadratic polynomial with zeroes (1+$\frac{\alpha}{\beta}$) &(1+$\frac{\beta}{\alpha}$) **OR** If one zero of the polynomial $p(x) = 4x^2 - 8kx + 8x - 9$ is negative of the other , then find the zeroes of $kx^2 + 3kx + 2$	5
Q35.	Prove that $\frac{\sin A - \cos A + 1}{\sin A + \cos A - 1} = \frac{1}{\sec A - \tan A}$	5
	SECTION E(CASE STUDY BASED)	
Q36.	A garden consist of 135 rose plants planted in a certain number of columns.There are another set of 225 marigold plants ,which is to be planted in the same	

number of columns.

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

i)What is the maximum number of columns in which they can be planted?
OR
Can $[LCM(135,225)]^n end\ with\ 0, for\ any\ natural\ number\ n$

ii)Find the sum of the exponents of the prime factors of the total number of plants.

iii)Find the total number of rows in which they can be planted.

	2
	1
	1

Q37. A book store shopkeeper gives book on rent for reading.He has a variety of books in his store related to fiction,stories & quizzes etc.He takes a fixed charge for first two days & an additional charge for subsequent days.Amrita paid Rs 22 for a book & kept for 6 days while Radhika paid Rs 16 for keeping a book for 4 days.

Assume the fixed charge be Rs x & the additional charge per day be y & answer the following questions.

i)Represent the amount paid by Radhika & Amrita using linear equations.
ii)Find the fixed charge for a book.
iii)What are the additional charges for each subsequent day of a book.
OR
What is the total amount paid by both ,if both have done have kept the book for 2 more days?

	1
	1
	2

Q38. The school auditorium was to be constructed to accommodate at least 1500 people.The chairs are to be placed in concentric circular arrangement in such a way that each succeeding circular row has 10 seats more than the previous one.

5

Answer the following questions based on above case:

i) If the first circular row has 30 seats, how many seats will be there in 10th row.

ii) If there were 17 rows in auditorium, how many seats will be there in middle row.
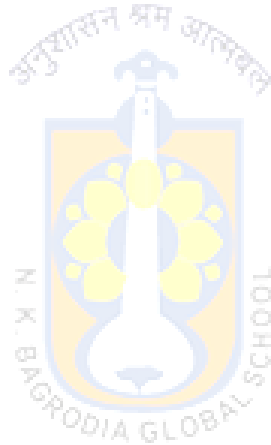
iii) For 1500 seats in the auditorium, how many rows need to be there?

OR

If 1500 seats are to be arranged in the auditorium, how many seats are still left to be put after the 10th row?

1
1

2

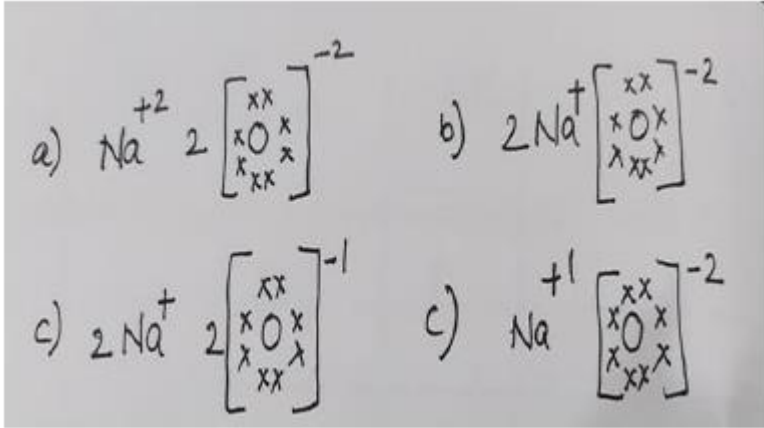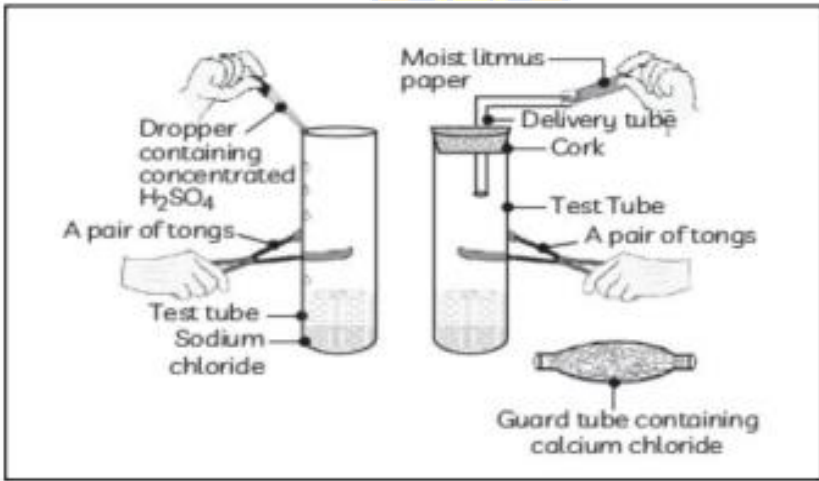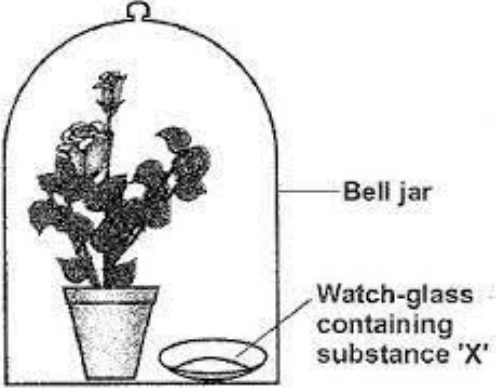**Time Allowed**: 3 Hours | **Maximum Marks**:80

General Instructions:

(i) The question paper comprises four sections A, B, C, D and E. There are 39 questions in the question paper. All questions are compulsory.

(ii) Section–A - question no. 1 to 20 - all questions and parts thereof are of one mark each. These questions contain multiple choice questions (MCQs), very short answer questions and assertion - reason type questions. Answers to these should be given in one word or one sentence.

(iii) Section–B - question no. 21 to 26 are short answer type questions, carrying 2 marks each. Answers to these questions should in the range of 30 to 50 words.

(iv) Section–C - question no. 27 to 33 are short answer type questions, carrying 3 marks each. Answers to these questions should in the range of 50 to 80 words.

(v) Section–D – question no. - 34 to 36 are long answer type questions carrying 5 marks each. Answer to these questions should be in the range of 80 to 120 words.

(v) Section–E – question no. - 37 to 39 are source-based/case-based questions carrying 4 marks each with sub-parts.

(vi) There is no overall choice. However, internal choices have been provided in some questions. A student has to attempt only one of the alternatives in such questions.

(vii) Wherever necessary, neat and properly labelled diagrams should be drawn.
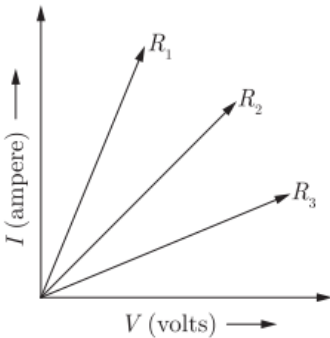
SECTION-A
(Select and write one most appropriate option out of the four options given for each of the questions 1-20)

Q1	Solid calcium oxide reacts vigorously with water to form calcium hydroxide accompanied by liberation of heat. This process is called slaking of lime. Calcium hydroxide dissolves in water to form its solution called lime water. Which among the following is (are) true about slaking of lime and the solution formed? (i) It is an endothermic reaction (ii) It is an exothermic reaction (iii) The pH of the resulting solution will be more than seven (iv) The pH of the resulting solution will be less than seven (a) (i) and (ii) (b) (ii) and (iii) (c) (i) and (iv) (d) (iii) and (iv)	1
Q2	Which of the following is(are) true when HCl (g) is passed through water? (i) It does not ionise in the solution as it is a covalent compound. (ii) It ionises in the solution (iii) It gives both hydrogen and hydroxyl ion in the solution (iv) It forms hydronium ion in the solution due to the combination of hydrogen ion with water molecule (a) (i) only (b)(iii) only (c) (ii) and (iv) (d) (iii) and (iv)	1
Q3	Match the chemical substances given in Column (A) with their appropriate application given in Column (B)	1

Column A	Column B
(A) Bleaching powder	(i) Preparation of glass
(B) Baking soda	(ii) Production of H2 and Cl2
(C) Washing soda	(iii) Decolourisation

	(D) Sodium chloride	(iv) Antacid	
	(a) A—(ii), B—(i), C—(iv), D—(iii)	(b) A—(iii), B—(ii), C—(iv), D—(i)	
	(c) A—(iii), B—(iv), C—(i), D—(ii)	(d) A—(ii), B—(iv), C—(i), D—(iii)	
Q4	Reaction between X and Y, forms compound Z. X loses electron and Y gains electron. Which of the following properties is not shown by Z? (a) Has high melting point (b) Has low melting point (c) Conducts electricity in molten state (d) Occurs as solid		1
Q5	Which one of the following correctly represents Sodium oxide? 		1
Q6	The change in colour of the moist litmus paper in the given set up is due to i. presence of acid ii. presence of base iii. presence of $H^+(aq)$ in the solution iv. presence of Litmus which acts as an indicator (a) i and ii (b) Only ii c) Only iii (d) Only iv.		1

Q7	With the reference to four gases CO_2, CO, Cl_2 and O_2, which one of the options in the table is correct?	1

Option	Acidic oxide	Used in treatment of water	Product of respiration	Product of incomplete combustion
(a)	CO	Cl_2	O_2	CO
(b)	CO_2	Cl_2	CO_2	CO
(c)	CO_2	O_2	O_2	CO_2
(d)	CO	O_2	CO_2	CO_2

Q8	Observe the experimental setup shown below. Name the chemical indicated as 'X' that can absorb the gas which is evolved as a by-product of respiration.	1

Bell jar

Watch-glass containing substance 'X'

(a) NaOH   (b) KOH   (c) Ca (OH)$_2$ (d) K$_2$CO$_3$

Q9	Observe the three figures given below. Which of the following depicts tropic movements appropriately?	1

A   B   C

(a) B and C   (b) A and C
(c) B only   (d) C only

Q10	. The ability of a cell to divide into several cells during reproduction in Plasmodium is called	1

(a) budding   (b) reduction division
(c) binary fission   (d) multiple fission

Q11	Factors responsible for the rapid spread of bread mould on slices of bread are	1

(i) large number of spores
(ii) availability of moisture and nutrients in bread
(iii) presence of tubular branched hyphae
(iv) formation of round shaped sporangia
(a) (i) and (iii)   (b) (ii) and iv)
(c) (i) and (ii)   (d) (iii) and (iv)

Q12	Which is the correct sequence of the components of a reflex arc?	1

(a) Receptors→ Muscles→ Sensory neuron→ Motor neuron→ Spinal cord

	(b) Receptors→ Motor neuron → Spinal cord → Sensory neuron → Muscle (c) Receptors → Spinal cord → Sensory neuron → Motor neuron → Muscle (d) Receptors → Sensory neuron → Spinal cord → Motor neuron → Muscle	
Q13	A concave mirror produces a magnification of +4. The object is placed: (a) At the focus (b) Between focus and centre of curvature (c) Between focus and pole (d) Beyond the centre of curvature	1
Q14	Work of 14 J is done to move 2 C charge between two points on a conducting wire. What is the potential difference between the two points? (a) 28 V (b) 14 V (c) 7 V (d) 3.5 V	1
Q15	A student carries out an experiment and plots the V -I graph of three samples of nichrome wire with resistances R_1, R_2, R_3 respectively (Figure). Which of the following is true? (a) $R_1 = R_2 = R_3$ (b)$R_1 > R_2 > R_3$ (c) $R_3 > R_2 > R_1$ (d) $R_2 > R_3 > R_1$	1
Q16	The red colour of the sun at the time of sunrise and sunset is because: (a) red colour is least scattered (b) blue colour is least scattered (c) red colour is most at (d) blue colour is more scattered	1

For question numbers 17to20, two statements are given- one labeled Assertion (A) and the other labeled Reason (R). Select the correct answer to these questions from the codes (i), (ii), (iii) and (iv) as given below
i) Both A and R are true and R is correct explanation of the assertion.
ii) Both A and R are true but R is not the correct explanation of the assertion.
iii) A is true but R is false.
iv) A is false but R is true.

Q17	**Assertion (A)** : On reacting with water, calcium starts floating over water. **Reason (R):** Calcium reacts with cold water at room temperature.	1
Q18	**Assertion (A):** Pyruvate is a six-carbon molecule **Reason (R)** : It is prepared in the cytoplasm as the first step to cellular respiration	1
Q19	**Assertion (A):** Rusting of Iron is endothermic in nature. **Reason (R):** As the reaction is slow, the release of heat is barely evident	1
Q20	**Assertion (A):** A person cannot see his image in a concave mirror, unless, he is standing beyond the centre of curvature of the mirror. **Reason (R):** In a concave mirror, image formed is real provided the object is situated beyond its focus.	1

	SECTION-B *(Q.no. 21 to 26 are very short answer questions.)*	
Q21	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
Q22	Salt A commonly used in bakery products on heating gets converted into another salt B which itself is used for removal of hardness of water and a gas C is evolved. The gas C when passed through lime water, turns it milky. Identify A, B and C. Write equation.	2
Q23	a) What will happen if intake of iodine in our diet is low? b) What happens at the synapse between two neurons? **OR** 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.	2
Q24	How does fat get digested in human beings?	2
Q25	Which component of white light deviates (i) the least and (ii) the most while passing through a glass prism? State the reason of this difference in deviation. **OR**	1+1
Q25	Write the role of the following parts of an eye : (a) Pupil, (b) Ciliary Muscles	2
Q26	Answer the following : (a) Name the endocrine gland associated with brain? (b) Which gland secretes digestive enzymes as well as hormones? (c) Name the endocrine gland associated with kidneys? (d) Which endocrine gland is present in males but not in females?	2
	SECTION-C *(Q.no. 27 to 33 are short answer questions.)*	
Q27	The given reaction shows one of the processes to extract the metals like Iron and Manganese. MnO_2 (s) + Al(s) → Mn(l) + Al_2O_3(s) + Heat a) Give reason why the above reaction is known as a thermite reaction. b) Identify the substance oxidised and reduced in the above reaction. c) Give a reason why Aluminium is preferably used in thermite reactions.	3
Q28	In one of the industrial processes used for manufacture of sodium hydroxide, a gas X is formed as by product. The gas X reacts with lime water to give a compound Y which is used as a bleaching agent in chemical industry. Identify X and Y giving the chemical equations of the reactions involved. **OR** Observe the following schematic diagram for the preparation of hydrogen gas. What would happen if following changes are made?	3

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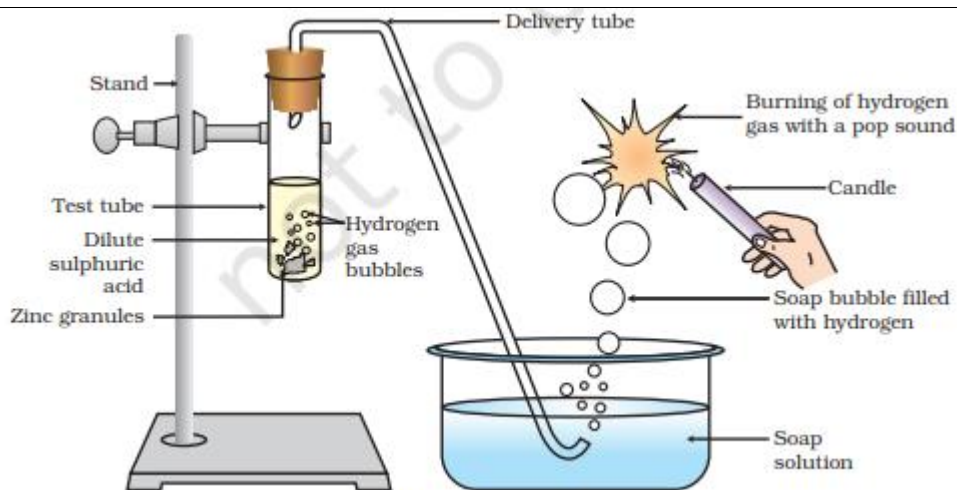
(a) In place of zinc granules, same amount of zinc dust is taken in the test tube
(b) Instead of dilute sulphuric acid, dilute hydrochloric acid is taken
(c) In place of zinc, copper turnings are taken
(d) Sodium hydroxide is taken in place of dilute sulphuric acid and the tube is heated.

Q29	a) Mention the pathway of urine starting from the organ of its formation. Support your answer with the diagram. b) Name four substances which are reabsorbed from the initial filtrate in the tubular part of the nephron. **OR** b) Proteinuria is a condition in which significant amounts of protein can be detected in urine. Which process in the nephron is likely to be affected causing proteinuria? Justify.	3
Q30	The image formed by a spherical mirror is real, inverted and is of magnification-2. If the image is at 30 cm from the mirror, where is the object placed? Find the focal length of the mirror. List two characteristics of the image formed if the object is moved 10 cm towards the mirror.	3
Q31	(a) List and explain two factors on which resistance of a conductor depends. (b)State and explain Ohm's law. Define resistance and give its SI unit. What is meant by 1 ohm resistance?	1+2
Q31	**OR** (a) Nichrome wire of length 'L' and radius 'R' has resistance of 10 Ω. How would the resistance of the wire change when: (i) Only length of the wire is doubled? (ii) Only diameter of the wire is doubled? Justify your answer. (b) Calculate the resistance of a metal wire of length 2m and area of cross section 1.55×10^6 m², if the resistivity of the metal be 2.8×10^{-8} Ωm.	2+1
Q32	(a) An object is placed at the focus of a convex lens. Draw a ray diagram to locate the position of the image formed, if any state its position and nature. (b) An object placed 50 cm from a lens produces a virtual image at 10 cm from the lens. Find the focal length of the lens and state the type of the lens used.	1+2
Q33	(a) Why is blood circulation in human heart called double circulation? (b) Why do veins have thin walls as compared to arteries?	3

<div align="center">**SECTION-D**
(Q.no.34 to 36 are Long answer questions.)</div>

Q34	a) Of the three metals X, Y and Z. X reacts with cold water, Y with hot water and Z with steam only. Identify X, Y and Z and also arrange them in order of increasing reactivity. b) Show electron dot structure of Magnesium chloride.	5

	OR Explain the following (a) Reactivity of Al decreases if it is dipped in HNO3 (b) Carbon cannot reduce the oxides of Na or Mg (c) NaCl is not a conductor of electricity in solid state whereas it does conduct electricity in aqueous solution as well as in molten state. (d) Iron articles are galvanised. (e) Metals like Na, K, Ca, and Mg are never found in their free state in nature.	
Q35	Distinguish between pollination and fertilisation. Mention the site and product of fertilisation in a flower. Draw a neat, labelled diagram of a pistil showing pollen tube growth and its entry into the ovule. **OR** How do *Plasmodium* and *Leishmania* reproduce? Write one difference in their mode of reproduction. Support your answer with the diagrams.	5
Q36	(a) Define the term 'one volt'. (b) State the relation between work, charge and potential difference for an electric circuit. (c) Calculate the potential difference between the two terminals of a battery if 100 J of work is required to transfer 20 C of charge from one terminal of the battery to the other. (d) How is an ammeter connected in a circuit to measure current flowing through it and why? **OR**	1+1+1+2
Q36	(a) Define the term 'one Ampere.' (b) State the relationship between the electric current, the charge moving through a conductor and the time of flow. (c) Calculate the charge passing through an electric bulb in 20 minutes if the value of current is 200 mA. (d) How is a voltmeter connected in a circuit to measure current flowing through it and why?	1+1+1+2
SECTION-E *(Q.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.)*	
Q37	a) Anand took four colourless solutions P, Q, R and S, and performed the following tests. What is the definite conclusion that Anand can reach? Explain (2)	4

	Solution P	Solution Q	Solution R	Solution S
With methyl orange	No change in colour	Turns red	No change in colour	No change in colour
With phenolphthalein	No change in colour	No change in colour	No change in colour	Turns pink
With red litmus	No change in colour	No change in colour	No change in colour	Turns litmus blue
With blue litmus	No change in colour	Turns litmus red	No change in colour	No change in colour

b) What will happen, if solution Q and S are mixed?(1)
c) Which solutions can represent Baking soda and Acetic acid from the given table? (1) or
c) Arrange solution in the order of increasing H ion concentration. (1)

Q38	Some sugar solution is taken in the test tube and little of substance X in powder form is added to it. The mouth of the test tube is closed with a cork and allowed to stand for sometimes. On opening the cork, a characteristic smell of substance Y is obtained and gas Z is also observed to be formed. The gas Z extinguishes a burning match stick. a) What could be i) X ii) Y and iii) Z? (1.5) b) What is the process of converting sugar into substance Y by the action of X known as? (1) What type of respiration is exhibited by X in the above process? (0.5) d) How is it different from other forms of respiration? (1) OR d) How terrestrial organisms differ from aquatic organisms in terms of respiration? (1)	4
Q39	A person is suffering from hypermetropia (long sightedness). It is a defect in which a human eye can see far off object clearly, but is unable to see nearby object distinctly. The near point of the person is 1 5. m Assume that the near point of the normal eye is 25 cm. (i) What type of lens should be used in his spectacles? (ii) What should be the focal length of the lens he used? (iii) What will be the power of the lens? **OR** (iv) Write one possible cause of this defect.	1+2+1
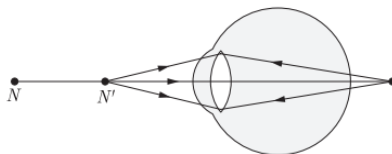
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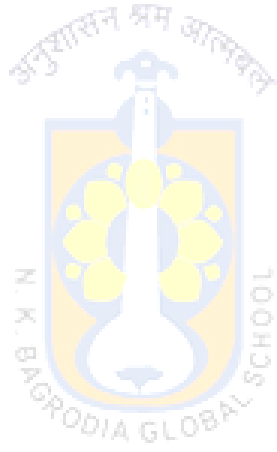
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Session: 2024-25

SAMPLE PAPER

SUBJECT: SOCIAL SCIENCE   MAX. MARKS: 80

CLASS: X   DURATION: 3 Hr

General Instructions:

- The question paper comprises Six Sections – A, B, C, D, E and F. There are 37 questions in the Question paper. All questions are compulsory.

- Section A – From questions 1 to 20 are MCQs of 1 mark each.

- 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.

- Section C contains Q.25to Q.29 are Short Answer Type Questions, carrying 3 marks each. Answer to each question should not exceed 60 words.

- 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.

- Section-E - Questions no from 34 to 36 are case based questions with three sub questions and are of 4 marks each. Answer to each question should not exceed 100 words.

- 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).

- 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.

- In addition to this, separate instructions are given with each section and question, wherever necessary.

- Note: CBQ stands for "Competency Based Question". 50% weightage allocated for competency-based questions.

	MCQs (1 X 20 =20)	
1.	1. Identify who is depicted in the painting from the options given below. a) Mazzini b) Garibaldi c) Bismarck d) Napoleon	
2.	Assertion Reason Based Questions In the questions given below, there are two statements marked as Assertion (A) and Reason (R). Read the statements and choose the correct option. (a) Both Assertion (A) and Reason (R) are true and Reason (R) is correct explanation of Assertion (A). (b) Both Assertion (A) and Reason (R) are true but Reason (R) is not the correct explanation of Assertion (A). (c) Assertion (A) is true but Reason (R) is false. (d) Assertion A) is false but Reason (R) is true. Assertion (A): The first clear expression of nationalism came with the French Revolution in 1789. Reason (R): France was a democracy in 1789.	

3.	Arrange the following in the correct sequence:
	
	   i. The Second Round Table Conference
	   ii. Ambedkar established Depressed Class Association
	  iii. Chauri Chaura Incident
	  iv. The Non-Corporation Movement and the Khilafat Movement launched.	

	a) ii, i, iv, iii
	b) iv, iii, ii, i
	c) ii, iv, iii, i
	d) iii, iv, i, ii
4.	The Congress session of December 1920 is known for _____. a) Adoption of Satyagrah b) Adoption of Non-cooperation programme c) Adoption of Civil Disobedience programme d) Adoption of Purna Swaraj
5.	Match the following: Column I Column II A. Plain area (i) 3.28 million sq km B. Total geographical area (ii) 43 per cent C. National Forest Policy (iii) 27 per cent D. Plateau Region (iv) 1952 (a) A – ii, B – i, C – iv, D – iii (b) A – i, B – ii, C – iv, D – iii (c) A – iii, B – iv, C – i, D – ii (d) A – iv, B – iii, C – ii, D – i
6.	The teacher is asking questions regarding the viewpoints of Gandhiji on resource conservation. She gave students the following clues. She told the students to identify the incorrect clues. The following are the clues: i. Gandhiji was very apt in voicing his concern about resource conservation. ii. He said, "There is enough for everybody's need and not for anybody's greed." iii. He placed greedy and selfish individuals and the exploitative nature of modern technology as the root cause for resource depletion at the global level. iv. He was against production by the masses and wanted to replace it with mass production. Identify the incorrect clue. a) Clue iv b) Clue iii and iv

	c) Clue i d) Clue ii and iii		
7.	Which one of the following statements is not an argument in favour of multipurpose river projects? a) Multi-purpose projects by regulating water flow helps to control floods b) Multi-purpose projects generate electricity for our industries and our homes c) Multi-purpose projects bring water to those areas which suffer from water scarcity d) Multi-purpose projects lead to large scale displacements and loss of livelihood		
8.	Which of the following options represents the steps that the government has undertaken in favour of the farmers? i. Encouraging speculators and middlemen for price determination. ii. Introducing Personal Accident Insurance Scheme. iii. Announcing minimum support price. iv. Introducing special weather bulletins and agricultural programmes. a) Statement i, ii, & iii are correct. b) Statement i and ii are correct. c) Statement ii is correct. d) Statement ii, iii & iv are correct.		
9.	Tea in Assam: Plantation Crop, Rice in Odisha: _____. a. Primitive Subsistence crop b. Commercial crop c. Plantation crop d. Subsistence crop		

10.	Which of the following statements accurately distinguishes the concept of power sharing among different social groups?
	a) Power sharing among different social groups can be observed in arrangements like the 'community government' in Belgium
	b) Power sharing among different social groups is a method used to alienate minority communities from the government.
	c) Power sharing among different social groups is exclusively limited to religious and linguistic groups.
	d) Power sharing among different social groups is primarily focused on giving minority communities a fair share in power.
11.	The given chart depicts which of the following option? a) Ethnic composition of Belgium b) Ethnic composition of Sri Lanka c) Ethnic composition of Brussels d) Ethnic composition of Wallonia
12.	Gargi lives in West Bengal. She is preparing for UPSC civil services. She does not know Hindi and wants to take the examination in her mother tongue. Is it possible for Gargi to do this? What will be the reason? a) Yes; because Bengali is given as an option in the central services examination b) Yes, because candidates can opt for any of the Scheduled Languages for central services examination c) Yes, because Bengali is one of the official languages d) No, because central services examinations are conducted in English and Hindi

13.	Assertion (A): Governments at different levels should agree to some rules of power-sharing. Reason (R): Mutual trust and agreement to live together is required for a federal system. 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.		
14.	In local self-government institutions, at least one-third of all positions are reserved for: a) scheduled tribes b) scheduled castes c) men d) women		
15.	Correct the following statement and rewrite: Pt. Jawaharlal Nehru used to say that religion can never be separated from politics.		
16.	Read the given data and find out which state is the least developed (based on per capita income) of the three.		

For Q16:

STATE	PER CAPITA INCOME for 2018-19 (in ₹)
Haryana	2,36,147
Kerala	2,04,105
Bihar	40,982

1. a) Haryana
2. b) Bihar
3. c) Kerala
4. d) Haryana and Kerala

17.	In some states, PDS functions well. Which of the following is incorrect with respect to PDS? a) It stands for People Distribution System. b) It ensures the availability of essential commodities like wheat, rice, etc. c) It is a food security programme initiated by the Government of India. d) It aimed to provide food grains at subsidised prices.		
18.	When there is a rise in economic development i.e in a developed economy, the significance of _____ sector increases. a) Agricultural b) Primary c) Secondary d) Tertiary		
19.	Read the information given below and select the correct option Farmers buy many goods such as tractors, pump sets, electricity, pesticides and fertilizers. Now suppose, if the price of fertilizers or pump sets goes up, the cost of cultivation of the farmers will rise and their profits will be reduced. What kind of situation is being indicated here? a) This is an example of the secondary or industrial sector being dependent on the primary. b) This is an example of the primary sector being dependent on the tertiary sector c) This is an example of the secondary sector being dependent on the tertiary sector. d) This is an example of the primary sector i.e., agriculture being dependent on the secondary sector.		
20.	Read the information given below and select the correct option A shoe manufacturer, M. Salim has to make a payment to the leather supplier and writes a cheque for a specific amount. This means that the shoe manufacturer instructs his bank to pay this amount to the leather supplier. The leather supplier takes this cheque and deposits it in his own account in the bank. The money is transferred from one bank account to another bank account in a couple of days. The transaction is complete without any payment of cash. What kind of payment system is indicated here? a) Loan activities of Bank		

b) Demand Draft

c) Cheque Payments

d) Electronic payments

SECTION B
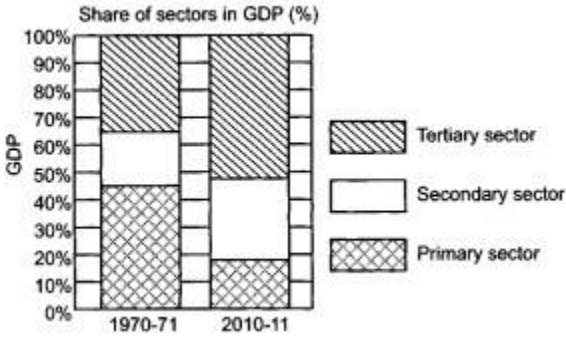
21.	Name the female allegory who represents France. Describe her main characteristics. OR How was the spirit of nationalism of the nineteenth century different from that of the first half of the century?	
22.	i. Study the map thoroughly and mention which ethnic community is concentrated in the north and east of the country. ii. Mention one step which was taken by Sri Lankan Government to create Majoritarianism. 	
23.	Why is working in an unorganized sector not considered secure?	
24.	Explain how public sector contributes to the economic development of a nation.	

25.	"Gandhiji saw this as an opportunity to bring Muslims under the umbrella of unified national movement" Can you explain that opportunity.	
26.	Which type of agriculture is known as slash and burn agriculture? What is the main disadvantage of this type farming?	
27.	How does the Constitution of India ensure that India remains a secular state?	
28.	Explain the consequences the world face, if nonrenewable resources get exhausted in the world?	
29.	Study the given diagram and answer the questions that follow i. Which sector shows the highest increase in share of GDP in the given period? ii. Which sector shows a decreasing trend in share of its GDP? iii. Why has the Primary sector remained more important than other sectors in spite of its smaller share in GDP? Give one reason.	
30.	Can you identify the different limitations of Civil Disobedience Movement?	
31.	Give any five examples of traditional water harvesting system prevalent in various parts of India.	
32.	Differentiate between Horizontal division of power sharing and Vertical division of power sharing?	
33.	Why is NREGA also called the Right to work? Explain the objectives of National Rural Employment Guarantee Act 2005.	

34	Read the source given below and answer the following questions: Following the defeat of Napoleon in 1815, European governments were driven by a spirit of conservatism. Conservatives believed that established, traditional institutions of state and society – like the monarchy, the Church, social hierarchies, property and the family –should be preserved. Most conservatives, however, did not propose a return to the society of pre-revolutionary days. Rather, they realised, from the changes initiated by Napoleon, that modernisation could in fact strengthen traditional institutions like the monarchy. It could make state power more effective and stronger. 1. What was the predominant ideology among European governments after Napoleon's defeat? (1) 2. What did conservatives believe should be preserved in society? (1) 3. How did conservatives view the relationship between modernisation and traditional institutions? (2)

35	Soil Read the text carefully and answer the questions:
	is the most important renewable natural resource. It is the medium of plant growth and supports different types of living organisms on the earth. The soil is a living system. It takes millions of years to form soil up to a few cms in depth. Relief, parent rock or bedrock, climate, vegetation and other forms of life and time are important factors in the formation of soil. Various forces of nature such as a change in temperature, actions of running water, wind and glaciers, activities of decomposers, etc. contribute to the formation of soil. Chemical and organic changes that take place in the soil are equally important. Soil also consists of organic (humus) and inorganic materials. The denudation of the soil cover and subsequent washing down is described as soil erosion. The processes of soil formation and erosion, go on simultaneously and generally there is a balance between the two.
	Sometimes, this balance is disturbed due to human activities like deforestation, over-grazing, construction and mining etc., while natural forces like wind, glacier and water lead to soil erosion. The running water cuts through the clayey soils and makes deep channels as gullies. The land becomes unfit for cultivation and is known as bad land.
	Sometimes water flows as a sheet over large areas down a slope. In such cases, the top-soil is washed away. This is known as sheet erosion. The wind blows loose soil off flat or sloping land known as wind erosion. Soil erosion is also caused due to defective methods of farming. Ploughing in a wrong way i.e. up and down the slope form channels for the quick flow of water leading to soil erosion.
	
	i. Which of the following statement is incorrect?
	
	    a) Humus and inorganic materials get mixed up in the soil.
	
	    b) The running water cuts through the clayey soils and makes deep channels as gullies.
	
	    c) Minerals and organic matter in the soil support growth of vegetation.

d) Soil formation is a non-replenishable process.

ii.   There is a balance between the process of _____ and _____ of soil.

a) composition and decomposition

b) degradation and formation

c) formation and erosion

d) erosion and denudation

iii. Why is soil considered as a resource? Explain with two arguments.

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36.   Read the text carefully and answer the questions:
Our Constitution did not give the status of national language to any one language. Hindi was identified as the official language. But Hindi is the mother tongue of only about 40 percent of Indians. Therefore, there were many safeguards to protect other languages. Besides Hindi, there are 21 other languages recognised as Scheduled Languages by the Constitution. A candidate in an examination conducted for the Central Government positions may opt to take the examination in any of these languages. States to have their own official languages. Much of the government work takes place in the official language of the concerned State. Unlike Sri Lanka, the leaders of our country adopted a very cautious attitude in spreading the use of Hindi. According to the Constitution, the use of English for official purposes was to stop in 1965. However, many non-Hindi speaking States demanded that the use of English continue. In Tamil Nadu, this movement took a violent form. The Central Government responded by agreeing to continue the use of English along with Hindi for official purposes. Many critics think that this solution favoured the English speaking elite. The promotion of Hindi continues to be the official policy of the Government of India. Promotion does not mean that the Central Government can impose Hindi on States where people speak a different language. The flexibility shown by Indian political leaders helped our country avoid the kind of situation that Sri Lanka finds itself in.

I)Official Language Act provides that English would remain the official language of the country so long as non-Hindi speaking States desire. Identify the benefit of adopting such a cautious approach?

a) None of these

b) Both strengthened the spirit of federalism and helped in avoiding confrontation with non-Hindi speaking southern states

c)Helped in avoiding confrontation with non-Hindi speaking southern states

d) Strengthened the spirit of federalism

ii) Here are the statements regarding the language policy followed in India. Which of the following holds true in the case of India?
i)The policy of accommodation has strengthened national unity.
ii)The language-based States have divided us by making everyone conscious of their language.
iii) The language policy has only helped to consolidate the dominance of English over all other languages.
iv) Indian Constitution gives the status of national language to any one language.

a) Option (i)

b) Option (iii)

c)Option (ii)

d)Option (iv)

iii State any two differences between the local government before and after the Constitutional amendment in 1992.

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

Identify them and write their correct names on the lines drawn near them.

i. Indian National congress session at this place in 1920.
ii. The place where Mahatma Gandhi broke the salt law

On the same outline map of India locate and label any 3 of the following with

suitable symbols.

i. Regions covered under Laterite Soil

ii. A dam built on river Chenab in India

iii. Coffee producing regions

Sample Paper
French
Class X

Time Allowed: 3 hrs.
Maximum Marks: 80

SECTION-A	READING COMPREHENSION	10 MARKS
SECTION-B	WRITING SKILLS	20 MARKS
SECTION-C	GRAMMAR	30 MARKS
SECTION-D	CULTURE & CIVILISATION	20 MARKS

SECTION – A
COMPREHENSION

Q I. Lisez le texte et répondez aux questions :

Il est généralement reconnu que les adultes ont besoin d'un minimum de 7 à 8 heures de sommeil. Pour les adolescents on parle généralement de 9 à 10 heures.

Mais, plusieurs adolescents ont des habitudes de vie qui ne sont pas compatibles avec leur réussite académique. Souvent des jeunes se mettent au lit beaucoup plus tard que leurs parents parce qu'ils continuent de bombarder leur cerveau* de stimulations avec l'aide de jeux vidéos ou de textes. Pour certains, la présence d'une télévision dans la chambre constitue une source constante de distractions et pour d 'autres il s'agit de téléphones intelligents avec toutes leurs applications plus séduisantes les unes que les autres. Idéalement, la chambre à coucher du jeune devrait être exempte de toute stimulation de nature électronique au moins une heure avant le moment prévu ** pour aller dormir. Les parents devraient continuer de superviser l'heure du coucher avec une attention particulière parce que le manque de sommeil affecte directement les résultats scolaires.

* brain   **expected

a) Répondez aux questions suivantes :

(i)   Que font les adolescents quand les parents se sont couches?

(ii)   Quelle serait la condition idéale de la chambre d'un jeune a l'heure de dormir?

b) Complétez avec un mot du texte.

(i)   Hier, j'ai achète ....disques de ce chanteur. Je l'aime beaucoup.   (autres/ leurs/ plusieurs)

(ii)   ……………….. je me lève tôt. Mais, ce matin je me suis lève tard.   (Généralement /Parce que / Directement)

(iii)   Il faut essayer de protéger notre ………………… d'eau potable.   (Présence/ résultat/ source)

c) Cherchez le contraire des mots:

   (i) absence

   (ii) bêtes

   (iii) tôt

   (iv) en plus

d) Trouvez dans le texte:

(i) Les deux verbs

(ii) La forme nominale de<< manquer>> et <<vivre>>.

(iii) La forme verbale de <<la continuite >>.

SECTION – B (L'Expression Ecrite)

Q 2. Vous écrivez une lettre à votre cousin (e) lui décrivant le système éducatif en France.

Ou

Votre ami/ amie est au chômage. Dites-lui ce qu'il/elle doit faire pour avoir un nouveau boulot. (80-100 mots)

Q 3.   Votre ami/e vous invite à une soirée d'anniversaire. Ecrivez-lui un message pour confirmer votre présence.

(30-40 mots)

OU

Mettez le dialogue en ordre.

- D'accord. Je serai prêté à 16h.
- Est-ce que tu as des billets ?
- Bonjour Claire ! Est-ce que tu es occupée ce soir ?
- Oui, c'était très difficile de les avoir.
- Oui, voudrais-tu aller à un match de tennis avec moi ?
- As-tu quelque chose à me proposer ?
- C'est génial ! A 16 h.

Q 4. Complétez le texte en utilisant les mots expressions donnes :

(Beaucoup/charges/ terminent/ diminuer/ longues/

Peut-être /matin/enseignement/ certains/enfants)

Les journées des ………….. en France sont un peu trop .... par rapport aux voisins européens. Elles sont très ……………. . Elles commencent le …………………. vers 8h30 et ………………. L'après-midi vers 16h30 ou 17 heures. On parle…………….. en ce moment de .... le nombre d'heures de course et peut – être de faire comme dans………….. pays, c'est – a – dire ne travailler que le matin. Cela signifie qu'il faudra........................ l' …………………. De certaines matières.

SECTION – C (GRAMMAIRE)

Q 5. Mettez les verbes au temps convenables :

a) J'…..............ces cadeaux à mes amis demain. (Envoye/ enverrai/ ai envoyé)

b) Si, je gagnais a la loterie, j'........................ une maison. (achèterai/achèterais/va acheter)

c) Tes cravates ? Je les…................dans la valise. (ai mis/ ai mets/ ai mises)

d) Je souhaite que Leena (n'est pas/ ne soit pas/ ne sera pas) si méchante.

e) (Vous asseyez/ Asseyez- vous/ Assieds- toi), s' il vous plait !

Q 6. Complétez avec des prépositions:

(De/pour/ dans /prés de / a /avec)

a)   Ma maison est ………….. la piscine du quartier. Je vais.................la piscine tous les jours.

b)   Mets de l'eau................ ce verre.

c)   On mange ce plat… .... Des frites.

d)   Mon cousin s'occupe …………. La musique .... la soirée.

Q 7. Remplacez noms soulignés par le/ la/ lui/ les / leur/ y/ en /eux/ moi, etc.

a) Avant-hier, j'ai rencontre **mes voisines devant le théâtre.**

b) Il ya trois croissants dans le frigo pour **les enfants.**

c) J'ai achète **trois jolies robes au marche** pour **ma fille.**

Q 8. Mettez au négatif :

   a) Mme Dupont achète du riz et des légumes.

   b) Tout le monde regarde la télé toute la journée.

   c) Pierre a déjà visite l'Inde.

   d) Tout est évident.

Q 9.Trouvez la question :

   a) Je veux acheter ces fleurs pour ma tante Emile.

   b) Il va chez le médecin **car il se sent malade.**

   c) J'en ai dix.

   d) C'est mon ami.

Q 10.Reliez en utilisant les pronoms relatifs composes :

   a) Il adore ce chien. Il se promène avec ce chien.

   b) C'est une bonne enterprise.Il travaille pour cette Enterprise.

   c) L'université .... il étudie est loin de chez lui.

Q 11. Complétez avec les adjectifs possessifs

   a) **Nous préférons voyager avec …………..**

   b) Prends………………. affaires.

   c) Anne présente …………..parents à son ami

SECTION – D (CIVILISATION)

Q 12. Répondez aux questions suivants :

   a) Qui élit le Président français ? Ou vit-il ?

   b) Quels sont les avantages d'Internet ?

   c) Qu'est-ce que l'IUT

   d) Quelle sont les responsabilités d'une secrétaire?

   e) Qui a écrit le Renard et le Raisin

Q 13. Dites Vrai ou Faux :

   a) Il faut respecter toutes les cultures du monde.

   b) En quittant un endroit touristique, nous devons laisser les bouteilles vides et les paquets de chips partout.

   c) Il ne faut pas consulter le médecin avant de prendre des médicaments.

   d) Si, on est trop stresse, on peut faire du yoga ou de la méditation.

Q 14. Complétez:

a) En Inde, le président est élu par les………………………… .

b) On obtient le...............................À la fin des études au lycée.

c) _____est un hebdomadaire.

d) Le Petit Prince est un roman d'……………………….. .

e) Votre .... Ne marche pas. Vous avez un problème de connexion.

Q 15 .Reliez   et réécrivez :

a) La Fontaine		(i) sans travail
b) Internet		(ii) les arbres et les animaux
c) Chômage		(iii) aide à communiquer
d) Paroles		(iv) Le renard et les raisins
e) Protéger		(v) Jacques Prévert

Session: 2024-25
<u>SAMPL PAPER PA - II</u>

SUBJECT: <u>SANSKRIT</u> MAX. MARKS: <u>80</u>
CLASS: <u>X</u> DURATION: <u>3 Hr</u>

निर्देशाः -   अस्मिन् प्रश्नपत्रे चत्वारः खण्डाः सन्ति।
- प्रतिखण्डम् उत्तराणि पृथक् प्रदत्तायाम् उत्तरपुस्तिकायां लेखनीयानि ।
- प्रत्येकं खण्डम् अधिकृत्य उत्तराणि क्रमेण लेखनीयानि ।
- प्रश्नसङ्ख्या प्रश्नपत्रानुसारेण लेखनीया।
- प्रश्नपत्रे उत्तराणि न लेखनीयानि ।
- खण्डनाम अपि लेखनीयम् ।

खण्डः 'क' (अपठितावबोधनम्–10 अङ्काः)

1.अधोलिखितं गद्यांशं पठित्वा प्रश्नानाम् उत्तराणि लिखत–
(10)

सर्वेषु धनेषु विद्याधनम् एव उत्तमं धनं मन्यते। विद्यया एव जनाः जानन्ति यत् किं कर्तव्यम् अस्ति किं च अकर्तव्यम् । अनया एव ज्ञायते यत् किम् उचितम् अस्ति किं च अनुचितम् । विद्याधनेन एवं वयं जानीमः यत् कः सन्मार्गः अस्ति कः च कुमार्गः । विद्यया एव मनुष्यः संसारे सम्मानं प्राप्नोति । विद्याहीनः जनः पशुतुल्यः एव भवति । कर्तव्याकर्तव्ययोः, धर्माधर्मयोः, हानिलाभयोः उचितानुचितयोश्च मध्ये सः अन्तरं न जानाति ।। विद्यया एव मानवजीवनमूल्यं ज्ञायते, जनानां सुखदुःखयोः भागं विद्यया एव गृह्यते । विद्याहीनस्य जनस्य जीवने कदापि सुखम्, सौहार्दम्, प्रसन्नता सहभागिता च न भवन्ति । अतः 'विद्या विहीनः पशुः' इति कथयित्वा विद्यायाः गुणगानं शास्त्रैः कृतम् । विद्याधनाय वारं वारं नमः ।

I. एकपदेन उत्तरत- (केवलं प्रश्नद्वयम्) 1x2=2
(i) कया मनुष्यः सम्मानं प्राप्नोति ?
(ii) मनुष्यः सम्मानं कुत्र प्राप्नोति ?
(iii) कस्मै नमः ?

II. पूर्णवाक्येन उत्तरत- (केवलं प्रश्नद्वयम्) 2x2=4
(i) विद्यया किं ज्ञायते ?
(ii) विद्याधनं कीदृशं धनं मन्यते ?
(iii) किं धनम् उत्तमं मन्यते ?

III. यथानिर्देशम् उत्तरत- (केवलं प्रश्नत्रयम्) 1x3=3

(i) अस्मिन् अनुच्छेदे 'कर्तव्यम्' इति पदस्य किं विपर्ययपदं प्रयुक्तम् ?

    (क) अकर्तव्यम्   (ख) कुमार्गः   (ग) अनुचितम्   (घ) उचितम्

(ii) 'जानन्ति' इति क्रियापदस्य अस्मिन् अनुच्छेदे कर्तृपदम् किम्?

    (क) जनाः   (ख) पशवः   (ग) खगाः   (घ) पक्षिणः

(iii) 'वयम्' इति कर्तृपदस्य क्रियापदं **गद्यांशे** किम् ?

    (क) जानन्ति   (ख) जानीमः   (ग) जानामः   (घ) ज्ञास्यामः

(iv) "विद्याधनम् एव उत्तमं धनं मन्यते ।" अस्मिन् वाक्ये 'धनम्' इति पदसय विशेषणपदं किम् ?

    (क)उत्तमम्   (ख) एव   (ग) विद्याधनम्   (घ) मन्यते

IV. अस्य गद्यांशस्य उचितं शीर्षकं लिखत ।-   **1x1=1**

<center>खण्डः 'ख' (रचनात्मकं कार्यम्–15)</center>

2.भवान् एकः विज्ञान–विषयस्य विद्यार्थी वर्तते । डी ए वी प्रकाशकं प्रति भवान् देवेन्द्रः पत्रं लिखित्वा विज्ञानस्य नूतनप्रकाशितानि पुस्तकानि प्रेषयितुं प्रार्थनां करोति । भवान् इदं पत्रं कथं लेखिष्यति इति मञ्जूषायाः सहायतया पत्रं पूरयतु भवान्-

<center>1/2x10=5</center>

<center>डी ए वी पब्लिक विद्यालयः</center>
<center>सेक्टर– 17</center>

सेवायाम्

श्रीमान् प्रकाशकमहोदय!   (i).............

(ii)...................   तिथिः.........

नवदिल्ली

विषय:- विज्ञानस्य नूतनप्रकाशितानि (iii).....................प्रेषयितुं पत्रम् ।

महोदय!

सादरं निवेदनम् अस्ति यत् अहं डी ए वी पब्लिक–विद्यालये एकः (iv)............. अस्मि । मम विज्ञानाध्यापकः ह्यः एव भवद्भिः सद्यः(v).................. विज्ञानपुस्तकानि अपश्यत्, सः तेषां पुस्तकानाम् अतीव प्रशंसाम् कृतवान् । अहमपि तानि पुस्तकानि (vi)............ इच्छामि अतः भवतां सेवायां (vii)............. अस्ति यत् मम इदं पत्रं प्राप्य शीघ्रमेव तानि पुस्तकानि वी०पी०पी० द्वारा (viii)............. । अहं पुस्तकानि प्राप्य सद्यः एव मूल्यं प्रेषयिष्यामि । भवताम् अतीव (ix)..........भविष्यति ।

<center>भवतां</center>
<center>शुभेच्छुकः(x).....................।</center>

> मञ्जूषा–निवेदनम्, डी ए वी प्रकाशन–विभागः, प्रकाशितानि, पठितुम्, द्वारका , कृपा, पुस्तकानि, देवेन्द्रः, छात्रः, प्रेषणीयानि

3.अधः प्रदत्तं चित्रम् दृष्ट्वा मञ्जूषायां प्रदत्त–शब्द–सहायतया संस्कृते पञ्च वाक्यानि लिखत-
(1x5=5)

| जले , निमज्जन्ति, रक्षति, सागरे, नौकायाः, चीत्कारम्, आह्वयन्ति, आत्मरक्षार्थम्, भयंकरम्, दृश्यम् |

अथवा

'साक्षरतायाः लाभाः' इति विषये मञ्जूषायाः पदानां सहायतया सरलसंस्कृते एकं अनुच्छेदं लिखत-

मञ्जूषा अक्षरज्ञानम्, जनानाम्, स्वहस्ताक्षरम्, आवेदनपत्रम्, नियुक्तिपत्रम्, राशिपत्रम्, पठितुं शक्यते, कोऽपि वञ्चितुं समर्थः, सर्वकारसमर्थितं जनान्दोलनम् वर्तते, ज्ञानपूर्णग्रन्थाणां पठने, चरित्रशिक्षणे, आदर्शशिक्षाग्रहणे ।

4.अधोलिखितां कथां मञ्जूषायाः सहायतया पूरयित्वा पुनः लिखत-

(1/2x10=5)

महर्षेः आरुणेः पुत्रः .... (i) 'आसीत् । यदा सः............ (ii) 'अभवत् तदा पिता आरुणि तं .... (iii) अप्रेषयत् । सः पुत्रः आचार्यम् उपेत्य यावत् (iv) .... अभवत् तावत् सः सर्वान् वेदान् सार्थान् अधीत्य पितुः सकाशम् आगच्छत् । "अहम् सर्वश्रेष्ठः" इति मन्यमानः सः (v) .... अभवत् । एवं भूतं पुत्रं दृष्ट्वा पिता तम् उवाच- हे श्वेतकेतो ! त्वम् आचार्यात् कः ईदृशः ग्रहीतः येन त्वं (vi) .... विपरीतम् अहङ्कारी अभवः ? हे पुत्र ! किं त्वं तं (vii) .... जानासि यस्य ज्ञानस्य पश्चात् सर्वम् अज्ञातं ज्ञातम्, यस्य श्रवणस्य पश्चात् सर्वम् (viii) .... श्रुतम् सर्वम् अमतमपि मतं भवति । इदं श्रुत्वा श्वेतकेतुः अवदत्- "कथम् इदम् इति?" इदं श्रुत्वा पिता तस्मै (ix) .... वटवृक्षस्य उदाहरणं यच्छन् जगतः .... (x) - ज्ञानं प्रतिपादयति ।

| **मञ्जूषा**– स्वकुलपरम्परायाः, अश्रुतमपि, श्वेतकेतुः, तत्वज्ञानम्, न्यग्रोधफलमाध्यमेन, द्वादशवर्षीयः, उद्धतस्वभावः, तत्व , गुरुकुलम्, चतुर्विंशतिवर्षः| |

अथवा

रिक्तस्थानानि पूरयित्वा अधोलिखितसंवादं पुनः लिखत ।

सार्थकः - (स्वपितामहस्य समीपं गत्वा) तात! आगामी सत्रात् मम विद्यालये नवीन−शिक्षा नीतिः आरम्भा भविष्यति ।

पितामहः - पुत्र! (i) ....

सार्थकः - पितामह! तस्याः प्रमुखा विशेषता छात्राणाम् आयु–प्रमाणानुसारमेव शिक्षा–दानम् ।
परीक्षायाः च भयं दूरीकरणम् ।

पितामहः - प्रिय ! एतत् तु उचितमेव अस्ति । परं (ii)...?

सार्थकः - पितामह! तत्र शिक्षायाः पञ्च स्तराणि निर्धारितानि सन्ति। यथा- कक्षा प्रथमातः तृतीया पर्यन्तम्, चतुर्थीतः पञ्चमी पर्यन्तम्, षष्ठीतः अष्टमी पर्यन्तम्, नवमीतः एकादशी पर्यन्तम्, द्वादशीतः स्नातक पर्यन्तम् ।

पितामहः - एषा तु रचनात्मिका नीतिः प्रतीयते । ज्ञायते यत् अधुना

(iii).....................................

सार्थकः – भवान् सत्यं वदति । एतया नीत्या देशस्य अतीवोपकारं भविष्यति ।

पितामहः – शास्त्रेषु कथ्यते अनया शिक्षया (iv)...............................।

सार्थकः - पितामह! अस्य कोऽर्थः अस्ति?

पितामहः – पुत्र! अस्य अर्थः अस्ति यत् (v)...................................।

सार्थकः - भवान् सत्यं वदति तात ! अहमपि भवताम् आशीर्वादन धनं यशश्च प्राप्स्यामि।

पितामहः:-तव शुभं भवतु पुत्र!

| मञ्जूषा– मनुष्यः शिक्षया धनं यशश्च प्राप्नोति, विन्दते वसुः, तस्याः शिक्षानीत्याः स्तराणि कानि सन्ति, तस्याः प्रमुखा विशेषता का अस्ति, देशस्य अतीवोपकारं भविष्यति |

खण्डः 'ग' (अनुप्रयुक्त-व्याकरणम्–25)

5. निम्नलिखितेषु वाक्येषु रेखाङ्कितपदानां सन्धिं विच्छेदं वा कृत्वा लिखत- (केवलं प्रश्नचतुष्टयम्) (1x4=4)

(i) <u>न + एकेनापि</u> समं गता वसुमतिः ।

(ii) <u>कुक्कुटः + अपि</u> एतत् कार्य करोति ।

(iii) <u>वाक् + मयम्</u> तपः उच्यते ।

(iv) <u>इति+उक्त्वा</u> सा गता ।

(v) <u>एतन्न</u> रोचते ।

6. रेखाङ्कितपदानां समासं विग्रहं वा कृत्वा लिखत- (केवलं प्रश्नचतुष्टयम्)
(1x4=4)

(i) न्यायाधीशः **यथानियमम्** अपराधिनं दण्डयति।

   (क) नियमम् अनतिक्रम्य   (ख) नियमस्य अनतिक्रमय

   (ग) नियमः अनतिक्रम्य   (घ) नियमम् अपमिक्रम्य

(ii) मेध्यम् **न मेध्यं** सर्वं भक्षयति काकः।

   (क) नमेध्यम्   (ख) अमेध्यम्   (ग) मेध्यम्   (घ) अनमेध्यम्

(iii) **सचित्रं** पाठ्यपुस्तकं आनय ।

   (क) चित्रेण सहितम्   (ख) चित्रस्य समीपम्   (ग) चित्रेण अनतिक्रम्य   (घ)

चित्रस्य योग्यम्

(iv) कोकिल: **आम्रवृक्षे** स्थित्वा गायति ।

  (क) आम्रात् वृक्षे   (ख) आम्राय वृक्षे   (ग) आम्रस्य वृक्षे   (घ) आम्रेण वृक्षे

(v) बालक: **प्रतिदिनम्** उद्याने विहरति ।

  (क) दिनस्य दिनस्य इति (ख) दिनं दिनं प्रति (ग) दीनं दिनम् इति   (घ) प्रति प्रति दिन

7. अधोलिखितवाक्येषु रेखाङ्कितपदेषु प्रकृति-प्रत्ययान् संयोज्य विभज्य वा लिखत- (केवलं प्रश्नचतुष्टयम्)

          (1x4=4)

(i) <u>मनुजता</u> सर्वोपरि भवति ।

  (क) मनुज+ता   (ख) मनुज+तल्   (ग) मनुज+ताम्   (घ) मनुज+त्व

(ii) <u>धन + मतुप्</u> निर्धनानां सहायतां करोति ।

  (क) धनवान्   (ख) धनमान्   (ग) धनवती   (घ) धनहीन:

(iii) अद्य <u>साप्ताहिकी</u> परीक्षा भविष्यति

  (क) सप्ताह + टाप्   (ख) सप्ताह + डीप्   (ग) सप्ताह + ठक्   (घ) सप्ताह + क्त

(iv) श्रीकृष्ण: अति <u>बुद्धि + मतुप्</u> आसीत् ।

  (क) बुद्धिवान्   (ख) बुद्धिमतुप्   (ग) बुद्धिमत्   (घ) बुद्धिमान्

(v) किं ते <u>महत्+ त्व</u> ?

  (क) महत्ता   (ख) महनीयता   (ग) महत्त्वम्   (घ) महत्व:

8. वाच्यानुसारम् उचितै: पदै: वाक्यपूर्तिं कुरुत- (केवलं प्रश्नत्रयम्)   (1x3=3)

  (i) मया............. गम्यते ।

  (ii) ....नृपं पश्यामि।

  (iii) ....कविता श्रूयते।

  (iv) ....फलानि खादन्ति ।

मञ्जूषा – अस्माभि:, ते, ग्राम:,अहम्

9. अङ्कानां स्थाने संस्कृते समयं लिखत यत् तव पितामही कदा किं च कार्यं करोति ? (केवलं प्रश्नत्रयम्)

          (1x3=3)

(i) सा प्रातः (5:00).........वादने उत्तिष्ठति ।

(ii) सा (6:30)...............वादने ईशवन्दनां करोति ।

(ii) यदा अहम् (2:15)...........वादने विद्यालयतः आगच्छामि सा मया सह भोजनं करोति ।

(iv) सा (2:45)..............वादने विश्रामं करोति ।

10. मञ्जूषातः उचितम् अव्ययपदं चित्वा वाक्यानि पूरयत- (केवलं प्रश्नचतुष्टयम्) (1x4=4)

(i) त्वम्..............उत्तिष्ठसि ?

(ii) ते................आगच्छन्ति?

(iii) मम ग्रामात्...........एका नदी अस्ति।

(iv) अहं तु ....विदेशं न अगच्छम् ।

(v) ज्ञानं विना जीवनं............. भवति ।

> **मञ्जूषा**–बहिः, कुतः, कदा, कदापि, वृथा

11. निम्नवाक्येषु रेखाङ्कितपदानां संशोधनं कृत्वा पुनर्लिखत- (केवलं प्रश्नत्रयम्) (1x3=3)

(i) जन्तुशालायां अनेके <u>सिंहः</u> आसन् ।

   (क) सिंहाः   (ख) सिंहे   (ग) सिंहानाम्   (घ) सिंहेषु

(ii) तत्र वानराः अपि <u>कूर्दति</u> ।

   (क) कूर्दतः   (ख) कूर्दन्ति   (ग) कूर्दसि   (घ) कूर्दन्ते

(iii) एतत् दृष्ट्वा बालकाः <u>प्रसन्नम्</u> अभवन् ।

   (क) प्रसन्ना   (ख) प्रसन्ने   (ग) प्रसन्नाः   (घ) प्रसन्न

(iv) ते <u>सर्वाः</u> पुनरपि आगन्तुम् अचिन्तयन् ।

   (क) सर्वम्   (ख) सर्वे   (ग) सर्वाणि   (घ) सर्वाः

खण्ड 'घ' (पठितावबोधनम्-30)

12. अधोलिखितं गद्यांशं पठित्वा प्रश्नानाम् उत्तराणि उत्तरपुस्तिकायां लिखत- (5)

अथ एकदा भगवान् बोधिसत्वः बहुजन्मार्जितपुण्यफलैः शिवीनां राजा बभूव । सः बाल्यात् एव वृद्धोपसेवी, विनयशीलः, शास्त्रपारङ्गतः च आसीत्। जनकल्याणकर्मसु रतः असौ पुत्रवत् प्रजाः पालयति स्म । कारुण्य-औदार्यादिसद्गुणोपेतः स नगरस्य समन्ततः धन-धान्यसमृद्धाः दानशालाः अकारयत्। तत्र अर्थिनां समूहः अन्न-पान-वसन-रजत-सुवर्णादिकानि अभीष्टानि वस्तूनि प्राप्य सन्तुष्टः अभवत् ।

I. एकपदेन उत्तरत- (केवलं प्रश्नद्वयम्)1/2x2=1

(i) कः शिवीनां राजा बभूव ?

(ii) कः पुत्रवत् प्रजाः पालयति स्म ?

(iii) बोधिसत्त्वः कः आसीत् ?

II. पूर्णवाक्येन उत्तरत- (केवलं प्रश्नद्वयम्) 1x2=2

(i) राजा बाल्यात् एव कीदृशः आसीत् ?

(ii) स नगरस्य समन्ततः कीदृशी दानशालाः अकारयत्?

(iii) अर्थिनां समूहः कीदृशानि अभीष्टानि वस्तूनि प्राप्य सन्तुष्टः अभवत्?

III निर्देशानुसारम् उत्तरत- (केवलं प्रश्नद्वयम्) 1x2=2

(i) 'धन-धान्यसमृद्धाः दानशालाः अकारयत्।' अत्र विशेष्यपदं किम् ?

(ii) अनुच्छेदे 'बभूव' इति क्रियायाः कर्तृपदं किम् ?

(iii) अनुच्छेदे 'नृपः' इति पदस्य कः पर्यायः आगतः ?

13. अधोलिखितपद्यांशं पठित्वा प्रश्नानाम् उत्तराणि लिखत–

(5)

अपूर्वः कोऽपि कोशोऽयं विद्यते तव भारति ।
व्ययतो वृद्धिमायाति क्षयमायाति सञ्चयात् ॥

I. एकपदेन उत्तरत-(केवलं प्रश्न–द्वयम्) 1/2x2=1

(i) सरस्वत्याः कोशः कथं वर्धते ?

(ii) सरस्वत्याः कोशः कीदृशः वर्तते ?

(iii) सरस्वत्या कः अपूर्वः वर्तते ?

II. पूर्णवाक्येन उत्तरत-(केवलं प्रश्न–द्वयम्) 1x2=2

(i) विद्यायाः व्ययतः किं आयाति ?

(ii) विद्यायाः क्षयम् कदा आयाति ?

(iii) विद्यायाः सञ्चयात् किम् भवति ?

III. निर्देशानुसारम् उत्तरत-(केवलं प्रश्न–द्वयम्) 1x2=2

(i) अस्मिन् श्लोके 'अस्ति' इत्यर्थे किं पदं प्रयुक्तम् अस्ति ?

(ii) 'अपूर्वः' इति विशेषणपदस्य विशेष्यपदं किम् ?

(iii) 'क्षयम्' इति कर्तृपदस्य श्लोके क्रियापदं किं प्रयुक्तम् ?

14. अधोलिखितं नाट्यांशं पठित्वा प्रदत्त–प्रश्नानाम् उत्तराणि उत्तर–पुस्तिकायां लिखत-

(5)

राजहंसः – अये! किन्तु खलु सरस्तीरे विहरति मयि केनापि कर्कशैः'का का' शब्दैः वातावरणम् आकुलीक्रियते ?

राजहंसी – भर्तः! काकात् अन्यत् को भवितुमर्हति ? अस्य वर्णः अपि कृष्णः कर्म अपि कृष्णम् । मेध्यम् अमेध्यं सर्वमेव भक्षयति। कर्णकटुशब्दैः..........................

काकः – (प्रविश्य, सक्रोधम्) किमुक्तवती भवती? यदि अहं कृष्णवर्णः तर्हि श्रीरामस्य वर्णः कीदृशः? श्रीवासुदेवस्य वर्णः कीदृशः? मुग्धे! अहं तु अतीव कर्तव्यपरायणः । प्रभाते 'का

का' ध्वनिना सुप्तान् प्रबोधयामि कर्मसु च विनियोजयामि।

I. एकपदेन उत्तरत- (केवलं प्रश्नद्वयम्)1/2x2=1

(i) राजहंसः कुत्र विहरति ?

(ii) काकस्य वर्णः कीदृशः अस्ति?

(iii) सरस्तीरे कः विहरति?

II. पूर्णवाक्येन उत्तरत- (केवलं प्रश्नद्वयम्)1x2=2

(i) कः अतीव कर्तव्यपरायणः वर्तते ?

(ii) केन कीदृशैः 'का का' शब्दैः वातावरणम् आकुलीक्रियते ?

(iii) प्रभाते कः सुप्तान् प्रबोधयति कर्मसु च विनियोजयति ?

III. निर्देशानुसारम् उत्तरत- (केवलं प्रश्नद्वयम्) 1x2=2

(i) अस्मिन् अनुच्छेदे 'भ्रमति' इत्यर्थे किं क्रियापदं प्रयुक्तम् ?

(ii) 'श्वेतः' इति पदस्य कः विपर्ययः अत्र प्रयुक्तः ?

(iii) 'शब्दैः' इति पदस्य किं विशेषणपदम् अत्र प्रयुक्तम् ?

15. रेखाङ्कितपदानि आधृत्य प्रश्ननिर्माणं कृत्वा वाक्यानि पुनः लिखत- (केवलं पञ्चप्रश्नाः) (1x5=5)

(i) <u>राज्ञः</u> दानशीलतां श्रुत्वा जनाः तत्र आयान्ति स्म ।

(ii) विद्या समं <u>चक्षुः</u> नास्ति ।

(iii) <u>गुरुषु</u> अवधीरणा एव विषम् ।

(iv) <u>सूपकाराः</u> मेषं ताडयन्ति।

(v) यत्र <u>गृहे</u> नित्यं कलहः स्यात् ।

(vi) मयूरस्य नृत्यं <u>प्रकृतेः</u> आराधना ।

16. अधोलिखितश्लोकस्य अन्वयं मञ्जूषायाः सहायतया पूरयित्वा पुनः लिखत- (1/2x4=2)

आचार्यात्पादमादत्ते पादं शिष्यः स्वमेधया ।

कालेन पादमादत्ते पादं सब्रह्मचारिभिः ॥

अन्वयः– शिष्यः (i)........ पादम् आदत्ते।(ii)............पादमादत्ते, कालेन (iii)...............आदत्ते (शिष्यः) (iv).............. पादम् आदत्ते।

मञ्जूषा– स्वमेधया, आचार्यात्, पादम्, सब्रह्मचारिभिः

अथवा

अधोलिखितश्लोकस्य भावार्थं मञ्जूषायाः सहायतया पूरयित्वा पुनः लिखत-

काकः कृष्णः पिकः कृष्णः, को भेदः पिककाकयोः ।

वसन्तसमये प्राप्ते, काकः काकः पिकः पिकः ॥

भावार्थः– कोकिलः मयूरं सम्बोध्य वदति - हे मयूर ! शृणु । अस्मिन् (i)......... काकस्य वर्णः (ii)....... पिकस्य (कोकिलस्य) अपि (iii)........... कृष्णः भवति अतः तयोः मध्ये वर्ण-दृष्ट्या कश्चिद् भेदो नास्ति। परन्तु यदा (iv)............. समयः आगच्छति तदैव ज्ञायते यत् का का स्वरेण अयं काकः अस्ति कू-कू च स्वरेण अयं कोकिलो वर्तते ।

मञ्जूषा–कृष्णः, वर्णः, संसारे, वसन्तस्य

प्रश्न 17.रेखाङ्कितपदानां   प्रसङ्गानुसारं शुद्धम् अर्थ चित्वा लिखत (केवलं प्रश्नचतुष्टयम्)-   (1x4=4)

(i) अलम् अलं <u>मिथः</u> कलहेन ।

(क) परस्परम्   (ख) ईदृशम्   (ग) मिथकः   (घ) व्यर्थम्

(ii) नीतिविदां अग्रणी वानराणां <u>यूथपतिः</u> अचिन्तयत्।

(क) पतिः   (ख) समूहपतिः   (ग) गजपतिः   (घ) वानरपतिः

(iii) <u>वैद्याः</u> अवदन् ।

(क) नराः   (ख) चिकित्सकाः   (ग) वैज्ञानिकाः   (घ)अध्यापकाः

(iii) <u>विद्धि</u> एवं हि वैरिणम्।

(क) जानीहि   (ख) अर्पय   (ग) पश्य   (घ) कुरु

(v) मेषः <u>महानसं</u> प्रविश्य यत् पश्यति तद् भक्षयति ।

(क) देवशालाम्   (ख) पाकशालाम्   (ग) मन्दिरम्(घ) हयशालाम्

18. अधोलिखितकथां रिक्तस्थानानि पूरयित्वा पुनः लिखत-
(1/2x8=4)

एकस्मिन् ..1.....चन्द्रः नाम भूपतिः वसति स्म । तस्य पुत्राः ......2.... सह क्रीडन्तः तान् विविधैः.....3........ पुष्टिं नयन्ति स्म। तस्मिन् राजगृहे एव बालवाहनयोग्यम् एकं मेषसमूहम् अपि आसीत् तेषु एकः मेषः जिह्वा–लोलुपतया सर्वदा ....4.....प्रविश्य तत्र यत् पश्यति तत् भक्षयति। सूपकाराः च पाकशालायां यत् मिलति तेन तं ताडयन्ति स्म । एतत् सर्वं दृष्ट्वा वानराणां यूथपतिः वानरान् ......5......– अत्र निवासम् उचितं नास्ति। यतोहि सूपकारमेषयोः कलहः अस्माकं कृते विनाशकारकः भविष्यति। परन्तु जिह्वा–लोलुपाः वानराः तस्य कथनं न शृण्वन्ति। एकदा मेषः यदा महानसं प्रविशति तदैव सूपकाराः अर्धज्वलितकाष्ठेन तं .....6........। एवं ज्वलन् मेषः अश्वशालां प्रविशति । अनेन अश्वाः दग्धाः भवन्ति। तदनन्तरं राजा वैद्योक्त–विधिना वानराणां ....7......अश्वानां उपचारं कारयितुम् आदेशं यच्छति। एतत् श्रुत्वा वानराः दुःखिताः भवन्ति चिन्तयन्ति च किमर्थम् अस्माभिः........8.......अवधीरिताः।

मञ्जूषा- पाकशालां, ताडयन्ति, गुरुजनोपदेशाः, अवदत्, वानरैः, नगरे, मेदसा,भोज्यपदार्थैः

N. K. BAGRODIA GLOBAL SCHOOL
SECTOR-17, PHASE-II, DWARKA, NEW DELHI-78

Session: 2024-25
PERIODIC ASSESSMENT-II (SAMPLE PAPER)

SUBJECT: INFORMATION TECHNOLOGY (402)   **MAX. MARKS:** 50
CLASS: X   **DURATION:** 2 Hours

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

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

i.	**Which of these is NOT an appropriate non-verbal communication at work?**
	    i. Keeping hands in pockets while talking
	    ii. Talking at moderate speed
	    iii. Sitting straight
	    iv. Tilting head a bit to listen
		1

ii.	**The process of converting encoded information into understandable form is known as ………………………. .**
	    i. Sender
	    ii. Encoding
	    iii. Channel
	    iv. Decoding
		1

iii.	**Which barrier separates people due to space and working environment, where closed doors hinder the communication?**
	    i. Physical Barriers
	    ii. Gender Barriers
	    iii. Emotional Barriers
	    iv. Attitudinal Barriers
		1

iv.	**You need to apply leave at work. Which method of communication will you use?** i. E-mail	1

	ii. Poster iii. Newsletter iv. Blog	
v.	**What are the types of words we should use for verbal communication?** 　i. Acronyms 　ii. Simple 　iii. Technical 　iv. Jargons	1
vi.	**Which of the following refers to an unwanted and unsolicited message?** 　i. Spam 　ii. MBR 　iii. Boot Sector Virus 　iv. None of these	1
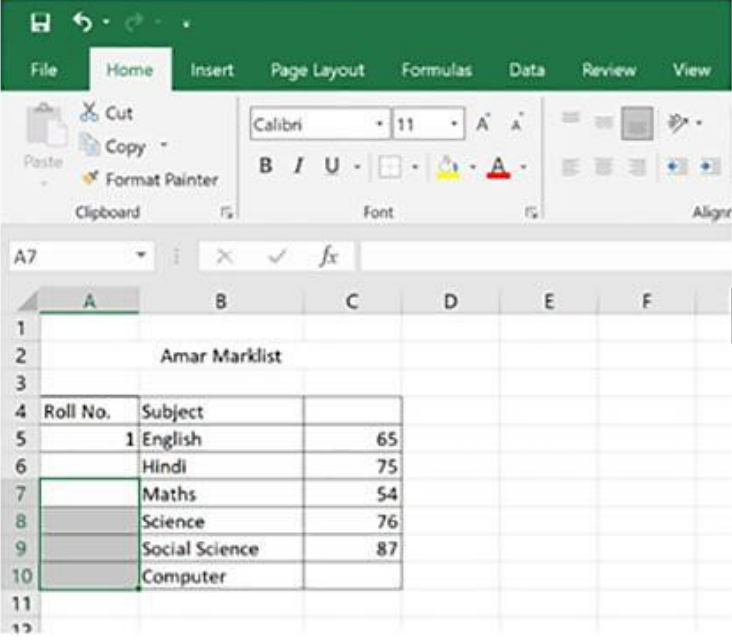
Q. 2	**Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)**	
i	**............................. option allows to control the arrangement of text and graphic objects in the document.** 　i. Arrangement 　ii. Alignment 　iii. Wrapping 　iv. Anchoring	1
ii	**Mail Merge involves merging of ....** 　i. two documents 　ii. two mails 　iii. both of the above 　iv. None of the above	1
iii	**Gaurav has inserted an image in a document. He wants to remove the unwanted area of the image. Which option of the word processor he will use to complete the task?** 　i. Clip art 　ii. Cut 　iii. Crop 　iv. Contrast	1
iv	**Which of the following feature of Writer help us to create a letter for multiple people with personalized touch?** 　i. Letter Merge 　ii. Template 　iii. Mail Merge 　iv. Style	1
v	**We can create style by:** 　i. New Style from a selection 　ii. Dragging and Dropping 　iii. Both of the above 　iv. None of the above	1
vi	**Which of the following is an example of application software?** 　i. Linux 　ii. Compiler 　iii. iOS 　iv. OpenOffice Writer	1

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

i	**Which of the following functions are available in consolidate window?**
	    i. Max
	    ii. Min
	    iii. Count
	    iv. All of the above
		1

ii	**---------------- is the sum of a set of numbers which is then added to another set or sets of numbers to make the grand total**
	    i. average
	    ii. min
	    iii. max
	    iv. subtotal
		1

iii	**Which of the following are the different tools of What-if Analysis?**
	    i. Scenario
	    ii. Goal Seek
	    iii. Solver
	    iv. All of the above
		1

iv	**We can shift from one scenario to another by ....**
	    i. Navigator
	    ii. Find and Replace
	    iii. Data Source
	    iv. None of the above
		1

v	**Which of the following is used to position an image in a word processor document?**
	    i. Anchors
	    ii. Handles
	    iii. Templates
	    iv. Frames
		1

vi	**When you create a new style from selection, it will ....**
	    i. be saved in the template
	    ii. be not saved in the template
	    iii. be overwrite selected style in the template
	    iv. all of the above
		1

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

i	**Which of the following is a shortcut to print?**
	    i. Ctrl+S
	    ii. Ctrl+P
	    iii. Ctrl+V
	    iv. Ctrl+Z
		1

ii	**Consolidate option is available under .... menu.**
	    i. View
	    ii. Tool
	    iii. Insert
	    iv. Data
		1

iii	Scenarios are tool to test .... questions.
	    i. if else
	    ii. what else
	    iii. what if
	    iv. if
			1

iv	Hyperlink in spreadsheet software is used to:
	    i. to jump from one sheet to another sheet.
	    ii. to jump from one sheet to website
	    iii. to jump from one section to another section of same sheet
	    iv. All of the above
			1

v	Which of the following is the option to add image in a document?
	    i. From File
	    ii. Scan
	    iii. Both i and ii
	    iv. None of these
			1

vi	Which of the following is a reference to a specific location, document or web-page that the user can switch by clicking on it?
	    i. Hyperlink
	    ii. URL
	    iii. Address
	    iv. There is no such facility in spreadsheet software
			1

Q. 5	Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)	
i	Prisha is a book editor. She wants to change the indentation of all paragraphs, and change the font of all titles in the book. Which feature she should use to make the task easy?	1
ii	Millennium University is organizing a reunion meet for their alumnae students. For this purpose, university wants to send the invite to all these students with their different addresses. Which feature of the Word Processor University should use to accomplish the task?	1

iii	If you have two spreadsheets in the same folder linked to each other and you move the entire folder to a new location, a relative hyperlink will ....
	    i. not work
	    ii. work
	    iii. may work
	    iv. None of the above
		1

iv	Which of these is a document that contains pre-defined formatting styles, graphics, tables, objects, and other information?
	    i. Template
	    ii. Letters
	    iii. Clipart
	    iv. None of these
		1

v	Which of the following refers to the collecting and integrating data from multiple worksheets or workbooks into a single/master worksheet?
	     i. Data collection
	     ii. Data consolidation
	     iii. Data Integration
	     iv. None of these
		1

vi	Amar is scoring 71.4% aggregate and needs at least 75% to qualify for yearly scholarship. Fortunately, he has a chance to use his Computer subject's score to raise the aggregate. Which feature can be used to calculate the same? 	1

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.

Q. 6	List the problems that can occur due to stress.	2
Q. 7	Define any two principles of effective communication.	2
Q. 8	Explain the various ways of protecting a computer against virus. Also, name some of the popular antivirus software.	2
Q. 9	List the name of any five operating system.	2
Q. 10	Write a short notes on: a. Operating System **b.** Desktop	2

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

Q. 11	**What is Goal Seek?**	2
Q. 12	**Explain 'Solver' with the help of example.**	2
Q. 13	**What are hyperlinks?**	2
Q. 14	**Answer the following questions:** **a.** What are styles? **b.** What are different categories of styles in word processor?	2
Q. 15	**What is Mail Merge?**	2
Q. 16	**What is the use of inserting header and footer in document?**	2

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

Q. 17	**Answer the following questions:** **a.** Define Margin. **b.** What is 'Drawing toolbar' used for?	4
Q. 18	**Guess, who am I?** a) I am an option that sends the selected image to the bottom of the screen relative to other object. b) am a window used to quickly apply the selected style. c) I am a set of pre-defined formatting options that can be applied in a word processor document. d) I am an option that brings the image one level up in the screen relative to other object.	4
Q. 19	**What is a Word Processor? Give any 4 important features of a Word Processing software.**	4
Q. 20	**Write short notes on:** a) Resizing Image b) Template	4
Q. 21	**What is the difference between Page styles and frame styles?**	4

N.K. BAGRODIA GLOBAL SCHOOL
Sector-17, Dwarka
MID TERM EXAMINATION (SAMPLE PAPER)
Session: 2024-25
GRADE-X

Time Allowed: 2 Hours   **Maximum Marks**: 50 Marks

General Instructions:

General Instructions :
- (i) *Please read the instructions carefully.*
- (ii) *This question paper consists of 21 questions in two sections : Section A & Section B.*
- (iii) *Section A has objective type questions whereas Section B contains subjective type questions.*
- (iv) *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.*
- (v) *All questions of a particular section must be attempted in the correct order.*
- (vi) *Section A – Objective type questions (24 marks) :*
  - (a) *This section has 05 questions.*
  - (b) *Marks allotted are mentioned against each question/part.*
  - (c) *There is no negative marking.*
  - (d) *Do as per the instructions given.*
- (vii) *Section B – Subjective type questions (26 marks) :*
  - (a) *This section has 16 questions.*
  - (b) *A candidate has to do 10 questions.*
  - (c) *Do as per the instructions given.*
  - (d) *Marks allotted are mentioned against each question/part.*

Section-A – Objective Type Questions (10 Marks)

Q1.		Answer any 4 questions out of the given 6 questions of 1 mark each. (1 × 4 = 4)	
	i.	Which of the following skills are essential for working in an organisation? a) Stress c) Communication b) Good communication d) None	1
	ii.	Who interprets the message conveyed by a sender? a) Sender c) Receiver b) Audience d) Organisers	1
	iii.	By what action can senders send their message? a) Gestures c) Speaking b) Reading d) Writing	1
	iv.	Which of the following is not a quality of a confident person? a) Focused c) Extravagant b) Positive attitude d) Committed	1
	v.	Which of the following is not a self-management skill? a) Polishing your skills c) Learning new skills b) Managing your desk work d) Assembling a lego kit	1
	vi.	Who initiates the process of communication? a) Feedback c) Sender b) Receiver d) Communication Channel	1
Q2.		Answer any 5 questions out of the given 6 questions of 1 marks each. (1 × 5 = 5)	
	i.	Which is not an AI? a) A fully automatic washing machine c) A humanoid b) A self driving car d) Virtual Machines	1

	ii.	Which of the following stands for NLP?
		    a) Natural Logic Processing
		    b) Neutral Logic Program
		    c) Neutral Language Process
		    d) Natural Language Processing
			1

	iii.	Bar Chart, Pie chart and line chart are some of the techniques of_____
		    a) Data Collection c) Data Exploration
		    b) Data Visualisation d) Data Accessing
			1

	iv.	Which of the following is part of problem scoping?
		    a) System mapping c) Data features
		    b) Web Scrapping d) 4Ws Problem Canvas
			1

	v.	Which of the following refers to "Where" among "4W" canvas?
		    a) Stakeholders c) Nature of the problem
		    b) Context/Situation/Location d) Solution or benefits to the stakeholders
			1

	vi.	Which machines are intelligent enough to develop algorithms for themselves?
		    a) Artificial Intelligence c) Machine Learning
		    b) Deep Learning d) Data Science
			1

Q3.		**Answer any 5 questions out of the given 6 questions of 1 marks each.** **(1 × 5 = 5)**	

	i.	Which of the following is the ability of intelligence?
		    a) To learn c) to think
		    b) To solve problems d) All of these	

	ii.	Which of the following is not a domain of AI?
		    a) Data c) Computer Vision
		    b) NLP d) Information	

	iii.	Which of the following is an AI domain that deals with images or videos?
		    a) Computer Vision c) Data Science
		    b) NLP d) AI access	

	iv.	Which of the following is not a domain of AI?
		    a) Data c) Computer Vision
		    b) Natural Language Processing d) Information	

	v.	_____ is a domain of AI that depicts the capability of a machine to get and analyse visual information and afterwards predict some decisions about it.
		    a) NLP c) Data Sciences
		    b) Augmented Reality d) Computer Vision	

	vi.	The basis of decision making depends upon
		    i. Availability of information
		    ii. Past experience
		    iii. Positive attitude
		    iv. Self-awareness
		    a) i and ii c) ii and iv
		    b) i,ii and iv d) i,ii and iii	

Q4.		**Answer any 5 questions out of the given 6 questions of 1 marks each.** **(1 × 5 = 5)**	
	i.	Autocorrect feature uses _____	
	ii.	Siri solving problems for kids is an example of _____	
	iii.	Snapchat is an example of an NLP domain (True/False)	
	iv.	Google search does not use AI. (True/False)	

	v.	During data acquisition feeding previous data into the machine is called.
		    a) Training Data c) Predicting Data
		    b) Testing Data d) Evaluating Data	

	vi.	Unsupervised learning is further divided into _____ and _____.	

Q5.		**Answer any 5 questions out of the given 6 questions of 1 marks each.**	**(1 × 5 = 5)**
	i.	The 4W Problem canvas helps in identifying the key elements related to the problem. 4Ws canvas is a part of: a) Problem Scoping c) Data Acquision b) Modelling d) Evaluation	
	ii.	Unsupervised learning is divided into the following two categories. Identify the correct one. a) Rule-based and Learning-based c) Classification and Clustering b) Clustering and Dimensionality d) Classification and Regression	
	iii.	Email filters are the application of: a) Computer vision c) Data Science b) NLP d) Neural Network	
	iv.	Self-Driving car is an example of _____. a) Data Science c) CV b) NLP d) Augmented Reality	
	v.	_____ detects and stops leakage of water using AI. a) WINT c) Clean Robotics b) RUBSEE PROJECT d) EQWATER	
	vi.	Autonomous Weapons are also known as_____ a) Killer Robots c) Automatic Robots b) Micro Robot d) All of these	

Section-B – Subjective Type Questions

Answer any 3 questions out of the given 5 questions of 2 mark each. (3 × 2 = 6)

Q6.	Define the term communication.	2
Q7.	What do you understand by verbal communication? Give examples where it is more effective.	2
Q8.	What is Feedback? Give proper examples.	2
Q9.	List five symptoms of stress in our body?	2
Q10	What are the advantages of self-regulation?	2

Answer any 4 questions out of the given 6 questions of 2 marks each.   (4 × 2 = 8)

Q11	Name three different domains of AI.	
Q12	Give a few examples around you which are not AI.	
Q13	Explain any two visualisation techniques with examples.	
Q14	What is NLP?	
Q15	Give an application of CV in AI.	
Q16	Explain the 4Ws canvas.	

Answer any 3 questions out of the given 5 questions of 4 marks each.   (3 × 4 = 12)

Q17	What is reinforcement learning?	4
Q18	What is data exploration? Why is it an important step in AI projects?	4
Q19	Differentiate between Musical Intelligence and Logical-mathematical learning.	4
Q20	Will it be valid to say that not all the devices which are termed as "smart" are AI-enabled? Justify this statement. Explain any two examples from the daily life which are commonly misunderstood as AI.	4
Q21	AI is a bigger picture and machine learning and deep learning are its sub parts. Explain.	4