NAME:_____ Sec:_____ Roll No:__

<div align="right">CODE:A</div>

BURNPUR RIVERSIDE SCHOOL,BURNPUR
PERIODIC TEST -3:[2024-2025]
ENGLISH
Class – X

Time: 1½ Hrs.   Maximum Marks-40

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GENERAL INSTRUCTIONS:

   1. The Question Paper contains questions from GRAMMAR, LITERATURE and WRITING sections.

   2. Attempt questions based on specific instructions for each part.

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1.   **There is an error in each line. Mark the error and write the**   1x3
        correct word from the options given below:

L1. Economics is nothing but a way to solving problems of

L2. allocation of resources. Human want are graded in nature.

L3. This means that a poor person will be more concern about
procurement of food than buying a car.

L1.   (a) To-for (b) a-an (c) is-was (d) way-method

L2.   (a) of-off (b) want-wants (c) are-were (d) in-into

L3.   (a) This-it (b) a-an (c) concern-concerned (d)person-persons

2. **Read the conversation given below and complete the paragraph   1x3 that follows:**

Ravi: Where can we meet tomorrow?

Aman: I may not be able to meet you tomorrow.

Ravi: Are you going to be busy?

Aman: Yes, I will be travelling tomorrow.

Ravi asked Aman (a) _____.   Aman replied (b)_____.
Ravi asked (c)_____. Atul said that he would be travelling the day after.

3   A.   Read the poem extract given below and answer the questions   1x4 that follow:

Which yet survive stamped on these lifeless things.

The hands that mocked them and the heart that fed.

a.   Whose hands mocked them?

   i. The sculptor's hand

   ii. King Ozymandias

   iii. The traveller's

   iv. None of the above

b.   Name the poet of the given extract.

   i.   William Shakespeare

   ii.   Sylvia Plath

   iii.   Samuel Taylor Coleridge

   iv.   P. B Shelley

c.   Explain: "*yet survive, stamped on those lifeless things.*"

d.   What message is conveyed through these lines?

3   B   Read the given extract and extract answer the question that   1x4 follow:

"*My hero!' she squealed. 'Take me away from all this'.*

'Behind me I could hear the dragon roaring."

a.   Who is the speaker?

   i.   Michael

   ii.   Sebastian Shultz

   iii.   Prince Aurora

   iv.   None of the above

b.   Why did the speaker squeal?

   i.   She was scared

   ii.   She saw the dragon

   iii.   She saw her hero

   iv.   She was in the clutches of a wicked dragon

c.   Who is the hero?

d.   What is the meaning of the word 'roar'?

4.   Attempt the following questions in 30-40 words each: 2x3

(a)   What kind of a welcome did the albatross receive? Why?

           (*The Rime Of The Ancient Mariner*)

(b)   Why did D.H Lawrence, the poet, despise himself? How did he feel? Describe his action? (*Snake)*

(c)   Why did the news of the 'miracle recovery' shock Michael? *(Virtually True)*

5.   Attempt <u>ANY TWO</u> of the following questions in 150 words 5x2 each:

(a)   What message is conveyed through the poem **Ozymandias**?

(b)   What happens when we do things without giving a thought? (*The Rime Of The Ancient Mariner*)

(c)   Snakes generate both horror and fascination. Do you agree?

6.   Write a factual description in100 words *A Historical Site In India.*   **4**

7.   You are interested in taking The British Council library **6** membership in Delhi. Write a letter of enquiry to the Head Librarian asking for the details and the required procedure. You are Raman/Reema (120 words)

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Name:_____ **Sec:**_____ **Roll No:**_____

<div align="right">**CODE: B**</div>

BURNPUR RIVERSIDE SCHOOL,BURNPUR
PERIODIC TEST- 3 :[2024-2025]
ENGLISH
Class : X

Time Allowed : 1 ½ Hrs   **Maximum Marks : 40**

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GENERAL INSTRUCTIONS:

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

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1. **The following has not been edited. There is an error in each line.** 1x3 **Write the answers by choosing the correct options from the ones given below each line.**

i. God-like qualities are planted with us at birth.

ii. They grow amid the thorns of our fault.

iii. Many of us look at ourselves and see only the thorn, the defects.

i.   a. are → is
     b. with → in
     c. us → we
     d. at → of

ii. a. grow → grows
     b. the → a
     c. of → off
     d. fault → faults

iii. a. look → looks
     b. at → to
     c. thorn → thorns
     d. and → but

2. **Read the conversation given below and complete the paragraph that** 1x3
    follows.

    Customer: Why is the meal so sour?
    Waiter: Nobody complained for five days about the meal.
    Customer: What! Where is the manager?
    Waiter: He has gone to some other hotel to take dinner.

    One day a customer was taking dinner in a hotel. He asked the waiter why
    (a) ……………….. . The waiter told him (b)…………………… . At this
    the customer was shocked and wanted to know where the Manager was.
    The waiter replied (c) ……………………………..

3. A. **Read the following poem extract carefully and answer the questions** 1x4
    that follow.

    … Round the decay
    Of that colossal wreck, boundless and bare
    The lone and level sands stretch far away.

    i. What is the rhyme scheme of the extract?

        a. aba
        b. abb
        c. aab
        d. abc

    ii The tone of the poem is

        a. mocking
        b. nostalgic
        c. gloomy
        d. gloating

    iii. What does the expression 'Round the decay' mean?

    iv. Which figure of speech is used in the last line of the extract?

3. B. Read the following prose extract carefully and answer the questions **1x4**
that follow.

Six weeks ago, Sebastian Shultz was badly injured in a motorway accident. His condition, on arrival at the General Hospital, was described as critical though stable. Despite doctor's hopes, the boy did not regain consciousness. His parents were informed that their son was in a coma.

i. Sebastian Shultz had gone into coma because

    a. of his head injury
    b. he had received injuries due to his fall
    c. he had been badly injured in a motorway accident
    d. of the amputation of his leg

ii. The narrator knew of Sebastian Shultz's critical condition from

    a. his mother
    b. his friend
    c. his family
    d. the newspaper

iii. Who is Sebastian Shultz?

iv. Why was the narrator concerned about Shultz's condition?

4.   **Answer the following questions in 30-40 words each.**   **2x3**

i. Who is called 'a grey-beard loon'? Why?

    (*The Rime of the Ancient Mariner*)

ii. How does the poet describe the day and the atmosphere when he saw the snake?

    (*Snake*)

iii. What was the aim of the game 'Dragonquest'?

    (*Virtually True*)

5. **Answer the following questions in 150 words each. (<u>Attempt any 2</u>)** 5x2

   i. The poem 'Ozymandias' highlights the vanity of human glory and power. Elaborate.

  ii. The poem 'The Rime of the Ancient Mariner' is based on the concept of sin and redemption/punishment. Justify.

 iii. The poet talks to us indirectly about his inner voice and the need of man to forget age old prejudices and love nature's creations like the snake. Discuss this with reference to D. H. Lawrence's poem 'Snake'.

6. Every Sunday you visit the vegetable market with your father/mother. Give a description of the market in about 100 words.   **4**

7. You are Nilanjana / Nilanjan, a resident of 79, Sector 4, R K Puram, New Delhi. You are interested in joining the course in Communication Skills advertised by the Elite School of Language, South Extension-II, New Delhi. Write a letter of enquiry for the same. [120 words]   **6**

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Name:_____ **Sec:**_____ **Roll No:**_____

CODE: A

BURNPUR RIVERSIDE SCHOOL, BURNPUR
PERIODIC TEST 3 :[2024-2025]
MATHEMATICS
CLASS: X

TIME: 1 ½ Hrs.   **MAXIMUM MARKS: 40**
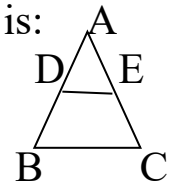
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GENERAL INSTRUCTIONS:

1) This question paper contains 20 questions. All questions are compulsory.
2) This question paper is divided into five Sections – A,B,C,D and E.
3) In Section A, Questions no. 1 to 11 are MCQs and Questions no. 10 to 11 are Assertion- Reason based questions of 1 mark each.
4) In Section B, Questions no. 12 to 14 are Very Short Answer type (VSA) questions, carrying 2 marks each.
5) In Section C, Questions no. 15 to 17 are Short Answer type (SA) questions, carrying 3 marks each.
6) In Section D, Questions no. 18 and 19 are Long Answer type (LA) questions carrying 5 marks each.
7) In Section E, Question no. 20 is Case based question carrying 4 marks with sub-parts of the values of 1,1and 2marks each respectively.
8) There is no overall choice. However, an internal choice in 1 question of 5 marks, 1 question of 3 marks and 1 question of 2 marks is provided.
9) Draw neat figures wherever required. Take $\pi = 22/7$ wherever required if not stated.
10) Use of calculator is not allowed.

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Section-A

1   The mean of 5 numbers is 15. If we include one more number, the mean of six numbers becomes 17. The included number is :   1
     (a)27   (b) 37   (c) 17   (d) 25

2   If mean and mode of a data are 24 and 12 respectively, then median is: 1
     (a)25   (b) 18   (c) 20   (d) 22

3   If $\Delta ABC \sim \Delta PQR$ with <A = 32^0 and <R = 65^0, find the measure of <B.   1
     (a) 32^0 (b) 65^0 (c) 83^0 (d) 97^0

4   In $\triangle ABC$, DE//BC, if AB= 5.6cm, AD= 1.6cm then AE:EC is: A   1
    (a) 2:5   (b) 5:2   (c) 2:7   (d) 7:2   D   E

                                                                B   C

5   The probability that the drawn card from a pack of 52 cards is neither   1
an ace nor a spade is:
(a) $\frac{9}{13}$ (b) $\frac{35}{52}$ (c) $\frac{10}{13}$ (d) $\frac{19}{26}$

6   The probability of guessing the correct answer to a certain test   1
question is (x/6).If the probability of not guessing the correct answer
to this question is $\frac{2}{3}$, then the value of x is:
    (a) 2   (b) 3   (c) 4   (d) 6

7   The area of a semi-circle of diameter 'd' is   1
(a) $\frac{1}{16} \pi d^2$ (b) $\frac{1}{4} \pi d^2$ (c) $\frac{1}{8} \pi d^2$ (d) $\frac{1}{2} \pi d^2$

8   The ratio of total surface area of a solid hemisphere to the square of its   1
radius is :
    (a) 2π:1   (b) 4π:1   (c) 3π:1   (d) 1: 4π

9   The volume of a right circular cone whose area of the base is 156cm^2 1
and the vertical height is 8cm, is
(a) 2496cm^3 (b) 1248cm^3 (c) 1664cm^3 (d) 416cm^3

DIRECTION: In the question number 10 and 11, a statement of
assertion(A) is followed by a statement of Reason(R).
Choose the correct option from the codes (a), (b), (c) and (d) as given
below:
(a) Both Assertion and Reason are correct and Reason is correct
explanation for Assertion.
(b) Both Assertion and Reason are correct and Reason is not correct
explanation for Assertion.
(c) Assertion is true but Reason is false.
(d) Both Assertion and Reason are false.

10   A (Assertion): If two coins are tossed at the same time, there are 3   1
possible outcomes 2 heads, 2 tails or one of each. So, for each
outcome, the probability of occurrence is $\frac{1}{3}$.
R (Reason): Probability of happening an event is equal to
(Total outcomes) ÷ (favourable outcomes).

11   A (Assertion): If circumference of a circle is 2πr, then the   1
circumference of a quadrant is 2r ($\frac{\pi}{4}$ + 1), where r is the radius of the
circle.
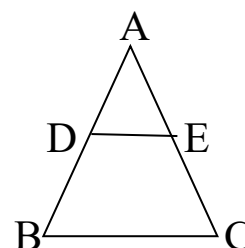R (Reason): Circumference of a circle is half the area of a circle.

Section-B

12   If $\Delta ABC \sim \Delta DEF$ and AB= (2x-1) cm, BC= (2x+2) cm, CA= 3x cm,   2
DE= 18cm, DF= 6x cm and EF= (3x+9) cm. Find x.

OR

In the given figure, <D = <E and $\frac{AD}{DB} = \frac{AE}{EC}$, prove that

ΔBAC is an isosceles triangle.

13   The king, queen and ace of clubs and diamonds are removed from a   2
deck of 52 playing cards and the remaining cards are shuffled. A card
is randomly drawn from the remaining cards. Find the probability of
getting a red coloured card.

14   The volume of a right circular cylinder with its height equal to the   2
radius is $25\frac{1}{7}$ cm^3. Find the height of the cylinder.

Section-C

15   Find the mean of the following frequency distribution: 3

Class Interval	3-5	5-7	7-9	9-11	11-13
Frequency	5	10	10	7	8

16   A sector is cut from a circle of radius 21cm. The central angle of the   3
sector is 150^0. Find the length of the arc of this sector.

17   A room is in the form of cylinder surmounted by a hemi-spherical   3
dome. The base radius of hemisphere is one-half the height of
cylindrical part. Find the total height of the room if it contains
($\frac{1408}{21}$) m^3 of air.

OR

The radius and height of a solid right circular cone are in the ratio
5:12. If its volume is 314cm^3, find its radius and height. [Take π=3.14]

Section-D

18   Median of the following data is 28.5. Find the values of *x* and *y,* if the   5
total frequency is 60.

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

OR

Find the mode and mean of the following data:

Class Interval	5-15	15-25	25-35	35-45	45-55	55-65
Frequency	6	11	21	23	14	5

19   State and prove the Basic Proportionality Theorem.   5

Section-E

20   The word 'circus' has the same root as circle. In a closed circular area,   4
various entertainment acts including human skills are presented before
the crowd. A 'circus' tent is cylindrical to a height of 8m and conical
above it. The diameter of the base is 28m and total height of the tent is
18.5m. Based on the above information, answer the following
questions:
(a)Find the slant height of the conical part.
(b) Find the floor area of the tent.
(c) Find the area of cloth used for making the tent.
                                OR
Find the total volume of air inside the empty tent.

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Name: _____ Sec: _____ Roll No: _____

CODE: __B

BURNPUR RIVERSIDE SCHOOL, BURNPUR
PERIODIC TEST-3: (2024 – 2025)
MATHEMATICS
CLASS: X

TIME: 01 ½ HOURS   **MAX MARKS: 40**

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General Instructions:

i) **Wherever necessary, take $\pi = \frac{22}{7}, \sqrt{2} = 1.41, \sqrt{3} = 1.73$**

ii) This question paper contains 20 questions and all the questions are compulsory.

iii) This question paper is divided into 05 sections – **A, B, C, D** and **E.**

iv) In Section A, Question No. 01 to 11 are MCQs and Question No. 10 and 11 are Assertion-Reason based questions of 01 mark each.

v) In section B, Question No. 12 to 14 are Very Short Answer (VSA) type questions carrying 02 marks each.

vi) In section C, Question No. 15 to 17 are Short Answer (SA) type question carrying 03 marks each.

vii) In Section D, Question No. 18 and 19 is Long Answer (LA) type questions carrying 05 marks each.

viii) In section E, Question No. 20 is Case based Questions (CBQ) carrying 04 marks with sub-parts of the values of 01, 01 and 02 marks each respectively.

ix) There is no overall choice. However, one internal choice is provided in 05 marks, 03 marks and 02 marks questions.

Q1 If $\Sigma f_i = 11, \Sigma f_i x_i = 2p + 52$ and the mean of any distribution is 6, (1)
find the value of p.

    a) 5

    b) 6

    c) 7

    d) 8

Q2 The AM of a set of 50 numbers is 38. If two numbers of the set (1)
namely 55 and 45 are discarded, the AM of the remaining set of
numbers is: _____

    a) 38.50

    b) 37.50

    c) 36.50

    d) 35.50

Q3 If a line is drawn parallel to one side of a triangle to intersect the (1)
other two sides in distinct points, the other two sides are divided in
the same ratio. This theorem is known as:

    a) Pythagoras Theorem

    b) Thales Theorem

    c) Area Theorem

    d) Alternate Segment Theorem

Q4 If D and E are points on the sides AB and AC of a ΔABC, then (1)
$AB = 12\ cm, AD = 8\ cm, AE = 12\ cm\ and\ AC = 18\ cm$. Then

    a) $BD \parallel CE$

    b) $AD \perp AE$

    c) $DE \perp BC$

    d) $DE \parallel BC$

Q5 A bag contains 5 black balls, 4 white balls and 3 red balls. If a ball (1)
is selected at random, the probability that it is a black or red ball is:

    a) $\dfrac{5}{12}$

    b) $\dfrac{2}{5}$

    c) $\dfrac{2}{3}$

    d) $\dfrac{5}{7}$

Q6 What is the probability of getting a black queen from a deck of cards? (1)

    a) $\frac{1}{13}$

    b) $\frac{2}{13}$

    c) $\frac{1}{26}$

    d) $\frac{3}{13}$

Q7 The perimeter in cm of a square circumscribing a circle of radius a cm is: (1)

    a) 8a

    b) 4a

    c) 2a

    d) 16a

Q8 A "Surahi" is a combination of: (1)

    a) a sphere and a cylinder

    b) a hemisphere and a cylinder

    c) two hemispheres

    d) a cylinder and a cone

Q9 If the volume and the surface area of a sphere are numerically equal, then the radius of the sphere is: (1)

    a) 0 unit

    b) 1 unit

    c) 2 units

    d) 3 units

Q10 **Assertion (A):** Three unbiased coins are tossed together, then the probability of getting exactly one head is $\frac{3}{8}$ (1)

Reason (R): Favourable number of outcomes do not lie in the sample space of total number of outcomes.

    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.

    e) Both A and R are false.

Q11 **Assertion (A):** If the radius of the circle is $\frac{9}{\sqrt{\pi}}$ cm, then the area of the circle is $81\ cm^2$. (1)

Reason (R): The area of circle is given by the formula $2\pi r$.
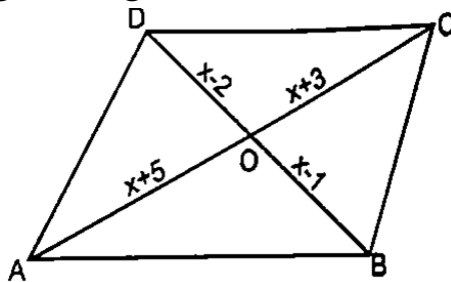 a) Both A and R are true and R is the correct explanation of A.
  b) Both A and R are true but R is not the correct explanation of A.
  c) A is true but R is false.
  d) A is false but R is true.
  e) Both A and R are false.

SECTION - B

Q12 If one diagonal of a trapezium divides the other diagonal in the ratio $1:3$. Prove that one of the parallel sides is three times the other. (2)

OR

In the given figure, if $AB \parallel DC$, find the value of x. (2)

Q13 If a number x is chosen at random from the numbers $\{-3, -2, -1, 0, 1, 2, 3\}$ (2)
What is the probability that $x^2 \leq 4$?

Q14 A right circular cylinder and a cone have equal bases and equal heights. If their curved surface areas are in the ratio $8:5$, show that the ratio between radius of their bases to their height is 3:4. (2)

SECTION - C

Q15 Find the mode of the following distribution. (3)

CI	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80
F_i	5	8	7	12	28	20	10	10

Q16 The perimeter of the sector of circle of radius 14 cm is 68 cm. Find the area of the sector. (3)

Q17 A circus tent is in the shape of a cylinder surmounted by a conical top of the same diameter. If their common diameter is 56 m, the height of the cylindrical part is 6 m and the total height of the tent above the ground is 27 m, find the area of the canvas used in making the tent. (3)

OR

A sector of a circle of radius 12 cm has the angle 120°. It is rolled up so that two bounding radii are joined together to form a cone. Find the volume of the cone. (3)

SECTION - D

Q18 Find the mean, median and mode of the following data: (5)

Classes	Frequency
0-20	6
20-40	8
40-60	10
60-80	12
80-100	6
100-120	5
120-140	3

OR

The following table displays the literacy rates in percentage for 35 cities. Find the mean literacy rates. (5)

Literacy rates	45-55	55-65	65-75	75-85	85-95
No of cities	3	10	11	8	3

Q19 State and prove the Basic Proportionality Theorem. (5)

SECTION - E

Q20 A circus is a company of performers who put on shows of acrobats and clowns, to entertain people 250 years back in an open field, but now it is generally performed in fields. One such circus tent is shown below:

The tent is in the shape of a cylinder surmounted by a conical top. If the height and diameter of cylindrical part are 9m and 30m respectively and the height of the conical part is 8m with the same diameter as that of the cylindrical part, then find:

(i) The area of the canvas used for making the tent.   (1)
(ii) Slant height of the conical part.   (1)
(iii) The cost of the canvas bought for the tent at the rate of Rs 200   (2)
     per square meter, if 30 square meter canvas was wasted during stitching.

OR

The volume of the air in the tent.   (2)

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Name: _____**Sec:** _____ **Roll No:** _____

<div align="right">**CODE:**</div>

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BURNPUR RIVERSIDE SCHOOL, BURNPUR
PERIODIC TEST-3:[2024-2025]
L2-HINDI
CLASS- X

</div>

Time:1.30 Hours   **Maximum Marks:40**

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<div align="center">

सभी प्रश्नों के उत्तर लिखिए-

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प्रश्न1- निम्नलिखित प्रश्नों के उत्तर 25-30 शब्दों में लिखिए -   2×3=6

क- शहनाई की दुनिया में डुमराँव को क्यों याद किया जाता है ?

ख- सुषिर - वाद्यों से क्या अभिप्राय है ? शहनाई को ' सुषिर वाद्यों में शाह ' की उपाधि क्यों दी गई होगी ?

ग- वास्तविक अर्थों में संस्कृत व्यक्ति किसे कहा जा सकता है ?

प्रश्न2- निम्नलिखित प्रश्नों के उत्तर 25-30 शब्दों में लिखिए -   2×3=6

क- परशुराम के क्रोध करने पर लक्ष्मण ने धनुष के टूट जाने के लिए कौन - कौन से तर्क दिए ?

ख- लक्ष्मण ने वीर यौद्धा की क्या - क्या विशेषताएँ बताई ?

ग- संगतकार किन - किन रूपों में मुख्य गायक - गायिकाओं की मदद करते हैं ?

प्रश्न3-संक्षिप्त उत्तर लिखिए -   4×2=8

क- लेखक के अनुसार प्रत्यक्ष अनुभव की अपेक्षा अनुभूति उनके लेखन में कहीं अधिक मदद करती है , क्यों ?

ख-हिरोशिमा की घटना विज्ञान का भयानकतम दुरुपयोग है। आपकी दृष्टि में विज्ञान का दुरुपयोग कहाँ - कहाँ और किस तरह से हो रहा है।

प्रश्न4- निर्देशानुसार उत्तर लिखिए -   1×4=4

क- 'मैं बीमार हो गया था , इसलिए विद्यालय नहीं जा सका।'(वाक्य भेद लिखिए)

ख- 'यहाँ बाढ़ आई और बीमारियाँ बढ़ गई।'(मिश्र वाक्य में बदलिए)

ग- 'जैसे ही वर्षा शुरू हुई मोर नाचने लगे।'(सरल वाक्य में बदलिए)

घ-'जैसे ही परीक्षाएँ समाप्त हुई ,वैसे ही हम घूमने चले गए।'(वाक्य का भेद लिखिए)

प्रश्न5- निर्देशानुसार उत्तर लिखिए -   1×4=4

क- प्रेमचंद द्वारा गोदान लिखा गया। (कर्तृवाच्य में बदलिए)

ख- मोहन से चला नहीं जाता। (वाच्य का भेद बताइए)

 ग- वह कालीन बुनता है। (कर्मवाच्य में बदलिए)

घ-घायल होने के कारण वह उड़ नहीं पाया। (भाववाच्य में बदलिए)

प्रश्न6- रेखांकित शब्दों का सही पद-परिचय दीजिए -   1×4=4

   क-पानवाला नया पान <u>खा रहा था</u> ।

   ख-<u>वे</u> बहुत कोमल और संवेदनशील व्यक्ति थे ।

   ग-<u>दीपिका</u> सातवीं कक्षा में पढ़ती है ।

   घ-रमेश बहुत <u>अच्छा</u> लड़का है ।

प्रश्न7- निर्देशानुसार उत्तर लिखिए -   1×4=4

   क-उपमा अलंकार किसे कहते है ?

   ख-रूपक अलंकार का एक उदाहरण लिखिए ।

   ग-निम्नपंक्तियों में कौन सा अलंकार है -
      बूढ़े पीपल ने आगे बढ़कर जुहार की ।

   घ-तुम्ह तौ कालु हाँक जनु लावा ,
      बार -बार मोहि लागि बोलावा । - इन पंक्तियों में कौन सा अलंकार है ।

प्रश्न8- आप अपना लैपटॉप बेचना चाहते / चाहती हैं उससे संबंधित जानकारी देते हुए लगभग 40 शब्दों में एक आकर्षक विज्ञापन तैयार कीजिए । 4

अथवा

बड़े भाई को नववर्ष की शुभकामनाएँ देते हुए एक बधाई संदेश लिखिए ।

Name:_____ Sec:_____ Roll No: _____

BURNPUR RIVERSIDE SCHOOL, BURNPUR

PERIODIC TEST-3: [2024-25]

SUBJECT: HINDI

TIME-1 ½ Hrs   CLASS: X   F.M – 40

सभी प्रश्नों के उत्तर लिखिए –

प्रश्न 1 – निम्नलिखित प्रश्नों के उत्तर 25-30 शब्दों में लिखिए –   2X3=6

क – शहनाई की दुनिया में डुमरांव को क्यों याद किया जाता है ?

ख –मुहर्रम से बिस्मिल्ला खाँ के जुड़ाव को अपने शब्दों में लिखिए ।

ग –वास्तविक अर्थों में ' संस्कृत व्यक्ति ' किसे कहा जा सकता है ?

प्रश्न 2- निम्नलिखित प्रश्नों के उत्तर 25 -30 शब्दों में लिखिए –   2X3=6

क – लक्ष्मण ने वीर योद्धा की क्या- क्या विशेषताएँ बताईं ?

ख – परशुराम ने अपने विषय में सभा में क्या –क्या कहा ?

ग –संगतकार किन-किन रूपों में मुख्य गायक- गायिकाओं की मदद करते हैं?

प्रश्न 3-संक्षिप्त उत्तर लिखिए –   4X2=8

क –लेखक ने अपने आपको हिरोशिमा के विस्फोट का भोक्ता कब और किस

तरह महसूस किया ?

ख –एक संवेदनशील युवा नागरिक की हैसियत से विज्ञान का दुरुपयोग रोकने में आपकी क्या भूमिका है ?

प्रश्न 4 –निर्देशानुसार उत्तर दीजिए –

1X4=4

क – उपवाक्य के कितने भेद होते हैं ?

ख – उस लड़की को अस्पताल ले जाओ जो बीमार है । – सरल वाक्य में बदलिए ।

ग –कठोर बनो परंतु सहृदय रहो । - रचना के आधार पर वाक्य कौन-सा भेद है ?

घ- सरल वाक्य किसे कहते हैं ?

प्रश्न 5- क – वाच्य की परिभाषा बताइए ।   1 X 4=4

ख –अकर्तृवाच्य से आप क्या समझते हैं ?

ग –वीरेंद्र सहवाग द्वारा क्रिकेट से संन्यास ले लिया गया है । -इसमें कौन –सा वाच्य है ?

घ –कर्तृवाच्य का एक उदाहरण लिखिए ।

प्रश्न 6- रेखांकित शब्दों का सही पद –परिचय दीजिए –   1X4=4

क – लड़कियाँ बातें <u>कर रही हैं</u> ।

ख –आस्था <u>धीरे-धीरे</u> चल रही थी ।

ग – <u>मैं</u> खाना खाकर पढ़ूँगा ।

घ – <u>सूरज</u> नौवीं कक्षा में पढ़ता है ।

प्रश्न 7- क – मानवीकरण अलंकार का एक उदाहरण लिखिए ।   1X4=4

ख –उत्प्रेक्षा अलंकार किसे कहते हैं ?

ग –निम्न काव्य पंक्तियों में कौन –सा अलंकार है –

देखो दो-दो मेघ बरसते मैं प्यासी की प्यासी ।

घ – बाँधा है बिधु को किसने ,इन काली जंजीरों से ।

मणि वाले मणियों का मुख , क्यों भरा हुआ हीरों से । - इन पंक्तियों में अलंकार का नाम लिखिए ।

प्रश्न 8 –पर्यावरण विभाग की ओर से जल- संरक्षण का आग्रह करते हुए एक विज्ञापन तैयार कीजिए ।   4

अथवा

छोटे भाई को ‘ दीपावली ‘ पर्व की शुभकामना देने हेतु एक बधाई संदेश लिखिए ।

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BURNPUR RIVERSIDE SCHOOL, BURNPUR
PERIODIC TEST - 3 [2024 - 2025]
SECOND LANGUAGE (SANSKRIT)
CLASS: X

Time: 1½ Hrs.   Maximum Marks: 40
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"सर्वेषाम् प्रश्नानाम् उत्तराणि लिखत"

1.अधोलिखितम् अनुच्छेदम् पठित्वा प्रश्नानाम् उत्तराणि लिखत - (5)

मम प्रियं पुस्तकं रामायणम् अस्ति। अस्मिन् ग्रन्थे मर्यादापुरुषोत्तमस्य श्रीरामस्य जीवनस्य वृत्तं वर्तते। अस्य लेखक: महर्षि: वाल्मीकि: आसीत्। सः आदिकवि: आसीत्, अतः तस्य रचनां 'आदिकाव्यम्' इति कृत्वा विद्वांस: स्मरन्ति। एतत् काव्यम् अनुष्टुप-छन्दसि निबद्धम्। अत्र श्लोकानां संख्या चतुर्विंशतिसहस्रं वर्तते, तेन रामायणं 'चतुर्विंशति-साहस्री-संहिता' इति नाम्ना अपि विद्वद्भि: स्मर्यते। इदं कविना नारदमुने: प्रेरणया ब्रह्मण: वचनेन च रचितम्। रामायणे 'बालकाण्ड, अयोध्याकाण्ड, अरण्यकाण्ड, किष्किंधाकाण्ड, सुन्दरकाण्ड, युद्धकाण्ड, उत्तरकाण्ड' इति सप्त काण्डानि वर्तन्ते। केचन् विद्वांस: बालकाण्डं उत्तरकाण्डं च अवान्तर-कालिकं प्रक्षेपं मन्यन्ते। तत्र श्रीरामस्य प्रमुखत: महापुरुषरूपेण वर्णनं वर्तते।

I. एकपदेन उत्तरत -   1x2=2

(क) रामायणे कस्य महापुरुषस्य जीवनस्य वृत्तं वर्तते?

(ख) रामायणं केन अन्येन नाम्ना विद्वद्भि: स्मर्यते?

II. पूर्णवाक्येन उत्तरत -   1x1=1

 (क) रामायणस्य सप्त-काण्डानां नामानि लिखत।

III. भाषिक - कार्यम् -   1x2=2

 (क) 'महर्षि:' इति पदस्य अनुच्छेदे विशेष्यं किम्?

 (अ)वाल्मीकि:   (ब)लेखक: (स)कविना   (द)प्रियम्

 (ख) 'रचितम्' इति क्रियापदस्य कर्तृपदम् किम् ?

 (अ)रामायणं   (ब)विद्वान्स: (स)श्रीराम: (द)कविना

2. भवती रमा। मातुः अस्वस्थताविषये लिखिते पत्रे रिक्तस्थानानि पूरयित्वा पत्रम् पुनः लिखत। ½x10 =5

छात्रावासत:

तिथि: --------

आदरणीया: (i) ----------

सादरम् (ii) --------------।

अहम् अत्र कुशलिनी। भवतः पत्रात् (iii) --------- अस्वस्थताविषये ज्ञात्वा (iv) --------- अस्मि। आगामि मासे (v) --------- परीक्षा: भविष्यन्ति इति कारणेन गृहम् आगन्तुम् (vi) --------- अस्मि। समये – समये मात्रे (vii) -------- यच्छतु इति प्रार्थये। परीक्षायाः अनंतरम् (viii) --------- गृहम् आगमिष्यामि। (ix) -------- मम प्रणामा:। भवदीया (x) -------- रमा।

मञ्जूषा –(मातु:, पितृचरणा:, चिन्ताकुला, औषधम्, अशक्त:, अहं, सुता, प्रणामा:, विद्यालये, मातृचरणयो:।)

3. सन्धिं सन्धिच्छेदं वा कुरुत ।   1X4=4

(क) मीन: + अयम् = ------- (ख) हरिश्चलति = ---- + ----

(ग) बालस्तत्र = ---- + ----   (घ) पितु: + इच्छा = -------

4. अधोलिखितेषु रेखाङ्कितपदेषु समासं विग्रहं वा कृत्वा लिखत – 1X4 =4

(क) **प्रत्येकम्** अयनस्य अवधि: षण्मासा:।

(i) प्रति प्रति एकम्   (ii) एकम् एकम् प्रति (iii) प्रति एकवारम्

(ख) बाल: **रथस्य पश्चात्** धावति।

(i) अनुरथम्   (ii) अनुरथ   (iii) रथपश्चात्

(ग) जना: **उपयमुनम्** वसन्ति।

(i) यमुना समीपम्   (ii) यमुनाय समीपम् (iii) यमुनाया: समीपम्

(घ) प्रकृति: **स्नेहेन सहितम्** प्रविशति।

(i) सस्नेहम्   (ii) सहितस्नेहं   (iii) स्नेहसहितम्

5. प्रकृतिप्रत्ययौ संयोज्य विभज्य वा लिखत -   1x3=3

(क) बलवत् + ङीप्= -----------

(ख) कृपण + टाप्= ---------------

(ग) सामाजिक:= ------- + -------

6. मञ्जूषायां प्रदतैः अव्ययैः सहायतया वाक्यानां रिक्तस्थानानि पूरयत।½X4=2

(क) सः ----------- वाराणसीं गतवान्?

(ख) त्वम् ----------- कुत्र गमिष्यसि?

(ग) ग्रामात् -------- एकं सुन्दरं उद्यानम् अस्ति।

(घ) ------- परोपकार: क्रियते तावत् शरीरस्य उपयोग:।

{श्व:, बहि:, किमर्थम्, यावत्}

7. रेखांकित अशुद्धपदं संशोध्य लिखत ।   1X3=3

(क) वयं श्व: प्रदर्शनीं **गच्छाम:** ।   (गच्छामि, गमीष्यामि, गमिष्याम:)

(ख) दशरथस्य **चतस:** पुत्रा: आसन्।   (चत्वारि, चत्वार:, चतुर्षु)

(ग) **स:** बालिका भोजनं खादति।   (तत्, सा, ता:)

8. एकपदेन उत्तरत –   1X4 =4

(क) अरुणाचलस्य पर्यावरणं कीदृशम्? (ख) अरुणाचले कति नद्य: वहन्ति?

(ग) मूढ़मति: कीदृशीं वाचं परित्यजति?(घ) वाचि किं भवेत्?

9. अधोलिखितं प्रश्नानां उत्तराणि पूर्णवाक्येन लिखत। 1X3=3

(क) विवेकी जन: कस्य तत्वार्थनिर्णयं कर्तुं शक्नोति?

(ख) अरुणाचलप्रदेशस्य जनजातीनां प्रमुखानि आजीविकासाधनानि कानि सन्ति?

(ग) लामासम्प्रदायस्य 'लोसर' इति पर्व कदा मान्यते ?

10. स्थूलपदानि आधृत्य प्रश्ननिर्माणम् कुरुत -   1X3=3

(क) संसारे विद्वान्स: **ज्ञानचक्षुभि:** नेत्रवन्त: कथ्यन्ते।

(ख) जनकेन सुताय **शैशवे** विद्याधनं दीयते।

(ग) **अरुणाचलप्रदेशे** पञ्चाशदधिका नद्य: प्रवहन्ति।

11 अधोलिखितवाक्येषु रेखाङ्कितपदानां प्रसङ्गानुकूलं समुचितार्थं चित्वा लिखत।

1X4=4

(क) अस्य अवशेषा: तु आर्यकला -संस्कृति-सम्पद: **परिचायका:**।

(i)सूचका:   (ii)सेवका:   (iii)पर्यटका:

(ख) **साधु** पृष्टम्।

(i)सन्यासि   (ii)शुद्धम्   (iii)सम्यक्

(ग) य इच्छत्यात्मन: **श्रेय:** प्रभूतानि सुखानि च ।

(i)श्रेष्ठ: (ii)कल्याणम्   (iii)सम्पत्तिम्

(घ) स विवेक इति **ईरित:**।

(i)दृष्ट: (ii)कथित: (iii)श्रुत:

BURNPUR RIVERSIDE SCHOOL,BURNPUR
PERIODIC TEST–3 (2024–2025)
SECOND LANGUAGE (SANSKRIT)

Time–1 ½ hour   Class – X   FM– 40

1.अधोलिखितम् गद्यान्शम् पठित्वा प्रश्नान् उत्तरत -
सत्यपालनेनैव जीवनस्य प्रगति: वर्तते । सत्यपालने त्रिविध: श्रेणय:
सन्ति।मनसा वाचा कर्मणा इति त्रिभि: प्रकारैरैव सत्यपालनम् कर्तव्यम् ।
श्रीहरिश्चंद्रेण वाचा सत्यपालनम् कृतम् । श्रीरामेण मनसा सत्यपालनम्
कृतम् । श्रीकृष्णेन कर्मणा सत्यपालनम् कृतम् । एते महापुरुषा:
सत्यपालनस्य प्रतीकभूता: विद्यन्ते । अत एव अधुनापि तेषां नामानि
विश्वप्रसिधानि प्रातः स्मरणीयानि च सन्ति । अस्माकम् भारतसर्वकारस्य
राजचिन्हे "सत्यमेव जयते "इति ध्येयवाक्यम् उट्टृङ्कितम् अस्ति ।
सत्यम् सर्वेषाम् गुणानाम् श्रेष्ठम् मन्यते । सत्यवादिनाम् मनस्येव
भगवान् विराजते ।

(I)एकपदेन उत्तरत -(केवलम् प्रश्नद्वयम्)   ½X2=1
  (क)केन वाचा सत्यपालनम् कृतम्?
  (ख)केन जीवनस्य प्रगति वर्तते ?
  (ग)केषाम् मनसि भगवान् विराजते ?

(II)पूर्णवाक्येन उत्तरत - (केवलम् प्रश्नद्वयम्)   1X2=2
  (क)भारतराजचिन्हे किम् अंगीकृतमस्ति ?
  (ख)केन मनसा सत्यपालनम् कृतम्?
  (ग) अधुनापि महापुरुषाणाम् नामानि कीदृशानि सन्ति ?

(III)अस्य अनुच्छेदस्य कृते समुचितम् शीर्षकम् लिखत । 2x1=2

2.मातुः स्वास्थ्यम् ज्ञातुम् भगिनीं लताम् प्रति पत्रम् लिखत। ½x10=5

(i) -------

शिमलानगरम्

दिनांक: -----

समादरणीये (ii) ------- ।

नमोनम: ।

पत्रेण ज्ञातम् यत् अम्बा(iii) ------ अस्ति। अहम् अतीव(iv) ------ अस्मि परम् परीक्षाकारणात् गृहम्(v) ------- सक्षम: न अस्मि। भवती(vi)------ तस्यै(vii) ------- यच्छतु ,भगवत्कृपया सा शीघ्रम्(viii)------- भविष्यति ।कृपया पत्रोत्तरम्(ix) -------- प्रेषयतु ।

तव भ्राता

(x) -------

मञ्जूषा - { औषधिम्, आगन्तुम्, भगिनी, चिंतित:, यथासमयम्, ज्वरपीडिता,छात्रावासत:, स्वस्था, शीघ्रम्, सोमरत्न:}

3.अधोलिखितवाक्येषु रेखांकितपदेषु संधिम् विच्छेदम् वा कुरुत (केवलम् प्रश्नचतुष्टयम्)-1x4=4

(क)कः **शुचिरिह** ?

(ख) ध्यायतः विषयान् पुंस: **संगस्तेषु** उपजायते ।

(ग)यदि **कः + चित्** गर्ते पतेत् तर्हि - - - ।

(घ)**मनः + रथ:** पूर्ण: भवतु ।

(ङ) **दुर्भाग्यम्** अनतिक्रमणीयम् ।

4.अधोलिखितवाक्येषु रेखांकितपदेषुसमासम् विग्रहम् वा प्रदत्तविकल्पेभ्यः चित्वा लिखत (केवलम् प्रश्नचतुष्टयम्)-   1x4=4

(क)बालः **रथस्य पश्चात्** धावति ।

(A)अनुरथम्   (B)अनुरथः   (C)रथपश्चात्

(ख) जनाः **उपयमुनम्** वसन्ति ।

(A)यमुना समीपम्   (B)यमुनायाः समीपम्(C) यमुनायाम् समीपम्

(ग)अयम् वानरः **इच्छाम् अनतिक्रम्य** फलानि खादति ।

(A)यथेच्छम्   (B)यथेच्छा   (C)यथेचों

(घ) याचकः **प्रतिगृहम्** गच्छति ।

(A)गृहः गृहः प्रति   (B)गृहम् गृहम् प्रति   (C)गृहस्य गृहस्य प्रति

(ङ) **यथाशक्ति** कार्यम् कुरु ।

(A) शक्तिम् अनतिक्रम्य   (B)शक्तिः क्रम्य (C)शकतो क्रम्य

5.प्रकृति –प्रत्ययम् कुरुत -(केवलम् प्रश्नत्रयम्)   1x3 =3

(क) गुणवान् = ---- + ----   (ख)वैदिकः = --- + ----

(ग) सामाजिकः = --- + ---- (घ) देवत्वम् = --- + ----

6.उचितम् अव्ययम् चित्वा रिक्तस्थानानि पूरयत -(केवलम् प्रश्न चतुष्टयम्)   ½x4=2

(क) वने सिंहः -------- गर्जति ।

(ख) मनुष्यः अनिच्छन्नम् --------- पापं करोति ।

(ग) -------- दशरथः नाम् राजा आसीत् ।

(घ) ललनायाः मुखम् चन्द्रः -------- सुन्दरम् अस्ति ।

(ङ) तृप्तस्य भोजनम् --------- भवति ।

                        (पुरा, इव, वृथा, अपि, उच्चैः)

7.अधोलिखितेषु रेखांकितपदम् अशुद्धम् अस्ति। प्रदत्तविकल्पेभ्यः उचितम् उत्तरम् चित्वा लिखत -(केवलम् प्रश्नत्रयम्)   1x3=3

(क) जनाः हयः आपणम् **गमिष्यन्ति** । (गमिष्यन् ,अगच्छन् ,गच्छानि)

(ख) सः **बालिका** क्रीडति । (बाला ,बालौ ,बालकः)

(ग) त्वं कदा नाटकम् **द्रक्ष्यन्ति** । (पश्यन्ति ,पश्यति ,द्रक्ष्यसि)

(घ) त्वं मम **मित्र:** असि । (मित्रम् ,मित्रौ ,मित्रे)

8.एकपदेन उत्तरं लिखत - (केवलम् प्रश्नचतुष्टयम्)   1x4=4

 (क)वाचि किं भवेत् ?

 (ख)पाठे 'वाचि पटुः' इति स्थाने किं पदम् प्रयुक्तम् ?

 (ग)अरुणाचले कति नद्यः वहन्ति ?

 (घ)लामासंप्रदायस्य प्रमुखम् पर्वम् किम् ?

 (ङ)देवानामपि देव: कः कथ्यते ?

9.पूर्णवाक्येन उत्तरत - (केवलम् प्रश्नचतुष्टयम्) 1x4=4

(क)'ओरिया' इति केषां प्रमुखम् पर्व ?

(ख) अरुण: कस्य पर्यायः ?

(ग) लोहितनद्या: उदगमस्थलम् किं मन्यते ?

(घ) विदुषाम् वच: किम् ?

(ङ) आत्मन: हितम् इच्छन् नरः किं कुर्यात् ?

10.रेखांकित पदमाधृत्य प्रश्ननिर्माणम् कुरुत(केवलम् प्रश्न चतुष्टयम्)1x3=3

(क)जनकेन सुताय **शैशवे** विद्याधनम् दीयते ।

(ख)**साधूनाम्** चित्ते वाचि च सरलता भवति ।

(ग)**धैर्यवान्** लोके परिभवम् न प्राप्नोति ।

(घ) **अरुणस्य** प्रदेशः अरुणाचल: ।

(ङ) परशुरामकुण्डम् **लोहितनद्या:**किंचिद् दूरम् अस्ति ।

11.स्थूलाक्षरपदानां प्रसङ्गानुसारं शुद्धम् अर्थ चिनुत(केवलम् प्रश्न त्रयम्)
                                          1X3=3

(क)तस्य व्यवहारे **अवक्रवता** अस्ति ।

 (i)कटुता   (ii)सरलता   (iii)मनोमयम्

(ख)त्यक्त्वा धर्मप्रदाम् वाचाम् **परुषाम्** योभ्यूदीरयेत् ।

 (i)कठोराम्   (ii)कोमलतयावर्णोच्चारणम्   (iii)मधुरताया: अभाव:

(ग)**विमूढधी:** अपक्वम् फलम् भूड्ग्क्ते ।

 (i)मूर्खः   (ii)पटुः   (iii)सर्व वदति इति

(घ)अन्येषाम् **वदने** चक्षुर्नामनी मते ।

(i)शरीरे   (ii) मुखे   (iii)मनसि

Name _____ Sec _____ Roll No. _____

CODE – A

BURNPUR RIVERSIDE SCHOOL, BURNPUR
PERIODIC TEST - 3 [2024-2025]
BENGALI (L2)
CLASS – X

TIME : 1½ Hours   Maximum Marks : 40

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সাধারণ নির্দেশিকা ঃ

★ এই প্রশ্নপত্রে দুটি PART রয়েছে A & B

★ ক্রমানুসারে ও প্রশ্নের পার্শ্ববর্তী নির্দেশ অনুসারে উত্তর লেখো।

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PART – A : (MCQ Type)

১) নিম্নলিখিত অনুচ্ছেদটি পড়ে সঙ্গে দেওয়া প্রশ্নগুলির সঠিক উত্তরটি নির্বাচন করো–   1×4=4

অনেকক্ষণ পর্যন্ত নাবিকেরা নিশ্চেষ্ট হইয়া রহিল। যাত্রীরা ভয়ে কন্ঠাগতপ্রাণ। বেশি বাতাস নাই। সুতরাং তাঁহারা তরঙ্গান্দোলনকম্প বড়ো জানিতে পারিলেন না। তথাপি সকলেই মৃত্যু নিকট নিশ্চিত করিলেন। পুরুষেরা নিঃশব্দে দুর্গানাম জপ করিতে লাগিলেন, স্ত্রীলোকেরা সুর তুলিয়া বিবিধ শব্দবিন্যাসে কাঁদিতে লাগিল। একটি স্ত্রীলোক গঙ্গাসাগরে সন্তান বিসর্জন করিয়া আসিয়াছিল, ছেলে জলে দিয়া আর তুলিতে পারে নাই–সেই কেবল কাঁদিল না।

প্রতীক্ষা করিতে করিতে অনুভবে বেলা প্রায় এক প্রহর হইল। এমত সময়ে অকস্মাৎ নাবিকেরা দরিয়ার পাঁচ পীরের নাম কীর্তিত করিয়া মহা কোলাহল করিয়া উঠিল। যাত্রীরা সকলেই জিজ্ঞাসা করিয়া উঠিল, 'কি হইয়াছে ?'

মাঝিরাও একবাক্যে কোলাহল করিয়া কহিলে লাগিল, ''রোদ উঠেছে। রোদ উঠেছে। ওই দেখ ডাঙা।'' যাত্রী সকলেই ঔৎসুক্য সহকারে নৌকার বাহিরে আসিয়া কোথায় আসিয়াছেন, কী বৃত্তান্ত, দেখিতে লাগিলেন।

দেখিলেন, সূর্য প্রকাশ হইয়াছে। কুজ্ঝটিকার অন্ধকাররাশি হইতে দিঙ্মণ্ডল একেবারে বিমুক্ত হইয়াছে। বেলা প্রায় প্রহরাতীত হইয়াছে। যে স্থানে নৌকা আসিয়াছে, সে প্রকৃত মহাসমুদ্র নহে, নদীর মোহানা মাত্র, কিন্তু তথায় নদীর যেরূপ বিস্তার, সেরূপ বিস্তার আর কোথাও নাই।

নদীর এক কূল নৌকার অতি নিকটবর্তী বটে – এমনকি পঞ্চাশৎ হস্তের মধ্যগত, কিন্তু অপর কূলের চিহ্ন দেখা যায় না। আর যেদিকেই দেখা যায় অনন্ত জলরাশি চঞ্চল রবিরশ্মিমালাপ্রদীপ্ত হইয়া গগনপ্রান্তে গগন সহিত মিশিয়াছে। নিকটস্থ জল, সচরাচর সকর্দম নদীজলবর্ণ, কিন্তু দূরস্থ বারিরাশি নীলপ্রভ আরোহীরা নিশ্চিত সিদ্ধান্ত করিলেন যে, তাঁহারা মহাসমুদ্রে আসিয়া পড়িয়াছেন, তবে সৌভাগ্য এই যে উপকূল নিকটে, আশঙ্কার বিষয় নাই।

(ক) দূরের জলের রং কেমন ছিল ?

    (i) নীল   (ii) লাল

    (iii) সবুজ   (iv) কোনোটিই সঠিক নয়

(খ) নাবিকরা কী কারণে মহা কোলাহল করে উঠেছিল ?

    (i) কারণ রোদ উঠেছিল ও ডাঙা দেখা গিয়েছিল

    (ii) সেই স্থানে বাতাস বেশি ছিল না

    (iii) মৃত্যু নিকট জেনে

    (iv) দূরস্থ বারিরাশি দেখে

(গ) 'সেই কেবল কাঁদিল না।' – কার কথা বলা হয়েছে ?

(i) নৌকার মাঝি

(ii) নৌকার যাত্রীদের

(iii) যে স্ত্রীলোক গঙ্গাসাগরে সন্তান বিসর্জন করে এসেছিল

(iv) কেবলমাত্র (i) এবং (ii) সঠিক

(ঘ) 'প্রতীক্ষা' শব্দটির সন্ধি বিচ্ছেদ হল –

(i) প্রতী + ঈক্ষা

(ii) প্রতি + খা

(iii) প্রত + ঈক্ষা

(iv) প্রতি + ইক্ষা

২) সঠিক উত্তরটি নির্বাচন করো (যে কোনো দুটি) –   1×2=2

(ক) 'মা পাখি তার ছানাটিকে খাইয়ে দিচ্ছে।' – বাক্যটিকে সাধু ভাষায় রূপান্তরিত করলে হবে –

(i) মা পাখি তাহার ছানাটিকে খাওয়াইয়া দিতেছে।

(ii) মা পাখি তাহার ছানাটিকে খাইয়া দিতেছে।

(iii) মা পাখি তাহার ছানাটিকে খাওয়াইয়া দিচ্ছে।

(iv) মা পাখি তাহার ছানাটিকে খাইয়া দিতাছে।

(খ) 'যাহা আশংকা করিয়াছিলাম, ... হইল।' শূন্যস্থানে বসানোর উপযুক্ত সর্বনাম কোনটি ?

(i) ওটিই

(ii) তাহাই

(iii) ওই

(iv) তাই

(গ) ''বাবা বাড়ি আসিয়া দুর্গাকে পাড়া হইতে খুঁজিয়া আনিয়াছেন।'' –
বাক্যটিকে চলিত ভাষায় রূপান্তরিত করলে হবে –

(i) বাবা বাড়ি এসে দুর্গাকে পাড়া থেকে খুঁজে এনেছে।

(ii) বাবা বাড়ি এসে দুর্গাকে পাড়া হতে খুঁজিয়া এনেছে।

(iii) বাবা বাড়ি এসে দুর্গাকে পাড়া হইতে খুঁজে এনেছে।

(iv) বাবা বাড়ি এসে দুর্গাকে পাড়া থেকে খুঁজিয়ে এনেছে।

(৩) সঠিক উত্তরটি নির্বাচন করো (যে কোনো তিনটি) – **1×3=3**

(ক) অমৃত কোথায় লুকিয়েছিল ?

(i) ইসাবের বাবার গোয়ালঘরে।   (ii) পাড়ার নিম গাছের আড়ালে।

(iii) কালিয়াদের বাড়ির পাঁচিলের পিছনে

(iv) বিদ্যালয়ের পিছনে।

(খ) জগদীশবাবুর কত টাকার সম্পত্তি আছে ?

(i) পাঁচ লক্ষ টাকা   (ii) এগারো লক্ষ টাকা

(iii) বিশ লক্ষ টাকা   (iv) তিন লক্ষ টাকা

(গ) কার্য – তক্ষুনি ওরা ঝটপট জামা অদল-বদল করে, গলি থেকে বেরিয়ে
ধীরে সুস্থে নিঃশব্দে যে যার বাড়ির দিকে চলল।

কারণ (ক) ঃ ইসাবের ভয় ছিল তার মা তাকে খুব পেটাবে।

কারণ (খ) – অমৃত প্রকৃতই বন্ধুকে ভালোবাসত।

(i) কারণ (ক) ভুল কিন্তু (খ) ঠিক।

(ii) কারণ (ক) ঠিক কিন্তু (খ) ভুল।

(iii) কারণ (ক) ও (খ) – দুটোই ঠিক।

(iv) কারণ (ক) ও (খ) – দুটোই ভুল।

(ঘ) কার্য – বোধ হয় বিরাগীর পা স্পর্শ করবার জন্যে তাঁর হাতদুটো ছটফট করতে শুরু করেছে।

কারণ (ক) – জগদীশবাবু অত্যন্ত ধর্মভীরু লোক ছিলেন।

কারণ (খ) – বিরাগীর কথাগুলো জগদীশ বাবুর চেতনায় আঘাত করেছিল।

(i) কারণ (ক) ভুল কিন্তু (খ) ঠিক।

(ii) কারণ (ক) ঠিক কিন্তু (খ) ভুল।

(iii) কারণ (ক) ও (খ) – দুটোই ঠিক।

(iv) কারণ (ক) ও (খ) – দুটোই ভুল।

৪। সঠিক উত্তরটি নির্বাচন করো (যে কোনো ২টি) – **1×2=2**

(ক) ''একথা আমি প্রথম হইতেই জানিতাম।'' – কোন্ কথা ?

(i) রাধামুকুন্দের দ্বারা সদরখাজনা লুট করিয়ে সম্পত্তি নিলামের কথা।

(ii) শশিভূষণের সর্বনাশ করার চক্রান্তের কথা।

(iii) রাসমনিকে পিতৃগৃহে পাঠানোর সিদ্ধান্তের কথা।

(iv) রাধামুকুন্দের কঠিন ব্যামোর কথা।

(খ) রাধামুকুন্দ এক থলে টাকা দাদার সামনে ফেলে তাঁর স্ত্রীর গহনা বন্ধক দিতে বাধা দিলেন কারণ ঃ

কারণ (ক) – রাধামুকুন্দ অনেক টাকা গচ্ছিত রেখেছিলেন।

কারণ (খ) – রাধামুকুন্দ আগেই নিজের স্ত্রীর গহনা বন্ধক রেখে যথোপযুক্ত টাকা সংগ্রহ করেছিলেন।

ঠিক–ভুল কোন্ বিষয়ে মন্তব্যটি সঠিক ?

(i) কারণ (ক) সঠিক (খ) ভুল।

(ii) কারণ (ক) ও (খ) দুটোই সঠিক।

(iii) কারণ (ক) ভুল (খ) সঠিক।

(iv) কারণ (ক) ও (খ) দুটোই ভুল।

(গ) ঘরের কাজ ও বিষয়কর্মের সমস্ত ভার রাধামুকুন্দের উপরই ছিল কারণ শশিভূষণ লোকটা নিতান্ত ঢিলাঢালা ধরনের।

(i) মন্তব্যটি সঠিক কারণটি ভুল।

(ii) মন্তব্যটি ভুল কারণটি সঠিক।

(iii) মন্তব্য ও কারণ দুটোই ভুল।

(iv) মন্তব্য ও কারণ দুটোই সঠিক।

PART – B : (DESCRIPTIVE TYPE)

৫। নির্দেশ অনুসারে বাক্য পরিবর্তন করো (যে কোনো পাঁচটি) –   1×5=5

(i) অসুস্থার জন্য গতকাল অনুপস্থিত ছিলাম। (জটিল বাক্যে)

(ii) প্রথম শ্রেণির পাঠকদের বিজ্ঞানের সঙ্গে পূর্ব পরিচয় নেই। (জটিল বাক্য)

(iii) যদিও তিনি বিদ্বান অনুও অহংকারী। (যৌগিক বাক্য)

(iv) বিবরণ শুনিয়া সকলেই কাটকিত হইয়া উঠিল। (যৌগিক বাক্যে)

(v) জল দিন এবং আমার প্রাণ দান করুন। (সরল বাক্যে)

(vi) যখন সংসারে আসিলাম তখন এই পরম সুখে বঞ্চিত রহিলাম। (সরল বাক্যে)।

৬। যে কোনো একটি প্রশ্নের উত্তর দাও ঃ   3×1=3

(i) ''ইসাবের মেজাজ চড়ে গেল।'' – মেজাজ চড়ে যাওয়ায় সে কী করেছিল?

অথবা

(ii) ''এবার মারি তো হাতি, লুঠিতো ভান্ডার'' – বক্তা কখন, কেন এই কথাগুলি বলেছেন ?

৭. যে কোনো একটি প্রশ্নের উত্তর দাও –   5×1=5

(i) ''কী অদ্ভুত উদাত্ত শান্ত ও উজ্জ্বল একটা দৃষ্টি এই আগন্তুকের চোখ থেকে ঝরে পড়ছে।'' – কখন আগন্তুকের চোখ থেকে অদ্ভুত উদাত্ত শান্ত ও উজ্জ্বল দৃষ্টি ঝরে পড়ছিল ? ঘটনাটি নিজের ভাষায় বর্ণনা করো।

অথবা

(ii) ''কী খাঁটি কথা। অমৃতের জবাব আমাকে বদলে দিয়েছে। ও আমাকে শিখিয়েছে, খাঁটি জিনিস কাকে বলে।'' – বক্তা কে ? 'খাঁটি জিনিস' বলতে কী বোঝানো হয়েছে ? বক্তা কীভাবে খাঁটি জিনিসের সন্ধান পেয়েছিলেন ?

৮. যে কোনো একটি প্রশ্নের উত্তর দাও –   5×1=5

(i) 'একাকারে' কবিতাটিতে 'একাকারে' শব্দটির তাৎপর্য কী ? এই কবিতায় কবির কী মানসিকতার প্রকাশ ঘটেছে ?

অথবা

(ii) 'অস্ত্রের বিরুদ্ধে গান' কবিতায় অস্ত্র ও গানের মধ্যে কে জয়ী হয়েছে? কেন সে জয়ী হয়েছে তা কবিতাটি আলোচনা করে দেখাও।

৯. যে কোনো একটি প্রশ্নের উত্তর দাও –   5×1=5

(i) ''আমি তখন হইতে তোমাকে মাপ করিয়াছি।'' – কে কাকে মাপ করেছিলেন ? কোন বিষয়ে কখন তিনি মাপ করেছিলেন ?

অথবা

(ii) ''কিন্তু শশিভূষণের সহিত তাহার সম্পর্ক তো আজিকার নহে।'' – কোন গল্পের উক্তি এটি ? 'তাহার' বলতে কার কথা বোঝানো হয়েছে ? শশিভূষণের সঙ্গে 'তাহার' সম্পর্কটি আলোচনা করো।

১০. যে কোনো একটি প্রশ্নের উত্তর দাও ঃ   6×1=6

(i) প্লাস্টিকের ব্যাপক ব্যবহারে পরিবেশ দূষণ ভয়াবহ আকার নিয়েছে, এই বিষয়ে কোনো দৈনিক সংবাদপত্রের সম্পাদকের কাছে চিঠি লেখো।

অথবা

(ii) অনুচ্ছেদ রচনা করো – 'তোমার দৃষ্টিতে আদর্শ শিক্ষা প্রতিষ্ঠান।'

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NAME.:_____ SEC.:___ ROLL NO.:____

CODE

BURNPUR RIVERSIDE SCHOOL, BURNPUR
PERIODIC TEST-3 [2024-2025]
BENGALI
CLASS : X

Time: 1$^{1/2}$ Hours.   Maximum Marks : 40

সাধারণ নির্দেশিকা :

- এই প্রশ্নপত্রে দুটি **PART** রয়েছে –A, B।

- ক্রম অনুসারে প্রশ্নের পার্শ্ববর্তী নির্দেশ অনুসারে উত্তর লেখো।

- প্রশ্নপত্রটি ৪০ নম্বরের।

PART – A (MCQ TYPE)

1. নীচের অনুচ্ছেদটি পড়ে প্রদত্ত প্রশ্নগুলির সঠিক উত্তর নির্বাচন করে লেখো।   1X4=4

পশুপতি বুকডন শেষ করে মুগুর ভাঁজতে লাগলেন। লোকটা সভয়ে একটু কোণের দিকে গিয়ে দাঁড়াল। তারপর আপন মনেই বলতে লাগল, "লোকে বলে বটে, পশুপতিবাবু লোকটা সুবিধের নয়, মহাকেপ্পন, হাড়বজ্জাত, অহংকারী, দাম্ভিক। আমি বলি, তা সবাই যে সমান হবে এমন কোনো কথা নেই। আর পশুপতিবাবুর খারাপটাই তো শুধু দেখলে হবে না। তাঁর ভালোটাও দেখতে হবে। লোকটা স্বাস্থ্যবান, সাহসী, উদার"।
পশুপতিবাবু রাগবেন কি খুশি হবেন তা বুঝতে পারলেন না। তবে হাতের মুগুরদুটো খুব বাঁই-বাঁই করে ঘুরতে লাগল। ব্যায়ামের সময় কথা বলতে নেই।
লোকটা ঘুরন্ত মুগুরদুটোর দিকে সভয়ে চেয়ে থেকে বলল, "তা মহেন্দ্র তবু বলে বসল, 'ও হে নিতাই, তোমার পুরোনো স্বভাবটা আর বদলাল না। তুমি

কেবল লোকের ভালোটাই দেখে গেলে কিন্তু দুনিয়াটা যে খারাপ লোকে ভরে গেছে, সেটা আর তোমার চোখে পড়ল না। পশুপতির আবার গুণটা কীসের? বাপ-পিতেমোর অত বড়ো বাড়িটা ভূতের বাড়ি করে ফেলে রেখেছে।

পশুপতি মুগুর নামিয়ে রাখলেন। হাঁপরের মতো হাঁফাচ্ছিলেন তিনি। লোকটার দিকে একবার তাকানোর চেষ্টা করলেন। কী বলবেন ভেবে পেলেন না। আরও ভাবতে হবে। অনেক ভেবে তবে কথা বলতে পারেন।

ক) পশুপতিবাবুর পূর্বপুরুষদের আর্থিক অবস্থা কেমন ছিল?
i)মোটামুটি ii)বেশ খারাপ iii)খুব ভালো iv)একটু খারাপ

খ) লোকটা নিজেকে কেমন মানুষ বলে প্রমাণ করতে চায়?
i) উদার মানুষ ii) কুটিল iii) বোকাসোকা iv) বুদ্ধিমান

গ) লোকে বলে বটে, পশুপতিবাবু লোকটা সুবিধের নয়।
কারণ (ক) তিনি অহংকারী ও দাম্ভিক।
কারণ (খ) তিনি মিথ্যাবাদী ও অসৎ।
i)কারণ (ক) ঠিক, কিন্তু (খ) ভুল।
ii)কারণ (ক) ভুল, কিন্তু (খ) ঠিক।
iii)কারণ (ক) এবং (খ) দুটোই ঠিক।
iv)কারণ (ক) এবং (খ) দুটোই ভুল।

ঘ) "পশুপতি মুগুর নামিয়ে রাখলেন"। - কী ধরণের বাক্য?
i)সরল বাক্য ii)জটিল বাক্য iii)যৌগিক বাক্য iv)মিশ্র বাক্য

2. ব্যাকরণ থেকে প্রদত্ত <u>যেকোন দুটি</u> প্রশ্নের সঠিক উত্তর বেছে লেখো।   1X2=2

ক) সমস্ত বাগানটা হয়ে উঠত যেন রূপকথার তেপান্তরের মাঠ –সাধু গদ্যে রূপান্তর করলে বাক্যটির রূপ কী হবে?
i)সমস্ত বাগানটা হইয়া উঠিল যেন রূপকথার তেপান্তরের মাঠ
ii) সমস্ত বাগানটা হয়ে উঠিত যেন রূপকথার তেপান্তরের মাঠ
iii) সমস্ত বাগানটা হইয়া উঠল যেন রূপকথার তেপান্তরের মাঠ
iv) সমস্ত বাগানটা হইয়া উঠিত যেন রূপকথার তেপান্তরের মাঠ

খ) 'নতুবা' – এর চলিত ভাষা কী হবে?

i)নইলে ii)নচেৎ iii)নহিলে iv)কিন্তু

গ) ভেবে চিন্তে কাজ করো। - সাধুভাষায় রূপান্তরিত করলে কী হবে?

i)ভাবিয়া চিন্তিয়া কাজ করিও

ii) ভাবিয়া চিন্তিয়া কাজ কইরো

iii) ভাবিয়া চিন্তিয়ে কাজ করাইও

iv) ভাবিয়া চিন্তিইয়া কাজ করিও

3. পাঠ্য গদ্য থেকে যেকোন তিনটি প্রশ্নের সঠিক উত্তর নির্বাচন করে লেখো।   1X3=3

ক) 'কিন্তু আমার তো মা রয়েছে'। - অমৃতের এই কথাটিকে ইসাবের বাবার কী মনে হয়েছে?

i)খাঁটি কথা ii) সুন্দর কথা iii)কঠিন কথা iv)কথার কথা

খ) মন্তব্যঃ হরিদা জগদীশবাবুর দেওয়া প্রণামীর টাকা গ্রহণ করেননি।

কারণ (ক) তিনি বিরাগী চরিত্রটির বিশ্বাসযোগ্যতা নষ্ট করতে চাননি।

কারণ (খ) তিনি একজন ঠকবাজ হিসেবে রোজগার করতে চাননি।

i)কারণ (ক) ঠিক, কিন্তু (খ) ভুল।

ii)কারণ (ক) ভুল, কিন্তু (খ) ঠিক।

iii)কারণ (ক) এবং (খ) দুটোই ঠিক।

iv)কারণ (ক) এবং (খ) দুটোই ভুল।

গ) বাইজির রূপ ধরে হরিদা মোট কত রোজগার করেছিল?

i)আট টাকা দশ আনা ii)দশ টাকা আট আনা iii)আট টাকা আট আনা iv)দশ টাকা দশ আনা

ঘ) 'ইসাবের মেজাজ চড়ে গেল' – কেন?

i)কালিয়া অমৃতকে ধাক্কা দিয়েছিল

ii)অমৃতের জামা ছিঁড়ে গিয়েছিল

iii)কালিয়া অমৃতকে কুস্তিতে হারিয়ে দিয়েছিল

iv) কালিয়া অমৃতের গায়ে কাদা মাখিয়ে দিয়েছিল

4. সহায়ক পাঠ থেকে প্রদত্ত <u>যেকোন দুটি</u> প্রশ্নের সঠিক উত্তর নির্বাচন করে   1X2=2
লেখো।

ক) মন্তব্যঃ শশিভূষণের জমিদারি নিলামে কেনার পর ক্রেতা তা বিক্রি করতে বাধ্য

হয়েছিলেন।

কারণ (ক) তার জমিদারি চালানোর অভিজ্ঞতা ছিল না।

কারণ (খ) প্রজাদের বিরুদ্ধাচার।

i)কারণ (ক) ঠিক, কিন্তু (খ) ভুল।

ii)কারণ (ক) ভুল, কিন্তু (খ) ঠিক।

iii)কারণ (ক) এবং (খ) দুটোই ঠিক।

iv)কারণ (ক) এবং (খ) দুটোই ভুল।

খ) ‘তোমার কিসের দোষ’ ? – এক্ষেত্রে কোন দোষ সম্বন্ধে সন্দেহ প্রকাশ করা
হয়েছে?

i)শশিভূষণের জমিদারি খাজনার দায়ে নিলাম হয়ে যাওয়া ii)ব্রজসুন্দরীর প্রতি
রাসমণির খারাপ ব্যবহার

iii)সমস্ত সংসার খরচের টাকা রাধামুকুন্দ কর্তৃক ব্রজসুন্দরীকে দান

iv)শশিভূষণের সম্পত্তি যে ব্যবসায়ী কিনেছিল তার প্রতি প্রজাদের ঘৃণা

গ) রাধামুকুন্দ নিজের স্ত্রীর গয়না বন্ধক রেখেছিলেন কেন?

i)খাজনা মেটানোর জন্য

ii)সংসার চালানোর জন্য

iii)জমিদারি ফিরিয়ে আনার জন্য

iv)প্রজাদের খাওয়ানোর জন্য

PART – B (DESCRIPTIVE TYPE)

5. নির্দেশ অনুযায়ী প্রদত্ত বাক্যগুলির গঠনগত রূপান্তর করো।(যে কোন পাঁচটি)   1X5=5

ক) ছেলেটি একথা তখন বলিলেও এখন অস্বীকার করিল। (যৌগিক বাক্য)

খ) ফাঁসির মঞ্চ হল মালঞ্চ। (জটিল বাক্য)

গ) যদি নিজের ভালো চাও, তবে আমার কথা শোনো। (সরল বাক্য)

ঘ) হারুদের পাশের বাড়িটি নাড়ুদের। (জটিল বাক্য)

ঙ) সকাল হতেই বেরিয়ে পড়লাম। (যৌগিক বাক্য)

চ) গলার তুলসীর মালা, সেটিও কালো হয়ে গেছে। (সরল বাক্য)

6. পাঠ্য গদ্য থেকে <u>যেকোন একটি</u> প্রশ্নের উত্তর দাও।   3X1=3

ক) হরিদার অভিনয় ক্ষমতা যে ভণ্ড সন্ন্যাসীর চেয়ে অনেক বেশি এবং নিখুঁত, তা প্রমাণ করো।

খ) "ওরা ভয়ে কাঠ হয়ে গেল"। 'ওরা' কারা? ভয়ে কাঠ হয়ে যাওয়ার কারণ কী?

7. পাঠ্য গদ্য থেকে যেকোন একটি প্রশ্নের উত্তর দাও।   5X1=5

ক) "কী খাঁটি কথা! অমৃতের জবাব আমাকে বদলে দিয়েছে। ও আমাকে শিখিয়েছে 'খাঁটি' জিনিস কাকে বলে"। 'খাঁটি জিনিস' বলতে বক্তা কী বুঝিয়েছেন? এই খাঁটি জিনিসের সন্ধান গল্পের মূল পরিণতি সৃষ্টিতে কীভাবে সাহায্য করেছে বুঝিয়ে দাও।

খ) 'এবার মারি তো হাতি, লুটি তো গঞ্জার' – প্রসঙ্গসহ তাৎপর্য বিশ্লেষণ করো।

8. পাঠ্য পদ্য থেকে <u>যেকোন একটি</u> প্রশ্নের উত্তর দাও।   5X1=5

ক) "মাথায় কত শকুন বা চিল
   আমার শুধু একটা কোকিল
   গান বাঁধবে সহস্র উপায়ে"
   প্রসঙ্গসহ তাৎপর্য বিশ্লেষণ কর।

খ) "কোরানের সুরাহর সঙ্গে উপনিষদের মন্ত্র"।
   কোরানের সুরাহর সঙ্গে উপনিষদের মন্ত্রের কী সম্পর্ক? মন্তব্যটির মধ্যে দিয়ে কবি কী বোঝাতে চেয়েছেন?

9. পাঠ্য সহায়ক পাঠ থেকে <u>যেকোন একটি</u> প্রশ্নের উত্তর দাও।   5X1=5

ক) "এমন সময় একটি গুরুতর ঘটনা ঘটিল"- 'গুরুতর' ঘটনাটি কী? সমস্যার সমাধানের জন্য কে কী করেছিলেন গল্প অনুসারে লেখো।

খ) "বড়োগিন্নির সেটা কিছু অসহ্য বোধ হইত"। বড়োগিন্নির কী অসহ্য বোধ হত? অসহ্য বোধ হত কেন – যে কোন তিনটি কারণ লেখো।

10. নীচের <u>যেকোন একটি</u> প্রশ্নের উত্তর লেখো। (অনধিক ১৫০ টি শব্দে)   6X1=6

ক) বাংলা সাহিত্যের তোমার পছন্দের চরিত্র – এই বিষয়ে অনুচ্ছেদ রচনা করো।

খ) অনলাইন পরিষেবার অজ্ঞাত ফাঁদে পা দিয়ে প্রায়শই বিভ্রান্ত ও সর্বস্বান্ত হচ্ছেন সাধারণ মানুষ – এই বিষয়ে সকলকে সতর্ক করে সংবাদপত্রের সম্পাদকের কাছে একটি পত্র লেখো।

CODE: A

BURNPUR RIVERSIDE SCHOOL, BURNPUR
PERIODIC TEST-3 [2024-2025]
SCIENCE
CLASS : X

Time: 1 ½ Hours   Maximum Marks : 40

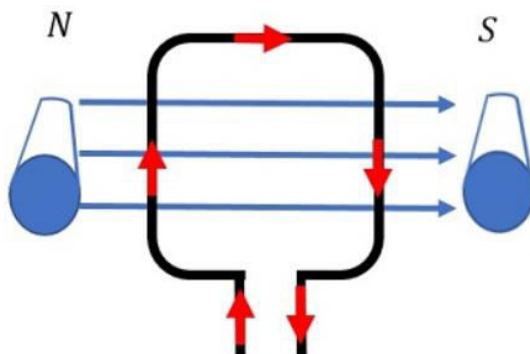===

General instructions:
1. This question paper consists of 21 questions in 5 sections.
2. All questions are compulsory.
3. Section A consists of 12 objective type questions carrying 1 mark each.
4. Section B consists of 03 very short answer type questions carrying 2 marks each.
5. Section C consists of 03 short answer type questions carrying 3 marks each.
6. Section D consists of 02 Source Based or Case Based units of assessment of 4 marks each with sub-parts.
7. Section E consists of 01 long answer type question carrying 5 marks.

===

Section – A

1. Electrical resistivity of a given metallic wire depends upon   1
   (a) its length
   (b) its thickness
   (c) its shape
   (d) nature of the material

2. If length of a conductor and its radius increased twice, how the resistance will change?   1

   (a) Resistance will remain unchanged
   (b) Resistance will increase twice
   (c) Resistance will become half
   (d) Resistance will increase 4 times

3.	In the diagram, we are looking down on the setup. The current is moving clockwise around the coil. Which way does the coil rotate?	1

(a)	The right side goes down and the left side goes up
(b)	The right side goes up and the left side goes down
(c)	The whole coil moves up
(d)	The whole coil moves down

4.	Which of the following is the correct order of elements as per reactivity series?	1
a)	Na, Mg, Al, Cu
b)	Na, Mg, Cu, Al
c)	Mg, Na, Al, Cu
d)	Mg, AL, Na, Cu

5.	The electronic configurations of three elements X, Y, and Z are X—2,8 ; Y—2,8,7 and Z—2,8,2. Which of the following is correct?	1
a) X is a metal
b) Y is a metal
c) Z is a non-metal
d) Y is a non-metal and Z is a metal

6.	Benzene with molecular formula, C_6H_6, has
a) 6 single bonds and 6 double bonds
b) 9 single bonds and 3 double bonds
c) 18 single bonds only
d) 12 double bonds only

7.	In a lake polluted with pesticides, which of the following will contain the maximum amount of pesticides in their body? All the following organisms are exclusively dependent on the lake for food.	1

    a. Small fishes
    b. Microorganisms
    c. Big fishes
    d. Carnivorous birds

8.	Ozone layer depletes mainly due to-	1
    a. Oxides
    b. Carbon dioxide
    c. Acid rain
    d. CFCs

9.	Which of the following is a primary consumer?	1
    a. Grass
    b. Goat
    c. Lion
    d. Snake

Question No. 10 to 12 consists of two statements – Assertion (A) and Reason (R). Answer the questions selecting the appropriate options given below:
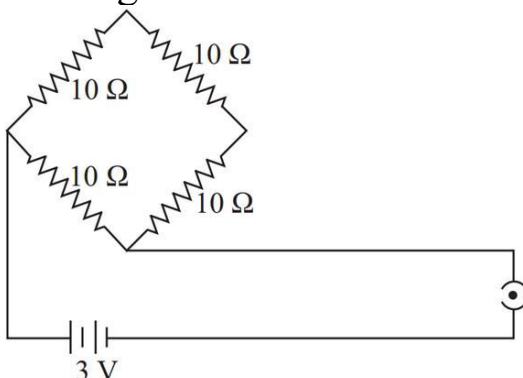 **(a)	Both A and R are true, and R is the correct explanation of A.**
    **(b)	Both A and R are true, and R is not the correct explanation of A.**
    **(c)	A is true but R is false**
    **(d)	A is false but R is true**

10.	**Assertion (A):** On changing the direction of flow of current through a straight conductor, the direction of magnetic field around the conductor is reversed.	1
Reason (R): The direction of magnetic field around a conductor can be given in accordance with left hand thumb rule.

11.	**Assertion:** Corrosion of iron is called rusting.	1
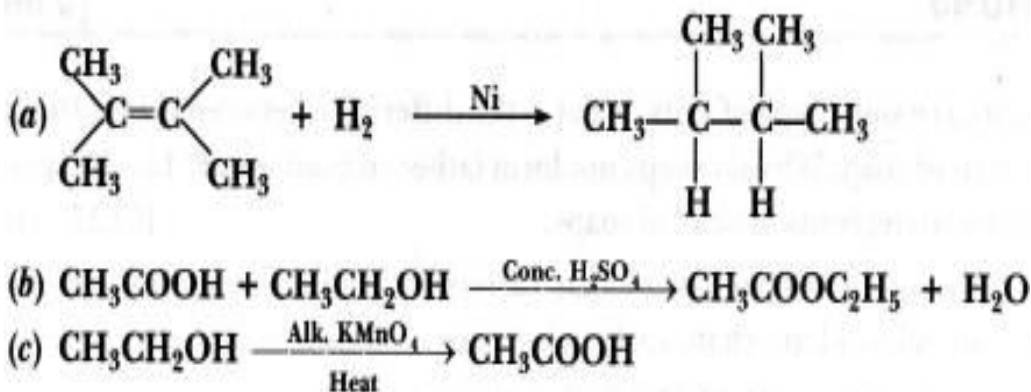**Reason:**	The formula of rust is $FeO.x.H_2O$.

12. Assertion: Characteristics of the parent plant can be preserved   1
through asexual reproduction.
Reason: Vegetative reproduction only involves mitosis.

SECTION B

13. Find the current drawn from the battery by the network of four   2
resistors shown in the figure.

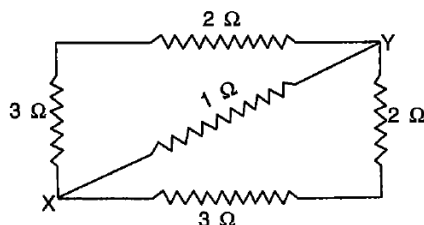14.   2
What is the role of metal or reagents written on arrows in the
given chemical reactions? [Any two]

15. What happens to the following after fertilisation in   2
angiosperms?
   a. Egg cell
   b. Ovule
   c. Ovary
   d. Petals and sepals

SECTION C

16. (a) Calculate the resistance between the points X and Y in the network shown below.   3

    (b) A domestic circuit has 5A fuse. How many bulbs of rating 100W, 220V can be safely used in this circuit? Justify your answer.

17. Give reason for the following:-   3
a) Aluminium easily combines with oxygen but still it can be used for making kitchen utensil.
b) Dried fruit plastic bags sold in the market are filled with nitrogen gas instead of air.
c) An iron strip dipped in a blue copper sulphate solution turns the blue solution pale green.

18.   a. How can you help in reducing the problems of waste disposal?   3
    b. What is meant by 10% law?

SECTION D

Q.no. 19 and 20 are case based or source based units of assessments of 04 marks each with sub-parts (internal choice have been provided in one of the sub-parts).

19. An insulated copper wire wound on a cylindrical cardboard tube such that its length is greater than its diameter is called a solenoid. When an electric current is passed through the solenoid, it produces a magnetic field around it. The magnetic field produced by a current-carrying solenoid is similar to the   4

magnetic field produced by a bar magnet. The field lines inside the solenoid are in the form of parallel straight lines. The strong magnetic field produced inside a current-carrying solenoid can be used to magnetize a piece of a magnetic material like soft iron when placed inside the solenoid. The strength of the magnetic field produced by a current-carrying solenoid is directly proportional to the number of turns and strength of the current in the solenoid.

a) What is meant by magnetic field?
b) Mention two parameters that are necessary to describe magnetic field completely.
c) Why two magnetic field lines never intersect each other?

OR

A compass needle is placed near a current carrying straight conductor. State your observation for the following cases and give reasons for the same in each case.
(i) Magnitude of electric current is increased.
(ii) The compass needle is displaced away from the conductor.

20.   One of the most important raw material in the world is crude oil. It contains mixture of hydrocarbons .The hydrocarbons in crude oil are not only vital fuel, they are used as a starting material for many new products. Alkanes are main component of crude oil. The alkane are the simplest saturated organic compounds. Some organic compounds may have unsaturation and functional groups. These unsaturations and functional groups are the reactive part of the these organic compounds.

a) Write the general molecular formula of alkene and alkyne.
b) Name two functional groups containing carbon atom in it.
c) How many different isomers are possible for a hydrocarbon with the molecular formula C_4H_{10}? Draw their structural formula.

OR

What are the two properties of carbon which lead to the huge
nber of carbon compounds we see around us? Explain.

SECTION E

21.   a. Why condoms are considered an "ideal contraceptive"?   5
         b. What happens if the egg does not get fertilized in human
            females?
         c. How is the developing embryo benefitted from the
            placenta?

****

Name:_____ Sec:_____ Roll No:____

CODE : B

BURNPUR RIVERSIDE SCHOOL, BURNPUR
PERIODIC TEST-3: [2024-2025]
SCIENCE
Class: X

Time: 1 ½ Hrs   **Maximum Marks: 40**

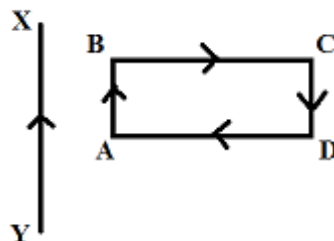==

General Instructions:-
- This question paper consists of 21 questions in 5 sections.
- All questions are compulsory.
- Section -A consists of 12 objective type questions carrying 1 mark each.
- Section -B consists of 3 very short answer questions carrying 2 marks each.
- Section -C consists of 3 short answer type questions carrying 3 marks each.
- Section -D consists of 2 source based or case based type questions carrying 4 marks each.
- Section -E consists of 1 long answer type question carrying 5 marks.

==

SECTION -A

1. In an electrical circuit two resistors 2Ω and 4Ω respectively are connected in series to a 6V battery. The heat dissipated by the 4Ω resistor in 5sec will be :   1
   (a) 5 J
   (b) 10 J
   (c) 20 J
   (d) 30 J

2. If four identical resistances of 8Ω each are first connected in series so as to get an equivalent resistance R_s and then connected in parallel so as to get an equivalent resistance R_p , then find the ratio **R_s/ R_p**   1
   (a) 32
   (b) 2
   (c) 0.5
   (d) 16

3. A rectangular loop ABCD carrying current I is situated near a straight conductor XY, such that the conductor is parallel to side AB of the loop and is in the plane of the loop. If a steady current I is established in the conductor as shown, the conductor XY will

(a) Remain stationary
(b) Move towards the side AB of the loop
(c) Move away from the side AB of the loop
(d) Rotate about the axis

4 Which one of the following metals donot react with cold as well as hot water?

a) Na   b) Ca   c) Mg   d) Fe

5 Cinnabar is an ore of

a) Mercury
b) Copper
c) Zinc
d) Lead

6 Which of the following does not belong to the same homologous series?
a) C_2H_6
b) C_3H_8
c) C_4H_8
d) C_5H_{12}

7   Which of the following is the best way for disposal of vegetable   1
and fruit peels?

a) Landfill   b) Recycling
c)Composting   d) Burning

8   An agricultural crop land is   1

a) A biome   b) A natural ecosystem
c) An artificial ecosystem   d) None of these

9   The driving force of any ecosystem is   1

a) carbohydrates   b) solar energy
c)biomass   d) ATP

For Questions 10 to 12, two statements are given –one labeled
Assertion (A) and other labeled Reason (R). Select the correct
answer to these questions from the options as given below.
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.

10.   **Assertion (A):** Two magnetic field lines around a current carrying   1
straight wire do not intersect each other.
Reason (R): The magnitude of magnetic field produced at a given
point increases as the current through the wire increases.

11   **Assertion(A) :** Zinc displaces copper from a solution of Cu^{2+} ions   1
but silver can not.
Reason(R) : Zinc is more reactive than copper but less reactive
than silver.

12. ASSERTION: Probability of survival of an organism produced through sexual reproduction is more than that of organism produced through asexual mode.   1

REASON: Variations provide advantages to individuals for survival.
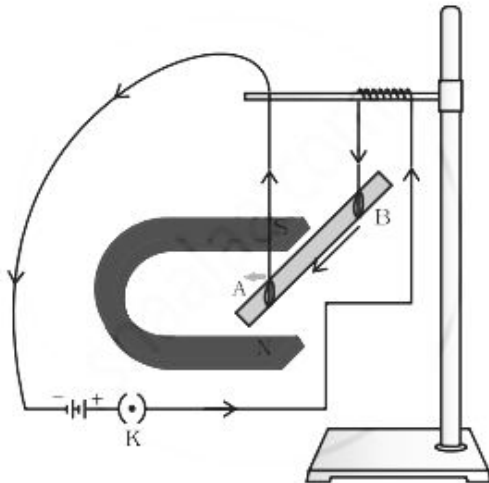
SECTION -B

13. Several electric bulbs designed to be used on a 220V electric supply line are rated as 10 W. How many lamps can be connected in parallel with each other across the two wires of 220V line if the maximum allowable current is 5A?   2

14. A salt X is formed and a gas is evolved when ethanoic acid reacts with sodium hydrogencarbonate. Name the salt X and the gas evolved. Also, write chemical equation of the reaction involved.   2

15. How do *Plasmodium* and *Leishmania* reproduce? Write one difference in their mode of reproduction.   2

SECTION-C

16. (a) State the function of fuse in a circuit. How is it connected in a domestic circuit?   3
    (b) Name the principle on which an electric fuse works.
    (c) An electric fuse of rating 3A is connected in a circuit in which an electric iron of power 1kW is connected which operates at 220V. Explain the observation.

17. Write balanced chemical equations for the following reactions: 3
    a) Calcium metal reacts with water.
    b) Cinnabar is heated in presence of air.
    c) Manganese dioxide is heated with aluminium powder.

18. Why does the food chain consists of only three or four steps/levels?   3

SECTION-D

19. A student was asked to perform an experiment to study the force on a current carrying conductor in a magnetic field. He took a small aluminum rod AB, a strong horse shoe magnet, some connecting wires, a battery and a switch and connected them as shown. He observed that on passing current, the rod gets displaced. On reversing the direction of current, the direction of displacement also gets reversed. On the basis of your understanding of this phenomenon, answer the following questions

4

(a) Why does the rod get displaced on passing current through it?

(b) State the rule that determines the direction of the force on the conductor AB.

(c) (i) If the U shaped magnet is held vertically with N pole on top and the aluminum rod is suspended horizontally with its end B towards due north, then on passing current through the rod from B to A as shown, in which direction will the rod be displaced?
(ii) Name any two devices that use current carrying conductors and magnetic field

OR

(c) Draw the pattern of magnetic field lines produced around a current carrying straight conductor held vertically on a horizontal cardboard. Indicate the direction of current flowing through the conductor.

20   Ethanol is one of the most important industrial chemical.   4
      Therefore it is subjected to a very small excise duty. Is sold in the
      market in different grades of purity for different purposes. Ethanol
      burns with a clear flame giving a lot of heat and therefore, it is
      used as a fuel.

      a) Name the main constituent of alcoholic drinks. Give its
         oxidation product.
      b) What is the next higher member of homologous series of
         ethanol?
      c) What is meant by denatured alcohol? How is it prepared?
                              OR

      c) How does the second member of alcohol family react with
         i)   Sodium metal
         ii)   Ethanoic acid.

                         SECTION-E

21.   5
   a) Draw a well labelled diagram of the female reproductive system.

   b) Describe in brief the structure and function of placenta.

            ****

Name:_____ Sec:_____ Roll No:_____

<div align="right">CODE: A</div>

BURNPUR RIVERSIDE SCHOOL,BURNPUR
PERIODIC TEST-III [2024-25]
SOCIAL SCIENCE
CLASS-X

Time: 1½ hrs   F.M: 40
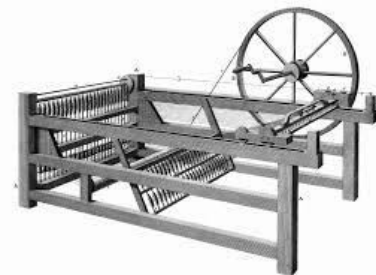
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General instructions:
1. There are 16 questions in the question paper. All questions are compulsory.
2. From question number 1 to 6 are MCQs of 1 mark each.
3. Question number 7 to 10 are very short answer type questions, carrying 2 marks each. Answer to each question should not exceed 40 words.
4. Question no 11 and 12 are case based questions with 3 sub-questions, carrying 3 marks each.
5. Question number 13 to 16 are long answer type questions, carrying 5 marks each. Answer to each question should not exceed 120 words.
6. In addition to this, separate instructions are given with each section and question, whatever necessary.

==

1. Identifying the machine shown in the picture, recall the name of the person who devised it.   1
   A. Spinning Jenny, James Akwright
   B. Spinning Jenny, James Hargreaves
   C. Spindle Jenny, James Watt
   D. Spinning James, Jenny Boulton

2. Arrange in the correct chronological order: 1
   I. Print culture created the conditions for the French Revolution
   II. Martin Luther's writings led to the beginning of the Protestant Reformation
   III. Menocchio reinterpreted the message of the Bible
   IV. Johan Gutenberg invented the printing press
   OPTIONS
   A. III-II-I-IV
   B. I-II-III-IV
   C. IV-III-II-I
   D. IV-II-III-I

3.   Complete the following table and choose the correct option   1

Type of industry	Example
A. Basic industry	I. ?
B. ?	II.Sugar,tooth paste,paper

a	I. Cotton, Jute	B. Mineral based industry
b	I. Tea, Coffee	B. Agro –based industry
c	I. Iron and Steel	B. Consumer industry
d	I. Electrical goods	B. Heavy industry

4.   Identify the correct statements about globalisation.   1
i. Removal of barriers by the Government.
ii. Foreign companies are allowed to set up factories.
iii. Has enabled all companies to increase their investments.
iv. Has licensed foreign investment and foreign trade.
Options:-
a. i and ii
b. ii and iii
c. i and iii
d. ii and iv

5.   In the following question, the Assertion (A) and Reason (R) has been   1
put forward. Read both the statements carefully and choose the correct
answer from below:
Assertion (A) : Dictatorship is a better form of government as
compared to Democracy
Reason(R): Dictatorship have slightly higher rate of economic growth.

A. Both A and R is true and R is the correct explanation of A.
B. Both A and R is true but R is not the correct explanation of A.
C. A is correct but R is wrong.
D. A is wrong but R is correct.

6.   Choose the correct statement.   1
a   Bauxite is the raw material used in Automobile industry.
b   Organic chemicals include sulphuric acid, nitric acid, alkalies etc.
c   Cement industry requires bulky raw materials like limestone ,silica,
gypsum.
d   Most of the jute mills are located in Rajasthan ,Gujarat, Maharashtra.

7.   What is the role of MNCs in the globalization process?   2

8.   "Democracies lead to peaceful and harmonious life among citizens." 2
     Justify the statement.

9.   How are MNCs able to gain greater profits?   2

10. Why do we feel that a democratic government is a better form of 2
     government than any other form? Explain.

11. Read the source given below and answer the questions that follow:
     For centuries, silk and spices from China flowed into Europe through
     the silk route. In 1295, Marco Polo, a great explorer, returned to Italy
     after many years of exploration in China. As you know, China already
     had the technology of woodblock printing. Marco Polo brought this
     knowledge back with him. Now Italians began producing books with
     woodblocks, and soon the technology spread to other parts of Europe.
     However, luxury editions were still handwritten on very expensive
     vellum, meant for aristocratic circles and rich monastic libraries which
     scoffed at printed books as cheap vulgarities.
     As the demand for books increased, booksellers all over Europe began
     exporting books to many different countries. But the production of
     handwritten manuscripts could not satisfy the ever increasing demand
     for books. Copying was an expensive, laborious and time consuming
     business. Manuscripts were fragile, awkward to handle, and could not
     be carried around or read easily. Their circulations therefore remain
     limited. With the
     growing demand for books, woodblock printing gradually became
     more and more popular. There was clearly a great need for even
     quicker and cheaper reproduction of texts. This could only be with the
     invention of a new print technology. The breakthrough occurred at
     Strasbourg, Germany where Johann Gutenberg developed the first
     known printing press.

     (11.1) How did the Italians begin producing books with woodblocks?   1

     (11.2) What is 'vellum'?   1

     (11.3) "There was clearly a great need for even quicker and cheaper 1
     reproduction of texts." Give two reasons.

12   Read the source and answer the following question.

The electronics industry covers a wide range of products from transistor sets to television, telephones, cellular telecom, telephone exchange, radars, computers and many other equipments required by the telecommunication industry. Bengaluru has emerged as the electronic capital of India. Other important centres for electronic goods are Mumbai, Delhi, Hyderabad, Pune, Chennai, Kolkata, Lucknow and Coimbatore. The major industry concentration is at Bengaluru, Noida, Mumbai, Chennai, Hyderabad and Pune. A major impact of this industry has been on employment generation. The continuing growth in the hardware and software is the key to the success of IT industry in India.

12.1   What are the products covered by electronic industries?   1
12.2   Name the electronic capital of India.   1
12.3   Where are the major IT industries located in India?   1

13.   Who were the *gomasthas*? Why did the weavers and *gomasthas* clash?   5

OR

Why was a jobber employed? How did a jobber misuse his position and power? Explain.

14.   How does democracy produce an accountable, responsive and legitimate government?   5

OR

"Democracy is seen to be good in principle, but felt to be not so good in practice." Justify this statement.

15.   Describe the importance of Manufacturing.   5

OR

Explain the factors responsible for Jute industry in Hugly basin?

16.   Which factors have stimulated the globalisation process?   5

OR

How has liberalization of trade and investment policies helped the globalisation process?

****

Name: _____ Sec: _____ Roll No.: _____

BURNPUR RIVERSIDE SCHOOL, BURNPUR
PERIODIC TEST-III: [2024-2025]
SOCIAL SCIENCE
CLASS : X

Time:1 ½ Hrs   Maximum Marks :40
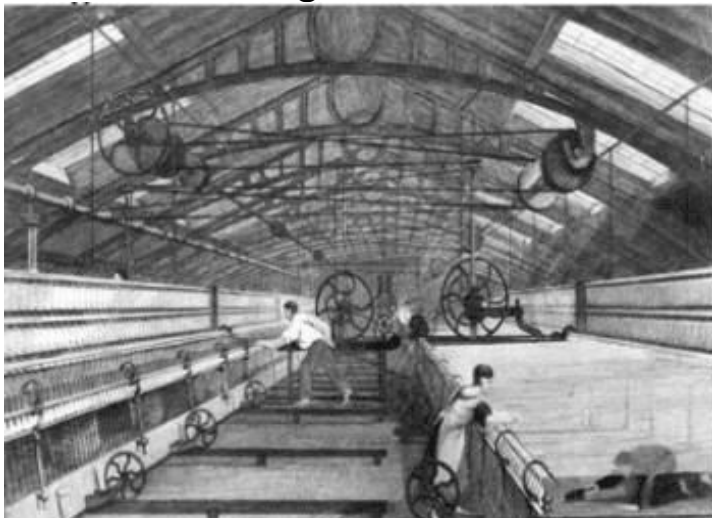
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General instructions:
1. There are 16 questions in the question paper. All questions are compulsory.
2. From question number 1 to 6 are MCQs of 1 mark each.
3. Question number 7 to 10 are very short answer type questions, carrying 2 marks each. Answer to each question should not exceed 40 words.
4. Question no 11 and 12 are case based questions with 3 sub-questions, carrying 3 marks each.
5. Question number 13 to 16 are long answer type questions, carrying 5 marks each. Answer to each question should not exceed 120 words.
6. In addition to this, separate instructions are given with each section and question, whatever necessary.

===

1. What is the main power source used to drive the spindles in the factory   1
   shown in the image below ?

a) diesel
b) Steam power
c) coal
d) electricity

2.   Arrange in chronological order :-   1

I) Print culture created the conditions for the French Revolution.
II) Martin Luther's writing led to the beginning of the Protestant
Reformation.
III) Menocchio   re-interpreted the message of the Bible
IV) Johannes Gutenberg invented Printing Press

a) IV   III   II   I
b) I   IV   III   II
c) I   II   III   IV
d) IV   II   III   I

3.   1

Match the column and choose the correct option.

COLUMN 1	COLUMN 2
A. Leading centre of automobile industry.	i)Mumbai
B. A software technology park.	ii)Gurgaon
C. A software technology park in Kerela.	iii)Bhubaneshwar
D. A leading centre of cotton textile industry.	iv)Tiruvananthapuram

OPTIONS
a. A-(iv)   B-(i)   C-(ii)   D-(iii)
b. A-(iv)   B-(iii)   C-(ii)   D-(i)
c. A-(ii)   B-(iii)   C-(iv)   D-(i)
d. A-(iii)   B-(ii)   C-(iv)   D-(i)

4. Identify the correct statements about globalisation. 1
   i. Removal of barriers by the Government.
   ii. Foreign companies are allowed to set up factories.
   iii. Has enabled all companies to increase their investments.
   iv. Has licensed foreign investment and foreign trade.
   Options:-
   a. i and ii
   b. ii and iii
   c. i and iii
   d. ii and iv

5. In the given question, there are two statements marked as Assertion(A) and 1
   Reason(R).
   Read the statements and choose the correct code.
   Assertion- Dictatorship is a better form of government as compared to
   Democracy.
   Reason- Dictatorship has a slightly higher rate of economic growth.

6. Which of the following statements are correct regarding the sugar 1
   industry:
   i)   India is the largest producer of sugar in the world.
   ii) The raw material used is bulky.
   iii) This industry is seasonal in nature and ideally suited to the
        cooperative sector .
   iv) The mills are located in Uttar Pradesh and West Bengal.

   OPTIONS
    a. Statement (ii) and (iv) are correct.
    b. Both statements (ii) and (iii) are correct.
    c. All four statements are incorrect .
    d. Statement (i),(ii)and (iv) are correct.

7. What is the role of MNCs in the globalization process? 2

8. Explain any two ways in which democracies have been able to reduce 2
   inequalities and poverty .
9. How are MNCs able to gain greater profits? 2

10. Write any two outcomes of democracy .

2

11. Read the extract and answer the following questions.
Women became important as readers as well as writers . Penny magazines were especially meant for women, as were manuals teaching proper behaviour and housekeeping. When novels began to be written in the 19th century, women were seen as important readers.
Some of the best known novelists were women. Jane Austen, the Bronte sisters and George Eliot were a few of them. Their writings became important in defining a new type of women : a person with will, strength of personality , determination and the power to think

i) What types of books did the women read?   1
ii) Name some of the women novelists.   1
iii) How did the women novelists defined the new type of woman?   1

12. Read the following source carefully and answer the following questions:
Although industries contribute significantly to India's economic growth and development, the increase in pollution of land, water, air, noise and resulting degradation of environment that they have caused, cannot be overlooked. Industries are responsible for four types of pollution:
air ,water, land and noise. The polluting industries also include thermal plants.

12.1 Name any two activities or industries that are   1
responsible for water pollution?
  (a)   brick kilns and smelting plants.
  (b)   nuclear power plants and vehicles .
  (c)   paper factories and textile industries.
  (d)   construction activities and generators.

12.2 Name any two major solid wastes produced by industries?   1
      (a)   Dust particles
      (b)   Sprays, mist and smoke.
      (c)   fly ash and iron and steel slags.
      (d)   glass and packaging material.

12.3. Which one of the following is not an effect of noise pollution?   1
    (a)   smoke emission and toxic gas leaks.
    (b)   irritation and anger.
    (c)   hearing impairment.
    (d)   increased heart rate.

13. Why did industrial production in India increase during the First World   5
War ?

<center>OR</center>

Describe the conditions of workers in Europe after the Industrial Revolution .

14 Why do we feel that democracy is a better form of government than any   5
other form ?

<center>OR</center>

'Democratic Government in practice is known as an accountable government'. Support the statement with arguments .

15 Why is there a maximum concentration of iron and steel industries in the   5
Chotonagpur Plateau region? Also enlist four reasons why inspite of being
an important iron and steel producing country, India is not able to perform
to the fullest potential?

<center>OR</center>

Suggest a few measures on how to control Environmental Degradation ?

16. Which factors have stimulated the globalisation process?   5

<center>OR</center>

How has liberalization of trade and investment policies helped the globalisation process?

****

Name _____Sec ___Roll No.___

BURNPUR RIVERSIDE SCHOOL,BURNPUR
PERIODIC TEST-III:[2024-2025]
INFORMATION TECHNOLOGY
CLASS-X

Time: 1 ½ Hrs.   **Maximum Marks:40**

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General Instructions:

- **Please read the instructions carefully.**
- **This Question Paper consists of 13 questions in two sections: Section A and Section B.**
- **Section A is Objective Type Questions and Section B is Subjective Type Questions**
- **All the questions of a particular section must be attempted in the correct order.**

1. **SECTION A-OBJECTIVE TYPE QUESTIONS(20 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.**

2. **SECTION B –SUBJECTIVE TYPE QUESTIONS(20 MARKS):**

   i. **This section has 08 questions.**

   ii. **Do as per the instructions given.**

   iii. **Marks allotted are mentioned against each question/part.**

===

SECTION A: OBJECTIVE TYPE QUESTIONS
Answer the following 4 questions.   1x4=4

1.   i.   Karan is an entrepreneur who delivers education of some sort and makes a business out of it. He is called_____.
   a.Technopreneur   b.Edupreneur
   c.Solopreneur   d.Foodpreneur

   ii.   _____ means raising finance in your startup against a share of equity.
   a.Equity Financing
   b.Debt Financing
   c.Governmental Grant and support
   d.none of these

iii. Sustainable Development Goals are 17 in number and have
___ targets.
a.170   b.159   c.169   d.160

iv. GOAL _____ states "Clean Water and Sanitation".
a.4   b.1   c.9   d.6

Answer the following 4 questions.   1x4=4

2. i. Amit wants to filter some data according to some conditions
and specification. Which feature he will choose in Base.
a.Query   b.Table   c.Form   d.Report

ii. The file extension of a BASE database is _____.
a..odt   b..odb   c..ods   d..odp

iii. Occupational overuse syndrome, also known as _____.
a.repetition strain injury (RSI)
b. repetition strength injury (RSI)
c. return strain injury (RSI)
d. return strength injury (RSI)

iv. Kiran was sitting to work for long time. This may cause
strain in _____.
.a.eyes   b.legs   c.hands   d.mind

Answer the following 4 questions.   1x4=4

3. i. _____ may occur due to muscle tension or pain in the neck.
a.Wrist pain   b.Sore throat
c.Headache   d.Muscle pull in leg

ii. Primary key and the alternate key together are called the ____
keys.
a.Base keys   b.Foreign Keys
c.Composite keys   d.Candidate keys

iii. ____ datatypes store combination of date and time values.
a.DATE   b.TIME
c.BOOLEAN   d.TIMESTAMP

iv. An _____is an unplanned, uncontrolled, or unforeseen
event resulting in injury or harm to people and damages to
goods.
a.Hazard   b.Emergency   c.Accidents   d.none

Answer the following 4 questions.   1x4=4

4. i. _____ refers to process of ensuring that only valid data as per
set norms or rules should be allowed in the table.
a.Data Consolidation   b.Data Security
c.Data Validation   d.Data Redundancy

ii. In fire classification, all liquid, grease, and gas material comes under _____.
a. Class A material   b. Class B material
c. Class C material   d. Class A material

iii. For electrical emergency call in number_____.
a.105   b.108   c.110   d.115

iv. George is working for a nationalized bank . He is creating a customer table where the following fields are present.
AccountNo, PANNo, CName, Address, DOB.
If AccountNo is a Primary key in the table then PANNo is a _____ key.
a.Foreign key   b.Alternate key
c.Unique key   d.Candidate key

Answer the following 4 questions.   1x4=4

5. i. In fire classification, material magnesium, potassium, and sodium comes under _____.
a. Class A material   b. Class B material
c. Class C material   d. Class D material

ii. A ____ is a named collection of data items which represents a complete unit of information.
a.Field   b.Attributes   c.Relation   d.Record

iii. A _____is a protection device used to extinguish fires.
a.Rod   b. Fire extinguisher
c.CPR   d.Food

iv. A _____ is an interface in user specified layout that lets users view, enter change data directly in the table.
a.Query   b.Table   c.Form   d.Report

SECTION B: SUBJECTIVE TYPE QUESTIONS

Answer the following 3 questions.   2X3=6

6. Mention any four myths or misconceptions about Entrepreneurship.

7. Mention any four major roles of an entrepreneur.

8. What is GOAL 10 , GOAL 13 and GOAL 15 of Sustainable Development? How many Goals are there in Sustainable Development adopted in Agenda 2030?

Answer the following 3 questions.   2X3=6

9. What do you mean by Physical Hazards?

10. Give four disadvantages of file processing system.

11. Name any four hazards that may lead to a health hazard.

Answer the following 2 questions.

12. Rohit was giving a training on Office ergonomics in W & C. Ltd company and emphasised on identification of early warning signs which may lead to physical injury over the period of time. List any four such early warning signs .

13. Write SQL commands for the following on the basis of given table STUDENT1 from (i) to (iv):

No.	Name	Stipend	Stream	AvgMark	Grade	Class
1	Karan	400.00	Medical	78.5	B	12B
2	Divakar	450.00	Commerce	89.2	A	11C
3	Divya	300.00	Commerce	68.6	C	12C
4	Arun	350.00	Humanities	73.1	B	12C
5	Sabina	500.00	Nonmedical	90.6	A	11A
6	John	400.00	Medical	75.4	B	12B
7	Robert	250.00	Humanities	64.4	C	11A
8	Rubina	450.00	Nonmedical	88.5	A	12A
9	Vikas	500.00	Nonmedical	92.0	A	12A
10	Mohan	300.00	Commerce	67.5	C	12C

(i)Select all the Medical stream students from STUDENT1.
(ii)Display the name and average marks and grade of the students whose average marks is greater than 70.
(iii)Display the name, stipend and stream of the students in descending order of there grade .
(iv)Insert a new record with the following details.
(15, "Pritha",700.00, "Commerce", 55.5, "B", "12B")

==

Name: _____ Sec: ___ Roll No.: ___

BURNPUR RIVERSIDE SCHOOL, BURNPUR
PERIODIC TEST-3 : [2024-2025]
INFORMATION TECHNOLOGY (402)
CLASS-X

Time: 1 ½ Hrs.   **Maximum Marks:40**

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General Instructions:

- *Please read the instructions carefully.*
- *This Question Paper consists of 13 questions in two sections: Section A and Section B.*
- *Section A is Objective Type Questions and Section B is Subjective Type Questions*
- *All the questions of a particular section must be attempted in the correct order.*

1. *SECTION A - OBJECTIVE TYPE QUESTIONS (20 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.*

2. *SECTION B – SUBJECTIVE TYPE QUESTIONS (20 MARKS):*
    i. *This section has 08 questions.*
    ii. *Do as per the instructions given.*
    iii. *Marks allotted are mentioned against each question/part.*

===

SECTION A:
OBJECTIVE TYPE QUESTIONS

1.   **Answer the following 4 questions.**   1x4=4

    i.   Ravneet is now a successful mushroom farming entrepreneur. She has many clients for mushroom and the demand for exotic mushroom types is ever increasing. How is Ravneet contributing to economy through her work.

        a. It has created wealth for Ravneet and others involved.

        b. It has contributed to the growth of transport business in that area, to dispatch mushrooms to clients.

        c. Per capita income of that area has increased as more people are now employed.

        d. All of these.

    ii.   From the following statements, which one is not correct about the Qualities of an entrepreneur:

        a. Successful entrepreneurs adapt the habit of hard work from a very early stage.

        b. Entrepreneur should not think optimistically about the future of the business.

        c. Confident entrepreneur must not deviate from his/her decisions too early in case success is delayed.

        d. Entrepreneurs like to function at their own will and rules.

    iii.   Which of the following is not an SDG?

        a. Quality education

        b. Gender equality

        c. Population control

        d. Clean water and sanitation

    iv.   According to the concept of sustainable

development, the environment and development are ____ issues.

a. Inseparable   b. Separate

c. Independent   d. None of these

2.   **Answer the following 4 questions.**   1x4=4

    i.   Which of the following is NOT true about forms?

a. It is the front end for data entry

b. It can contain text fields

c. Graphics can be inserted on the form

d. It can accept only fixed number of records

    ii.   Identify the mode, where we can modify in the structure of table?

a. Datasheet view   b. Structure view

c. Design view   d. All of the above

    iii.   The proper security procedures will increase ____.

a. liabilities

b. insurance

c. business revenue

d. operational charges of the company.

    iv.   When do we use a fire extinguisher?

a. In case of flood

b. In case of electric shock

c. In case of fire

d. In case of burn injury

3.   **Answer the following 4 questions.**   1x4=4

    i.   In fire classification, all liquid, grease, and gas material comes under ____.

a. Class A material   b. Class B material

c. Class C material   d. Class D material

    ii.   The file extension of a BASE database is ____.

a. .odt   b. .odb   c. .ods   d. none

    iii.   Duplication of data is called ____.

a. Data Consistency   b. Data Redundancy
c. Both (a & (b))   d. None of these

iv. In fire classification, electrical material and equipment comes under ____.
a. Class A material   b. Class B material
c. Class C material   d. Class D material

4. **Answer the following 4 questions.**   1x4=4

i. SELECT is a ____ command.
a. DDL   b. DML   c. TCL   d. none

ii. Workplace safety is essential in organisation ____.
    a. To avoid accident and injury.
    b. To increase the productivity.
    c. To improve the work environment.
    d. All the above

iii. Which of the following is not mandatory to keep the good health of an employee?
    a. Cleanliness
    b. Food court
    c. Clean and fresh air
    d. Clean washroom

iv. ____ key is used to uniquely identify the record in a table.
a. Absolute   b. Primary   c. Default   d. none

5. **Answer the following 4 questions.**   1x4=4

i. The security is not responsible for ____.
    a. Personal safety
    b. Computer system and equipment safety
    c. Electrical safety
    d. Personal belongings

ii. The ALTER TABLE command is a ____ command.
a. DML   b. TCL   c. DDL   d. none

iii. Which kind of hazards can occur in IT industry?
a. Biological   b. Chemical
c. Physical   d. Ergonomic

iv. A ____ retrieves records from one or more tables and then displays the result in a formatted readable form.
a. Query   b. Form   c. Report   d. none

SECTION B: SUBJECTIVE TYPE QUESTIONS

Answer the following 3 questions.   2x3=6

6. List any two ways in which how entrepreneurs and entrepreneurship contributes to society.

7. Name the two types of Equity Financing.

8. What goals are mentioned in SDG 14 and SDG 15.

Answer the following 3 questions.   2x3=6

9. Mention any four types of commonly occurring accidents in organisations.

10. Categorize the following commands as DDL and DML:
SELECT, ALTER, INSERT, DROP

11. Write any two reasons that causes the water pollution in a workplace?

Answer the following 2 questions.   4x2=08

12. "*It is important to work safely on computer. The static electricity generated below by walking on the carpet can damage your computer component.*"
Write any four cautions you should take while working on the computer.

13. Consider the following 'Student' table and write the queries:

SRollNo	SName	SAddress
:	:	:

(i) Write a query to display all records. (1)
(ii) Write a query to add a new row with the following details
(15, 'Rohit', 'Asansol'). (1)
(iii) Write a query to modify the address of roll number 20 from Burnpur to Durgapur. (2)

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