

**ST. PBN PUBLIC SCHOOL**  
**ANNUAL EXAMINATION (SAMPLE PAPERS)**  
**SUBJECT- ENGLISH**  
**CLASS – VIII**

**Time – 3 hours**

**M.M –80**

**INSTRUCTIONS:**

- All questions are mandatory.
  - Read the questions carefully before attempting.
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**SECTION- A (READING )**

**1. Read the passage given below and answer carefully:**

**(1X5=5)**

Newspapers are a valuable source of information and play a crucial role in shaping a person's knowledge and awareness. They provide updates on national and international events, business trends, scientific discoveries, and sports. By reading newspapers daily, individuals improve their general knowledge, vocabulary, and comprehension skills.

For students and professionals, newspapers offer career-related benefits. Job seekers can find employment opportunities through job advertisements, while students preparing for competitive exams stay updated with current affairs. Editorials help in developing analytical thinking and the ability to form opinions on important matters. Moreover, newspapers provide insights into various industries, helping individuals make informed career choices.

Reading newspapers also enhances communication skills and confidence, which are essential for job interviews and workplace discussions. In today's competitive world, staying well-informed gives an edge in career growth and decision-making. Therefore, making newspaper reading a habit can significantly contribute to one's success.

1. How do newspapers help in improving vocabulary?
2. What role do newspapers play in job searching?
3. How can editorials benefit students?
4. Why is staying informed important for career growth?
5. Assertion-Reason Question

Assertion (A): Reading newspapers regularly helps in career development.

Reason (R): Newspapers provide information on job opportunities, current affairs, and industry trends.

- (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.

**2. Read the poem given below and answer the questions that follow: (1X5=5)**

### **The Lovely Rose**

**Amidst the garden, bright and fair,  
A rose stands tall with beauty rare.  
Its petals soft, a crimson hue,  
Bathed in drops of morning dew.**

**A gentle breeze makes it sway,  
Spreading fragrance far away.  
Its thorns may prick, yet still it glows,  
A symbol of love, as everyone knows.**

**With every bloom, it tells a tale,  
Of joy and sorrow, bright and pale.  
A gift of care, a sign of grace,  
A rose brings smiles in every place.**

1. What color is the rose in the poem?
2. What makes the rose sway in the poem?
3. How does the poem describe the thorns of the rose?
4. What does the rose symbolize?

### 5. Assertion-Reason Question

Assertion (A): The rose is a symbol of love and beauty.

Reason (R): The poem describes the rose as glowing despite its thorns.

- (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.

### SECTION- B (GRAMMAR)

**3 Choose the correct determiner to complete the sentence:** **(0.5x6=3)**

- a) She bought \_\_\_\_\_ apples from the market.
- b) I don't have \_\_\_\_\_ money left in my wallet.
- c) \_\_\_\_\_ students in the class have completed their assignments.
- d) We need to buy \_\_\_\_\_ sugar for the recipe.
- e) He is \_\_\_\_\_ honest man.
- f) I saw \_\_\_\_\_ elephant in the zoo yesterday.

**4. Find errors of tenses and rewrite these sentences correctly .** **(1x3=3)**

- a) She was cooking dinner when her friend rings the doorbell.
- b) By the time we will reach the station, the train had already left.
- c) He don't completed his homework yet, so the teacher is punishing him.

**5. Fill in the correct modals.** **(0.5X4=2)**

- a) You \_\_\_\_\_ complete your homework before going out to play.
- b) She \_\_\_\_\_ left the house without her phone.
- c). He \_\_\_\_\_ sleeping now, as he was very tired earlier.
- d) They \_\_\_\_\_ apologize for their mistake before it's too late.

**6. Identify the type of underlined clause.** **(1x3=3)**

- a) She stayed home because she was feeling sick.
- b) I don't know what he wants for his birthday.
- c) The book that you gave me is interesting.

**7. Find out error in the following sentences .**

**(0.5x6=3)**

- a) She is married with a doctor.
- b) He was accused for cheating in the exam.
- c) If I would have known about the party, I would have attended.
- d) If they was earlier, they would have caught the bus.
- e) She sings extreme well.
- f) He arrived late in the morning, but he was quickly to finish his work.

**8. Change the following sentences into passive voice.**

**(0.5x6=3)**

- a) The scientist discovered a new planet in the distant galaxy.
- b) The team designed a revolutionary software that will change the industry.
- c) The teacher explained the complex theory in a way that was easy to understand.
- d) The committee approved the proposal after a lengthy discussion.
- e) The artist created a masterpiece that was admired worldwide.
- f) The engineer developed a solution to the problem that had baffled experts for years.

**9. Convert the following sentences from direct speech to indirect speech .**

**(0.5x6=3)**

- a) He said, "I will meet you at the park tomorrow."
- b) She asked, "Can you help me with my homework?"
- c) John exclaimed, "This is the best day ever!"
- d) The teacher instructed, "Open your books to page 45."
- e) He replied, "I will finish the project by next week."
- f) Mary said, "I have never seen such a beautiful sunset."

**SECTION-C (WRITING)**

**10. Write a letter to a supplier placing an order for decorative items, specifying the quantity and description of the items, and requesting confirmation of availability, total cost, and delivery details.** (7)

**11 Write a report on the workshop conducted at your school on the topic "Cyber Security in India," highlighting the key points discussed, the importance of cyber security, the speakers' insights, and how the workshop helped raise awareness among students.** (7)

**12. Write a speech to be delivered in the school assembly after taking the oath as Head Boy or Head Girl, expressing gratitude for the opportunity, outlining your responsibilities, and sharing your vision for the school and how you plan to serve your fellow students. (6)**

**SECTION-D LITERATURE**

**16. Read the lines and answer the following questions:-**

**You are all knowing, friends,**

**What sweetness is in Ms Pushpa.**

**I don't mean only external sweetness**

**But internal sweetness**

- a) Name the poem and the poet? (1)
- b) Why was Miss Pushpa leaving (1)
- c) What is the opinion of the speaker about Miss Pushpa? (1)

**17. Answer the following questions in brief .( Do any four) (2X4=8)**

- a) What was the occasion for the party described in the poem?
- b) Why advice did the writer's travel agent give to her?
- c) Do you think the writer enjoyed her visit to Peru?
- d) Why does the writer say Lima is a blend of the old and the new?
- e) What makes the writer ' tingly and excited'?
- f) Describe the meaning of the following phrases in the poem 'I like to stay up'
  - 1. Big people talking
  - 2. I does feel a dread
  - 3. I does cover up
  - 4. I read me a book instead

**18. Answer the following questions in detail:- ( Do any four) (3x4=12)**

- a) What did Dupin say in regard of the intelligence of Parisian Police?
- b) How does Budhiya manage to escape Ramu chacha?
- c) Describe Machhli in your own words.?

d) Why did Nishikanto Ghosh recommend Patol Babu for the movie part ?

e) " one was to take first prize

For shallots at the village show

What were the two wishes of Grandad Lewis?

f) Describe Princess September's parrot?

**18. Case Based Questions:**

**(1.5x2=3)**

**People often keep birds as pets. Those who have birds as pets say that they help the birds by keeping them safe from enemies and giving them food everyday which they might struggle with getting in the wild .However, those against keeping as pets say that pet birds are robbed of their freedom.**

1. Is keeping birds as pets right or not?

2. Describe 'freedom' in your own words.

**19. Write the meaning of the following words:-**

**(0.5X4=2)**

a) sated      c) purloined

b) bounty    d). Astute

**SUBJECT: SCIENCE**

**TIME: 3 Hours**

**MM-80**

**GENERAL INSTRUCTIONS:**

- 1. All questions are compulsory.**
- 2. Read each question carefully.**

**QI Choose the correct option.**

**(1x8=8)**

- 1) What is the part of the Earth which supports biodiversity called?  
a) Biosphere      b) Sanctuary      c) Ecosystem reserve      d) Biotic community
- 2) which solution is used to prepare a permanent slide?  
a) glycerine      b) safranin      c) Euparal      d) methylene blue
- 3 ) Which material is commonly used to coat electrical wires  
(a) Aluminium      (b) Glass      (c) Polyvinyl chloride      (d) Steel
- 4) Which of these are obtained when zinc reacts with dilute sulphuric acid?  
(a) Zinc oxide and water      (b) Zinc sulphate and hydrogen gas  
(c) Zinc sulphate and water      (d) Zinc sulphate
- 5) Which of these units is used to measure torque?  
(a) Newton      (b) Joule      (c) Kilogram      (d) Newton-meter
- 6) Which hormone is primarily responsible for preparing the uterus for pregnancy?  
(a) Estrogen      (b) Progesterone      (c) Luteinising hormone      (d) Testosterone
- 7) What is the primary function of the prostate gland in the male reproductive system?  
(a) To store sperm      (b) To produce testosterone  
(c) To release fluid that is part of semen      (d) To maintain the temperature of the testes

**Q. no 8 and 9 Assertion- Reasoning based questions. These consist of two statements- Assertion (A) and Reason(R). Answer these questions selecting the appropriate option given below:**

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

**8) Assertion(A) :** Biodiversity helps in maintaining the balance of ecosystems.

**Reason(R) :-** Ecosystem balance is maintained by human intervention and regular management of species.

**9) Assertion(A):-** The force of friction depends on the nature of the surfaces in contact.

**Reason(R):-** Rougher surfaces have more interlocking between their microscopic peaks and valleys, which increases friction.

**QII: Give one reasons for the following.****(1x7=7)**

- 1) Tides occur on earth.
- 2) Heavy vehicles are often fitted with wider tyres.
- 3) When used for a long time, slippers with rubber soles become slippery.
- 4) It is harder to walk through water than through air.
- 5) Weight of the object changes at higher altitude.
- 6) Mitochondria as the “power house” of the cell.
- 7) Wood have a low calorific value than coal.

**QIII: Answer the following questions in brief. (any five)****(2x5=10)**

- 1) What is the primary cause of air pollution near the Taj Mahal?
- 2) A pendulum oscillates 50 times in 6 seconds. Calculate its time period and frequency.
- 3) Why is sliding friction less than static friction?
- 4) What is the process of electrolysis of water?
- 5) How is electroplating used to prevent rusting?
- 6) What is the primary purpose of protected areas?

**QIV Answer the following questions in detail. (any seven)****(3x7=21)**

- 1) Define the following terms with one example of each:  
a) endangered species b) endemic species c) extinct species
- 2) Differentiate between metals and non - metals on the basis of malleability, ductility, reaction with acids and reaction with water.
- 3) What happens to the ovum if it does not get fertilised? Explain the process in detail.
- 4) Which will exert more pressure, a 110kg mass on 5m<sup>2</sup> area or 50kg mass on 4mm<sup>2</sup> area?
- 5) Represent graphically by two separate diagrams in each case:  
a) Two sound waves having the same amplitude but different frequencies.  
b) Two sound waves having the same frequency by different amplitudes.  
c) Two sound waves having different amplitudes and different wavelengths.
- 6) How can you test the electrical conductivity of oil and vinegar and what results would you expect?
- 7) Does an air bubble inside water behave like a lens? If so, what type of lens is it? Explain.
- 8) Name one defect of vision which cannot be corrected by any type of spectacle lenses?  
How can it be corrected?

**QV Answer the following questions in detail.****(5x3=15)**

- 1) Draw and explain the complete process of reproduction in humans.
- 2) Compare the atmosphere of all eight planets of our solar system.
- 3) Draw a diagram to show the process of fractional distillation of petroleum and explain each step involved in the separation of different components.

**QVI Value Based Question****(2x1=2)**

- 1) You are organizing a community awareness campaign on the dangers of drug abuse. Explain how you would plan and conduct a workshop to educate young people about the physical, mental, and social consequences of addiction. What values will you emphasize in the session?

**QVII HOTS based question.****(2x1=2)**

- 1) Under what condition in an arrangement of two plane mirrors, incident and reflected rays will always be parallel to each other, whatever the angle of incidence may be. Show with the help of a diagram.

**QVIII Diagram based questions****(3X2=6)**

- 1) Draw a well labelled diagram of human eye
- 2) Draw a well labelled diagram of plant cell.

**QIX Case-based/ data- based question.****(1X4=4)**

One day, Meera bought a packet of fresh bread from the local bakery. She kept it in her kitchen, and after a couple of days, she noticed that the bread had turned moldy and was emitting a foul odor. Curious, Meera decided to investigate and asked her science teacher, Mrs. Sharma, about why the bread had spoiled so quickly. Mrs. Sharma explained that microorganisms such as bacteria, fungi, and yeast are present everywhere in the environment. Some of these microorganisms are responsible for spoiling food, while others are used in food production processes like fermentation. In fact, the mold on the bread was a type of fungus.

Questions:

1. What are microorganisms?
2. What was the microorganism that caused the bread to spoil?
3. How can microorganisms be useful in food production?
  - a) By making food spoil faster
  - b) By aiding in the process of fermentation
  - c) By causing food poisoning
  - d) By destroying the food
4. What is one way to prevent food from spoiling due to microorganisms?

**QX CASE BASED QUESTION****(1×4 = 4)**

In a small town, there was a river that was once a source of clean water for the local community. Over the years, however, people started dumping factory waste, plastic bags, and other types of garbage into the river. As a result, the water became murky and began to smell bad. The polluted water started affecting the lives of people and animals living nearby. The fish population began to decline, and the surrounding wildlife also suffered. Farmers noticed that their crops were being affected because the polluted water was being used to irrigate their fields.

One day, a group of students visited the river with their teacher, Mr. Kumar. He explained that the pollution in the river was a result of both air and water pollution. Mr. Kumar said that human activities, such as improper waste disposal, were causing harm to the environment, and it was important to understand the consequences of pollution.

Questions:

1. Explain what water pollution is and how it affects the environment.
  2. What human activities contributed to the pollution in the river, and how did they affect the local community?
  3. How can pollution in water bodies impact the health of plants, animals, and humans?
  4. What measures can be taken to reduce water pollution and protect water sources?
- Or
5. Why is it important to prevent both air and water pollution for the well-being of the environment and living organisms?

## SUBJECT- SOCIAL SCIENCE

Time: 3 Hrs

MM.80

### GENERAL INSTRUCTIONS:

1. All questions are compulsory.
2. Do as directed.

### Q1. Fill in the blanks

(1x5=5)

- i) \_\_\_\_\_ is known as the father of Indian Press.
- ii) \_\_\_\_\_ was the British military settlements.
- iii) \_\_\_\_\_ is practiced in the Mediterranean regions.
- iv) The number of females per thousand males is called \_\_\_\_\_.
- v) National commission for women prevents violence against \_\_\_\_\_.

### Q2. Multiple Choice Questions-

(1x5=5)

1. Assertion(A): People are marginalised because of the different language they speak from others.

Reason(R): People are also marginalised when they follow different customs and religion than others.

- 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.

ii) The most famous exponent of Hindi literature

- a) Mirza Galib
- b) Munshi Prem Chand
- c) Bahadur Shah Zafar
- d) Rabindranath Tagore

iii) A metal made by combining two or more metallic minerals

- a. Ore
- b. Quarry
- c. Rocks
- d. Alloy

iv) Assertion(A): India gained independence in 1950.  
Reason(R): Subhash Chandra Bose was the founding father of the Indian National Army.

- 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.

v) The court which hears cases of murder and theft.

- a. Apex court
- b. Lok Adalat
- c. Court of the district judge
- d. Court of the sessions judge

**Q3. State whether the following statements are True or False- (1x5=5)**

- i. Aligarh Muslim University was earlier known as Shantiniketan.
- ii. Civil Court hear cases of murder theft.
- iii. One can minimize the effect of drought by conserving water.
- iv. Market gardening involves the cultivation of fruits and nuts.
- v. The practice of sati was banned in 1829.

**Q4. Case based questions (1+1+1+2=5)**

Tamil Nadu: The owner of a shop refused to serve tea to some Dalit customers who were sitting in front of the shop. The customers, who had come to attend a funeral in the evening, were served tea in disposable cups instead of the glass tumblers used for others.

- i) Which harmful social practice does this passage talk about?
- ii) How were the customers discriminated against?
- iii) How do you think this practice can be ended?
- iv) What legal measures can the affected customers take to ensure equal treatment?

**Q5. Observe the given figure and answer the following questions- (1+2+2)**



- i) Identify the personality.
- ii) What did he do to highlight the dominance of the upper caste?
- iii) What was his role in drafting the Constitution of Independent India?

**Q6. Answer the following in one word or few words- (1x10=10)**

- i) Metal with high conductivity.
- ii) Reformer who began a campaign against sati.

- iii) The pioneer of modern dance in India
- iv) The leader who played a prominent role in the integration of princely states.
- v) The draft of a proposed law.
- vi) Name any one human-made disaster.
- vii) The court which hears cases related to the payment of revenue.
- viii) The head of the council of ministers in the country.
- ix) The head of a Police station.
- x) Name any one source of a biological disaster.

**Q7. Answer the following in brief - (2x5=10)**

- i) Why did Havelis decline during the British period?
- ii) Mention any two differences between public sector and private sector.
- iii) What are the climatic conditions required to grow wheat? (write any two)
- iv) What is the executive powers of the President of India? (write any two)
- v) What is Federalism?

**Q8. Answer the following in - (3x5=15)**

- i) What is the executive powers of the President of India? (write any three)
- ii) Explain social, cultural, and economic factors influencing the distribution population of a place?
- iii) What are the causes of human-made disasters?
- iv) What are the main inequalities faced by women in India?
- v) Discuss the influence of European style painting on Indian art.

**Q9. Answer the following in detail- (5x3=15)**

- i) What is the significance of the Government of India Act?

or

Briefly explain the significance of the Khilafat movement.

- ii) What are the main causes of Floods? What precautions should be taken in the time of such disaster?

or

Describe chemical disaster.

- iii) What is the relationship between poverty and unemployment?

Or

How has liberalization policy changed the Indian economy after 1991?

**Q10. i) On the outline map of India mark the following: (2+3)**

- a) Any one center of Ship building
- b) Any one center of fishing

**ii) On the same outline map of India mark the following:**

- a) Meerut
- b) Jhansi
- c) Kanpu

## SUBJECT- MATHEMATICS

Time: 3 HRS

M M: 80

### Section A ( $12 \times 1 = 12$ Marks)

Answer all questions:

1. The square of 15 is:

- (a) 225 (b) 125 (c) 215 (d) 205

2. The cube root of 64 is:

- (a) 2 (b) 3 (c) 4 (d) 8

3. ( $a^2 \times a^3$ ) is equal to:

- (a)  $a^5$  (b)  $a^6$  (c)  $a^9$  (d)  $a^3$

4. The HCF of 12 and 18 is:

- (a) 2 (b) 3 (c) 6 (d) 12

5. The value of  $5^2 - 3^2$  is:

- (a) 16 (b) 25 (c) 8 (d) 4

6. A quadrilateral has how many sides?

- (a) 3 (b) 4 (c) 5 (d) 6

7. The area of a rectangle =

- (a)  $l + b$  (b)  $2(l + b)$  (c)  $l \times b$  (d)  $l^2$

8. The exponent in  $7^3$  is:

- (a) 7 (b) 3 (c) 21 (d) 1

9. The square root of 81 is:

- (a) 8 (b) 7 (c) 9 (d) 6

10. The value of  $2x + 3$  when  $x = 4$  is:

- (a) 11 (b) 10 (c) 8 (d) 9

(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.

11. Assertion (A):  $a^2 \times a^4 = a^6$

Reason (R): When multiplying powers with the same base, we add the exponents.

12. Assertion (A): If the cost price of an article is ₹500 and the selling price is ₹550, then there is a profit of 10%.

Reason (R): Profit % =  $(\text{Profit} \div \text{Cost Price}) \times 100$

### Section B ( $2 \times 5 = 10$ Marks)

13. Find the square of 28.
14. Simplify:  $(3a^2 \times 2a^3)$ .
15. Find the HCF of 24 and 36.
16. Find the area of a trapezium with parallel sides 10 cm and 14 cm, height 6 cm.
17. Solve:  $3x + 5 = 20$ .

### Section C ( $3 \times 10 = 30$ Marks)

18. Factorise:  $x^2 + 7x + 10$ .
19. Find the cube root of 2744.
20. Construct a quadrilateral ABCD where  $AB = 5$  cm,  $BC = 6$  cm,  $CD = 4$  cm and  $AD = 5$  cm.
21. Find the area of a rhombus whose diagonals are 10 cm and 12 cm.
22. Solve:  $5x - 7 = 18$ .
23. Find the compound interest on ₹5,000 at 10% per annum for 2 years.
24. Find the square root of 2025 by prime factorization method.
25. State the properties of rational numbers under addition and multiplication. Give one example for each property.
26. Write the formulas for:
  - a) Area of trapezium
  - b) Area of rhombus
  - c) Volume of cylinder
27. The marked price of a school bag is ₹1200. A shopkeeper gives a discount of 15%. Find:
  - a) The amount of discount
  - b) The selling price of the bag
28. Find the area of a trapezium whose parallel sides are 12 cm and 18 cm, and the height is 10 cm.
29. A rectangular park is 60 m long and 40 m wide. Find the area of the park.  
A path of width 2 m is constructed all around the inside boundary of the park. Find the area of the path.

### SECTION C ( $4 \times 2 = 8$ )

30. A shopkeeper marks a school bag at ₹1,200. During a festival, he gives 10% discount. After that, he charges 5% GST on the discounted price. Answer the following:
  - a) Find the discount amount. (1 mark)
  - b) Find the price after discount. (1 mark)
  - c) Calculate the GST amount. (1 mark)
  - d) Find the final price paid by the customer. (1 mark)
31. A rectangular park has length 40 m and breadth 25 m. A walking path of width 2 m is made inside along the boundary. Answer the following:
  - a) Find the area of the park. (1 mark)
  - b) Find the dimensions of the inner rectangle left after the path. (1 mark)

- c) Find the area of the inner rectangle. (1 mark)
- d) Find the area of the walking path. (1 mark)

**Section D(5× 4= 20 Marks)**

32. A shopkeeper gives 10% discount on an article marked ₹800. Find the discount and selling price.
33. The length and breadth of a rectangle are 15 cm and 10 cm respectively. Find its area and perimeter.
34. If the Cost Price of an article is ₹800 and the Selling Price is ₹880, then the profit percentage is 8%.
35. A cylindrical water tank has radius 7 m and height 10 m.
- a) Find the curved surface area of the cylinder. (1 mark)
  - b) Find the total surface area of the cylinder. (1 mark)
  - c) Find the volume of the tank. (2 marks)

## SUBJECT :हिंदी

समय : 3 घंटे

अधिकतम अंक: 80

सामान्य निर्देश :

1. इस प्रश्न पत्र के तीन खंड हैं। क, ख और ग।
2. सभी प्रश्नों के उत्तर देना अनिवार्य है।
3. प्रश्नों को ध्यान से पढ़कर उत्तर दीजिए।
4. शब्द सीमा को ध्यान में रखते हुए उत्तर दीजिए।

(खंड क)

प्रश्न 1. निम्नलिखित प्रश्नों के उत्तर निर्देशानुसार दीजिए।

(1x20=20)

- i) स्वर एवं व्यंजन किसके भेद हैं?
- ii) वकील शब्द से भाववाचक संज्ञा लिखिए।
- iii) रक्त शब्द के दो पर्यायवाची लिखिए।
- iv) गणेश शब्द के दो पर्यायवाची लिखिए।
- v) निर्गुण शब्द का विपरीतार्थक लिखिए।
- vi) मत शब्द के दो अनेकार्थक लिखिए।
- vii) दीन-दिन श्रुतिसमभिन्नार्थक लिखिए।
- viii) रास्ता दिखाने वाला इस वाक्यांश के लिए एक शब्द लिखिए।
- ix) कम उम्र में ज्यादा जानकारी होना इस वाक्यांश के लिए उचित मुहावरा लिखिए।
- x) विशेषण की कितनी अवस्थाएँ होती होती है?
- xi) दो या दो से अधिक धातुओं से मिलकर बनी क्रियाएँ क्या कहलाती हैं?
- xii) अरुण डाक घर जा रहा था। वाक्य में किस काल का प्रयोग हुआ है?
- xiii) आने वाले समय में क्रिया का होना क्या कहलाता है?
- xiv) वह प्रतिदिन खेलता है। क्रिया विशेषण का उचित भेद लिखिए।
- xv) शब्दों तथा वाक्यों को जोड़ने वाले शब्द क्या कहलाते हैं? अव्यय के आधार पर बताइए।
- xvi) वाच्य के कितने भेद होते हैं?
- xvii) अर्थ के आधार पर वाक्य के कितने भेद होते हैं?
- xviii) जब तुम गए थे, तब तुम्हारे पिताजी आए थे। रचना के आधार पर वाक्य का भेद लिखिए।
- xix) बच्चे ने संतरे को खाया। वाक्य को शुद्ध कीजिए।
- xx) किसी के उपनाम, पुस्तक, कविता के नाम तथा उपाधि को चिह्नित करने के लिए प्रयोग किया जाने वाला विराम चिह्न क्या कहलाता है?

प्रश्न 2. निम्नलिखित पद्यांश को पढ़कर पूछे गए प्रश्नों के उत्तर सही विकल्प चुनकर दीजिए।

(1×5=5)

सिंहासन हिल उठे राजवंशों ने भृकुटी तानी थी,  
बूढ़े भारत में आई फिर से नयी जवानी थी,  
गुमी हुई आज़ादी की कीमत सबने पहचानी थी,  
दूर फिरंगी को करने की सबने मन में ठानी थी।  
चमक उठी सन सत्तावन में, वह तलवार पुरानी थी,  
बुंदेले हरबोलों के मुँह हमने सुनी कहानी थी,  
खूब लड़ी मर्दानी वह तो झाँसी वाली रानी थी।।  
कानपुर के नाना की, मुँहबोली बहन छबीली थी,  
लक्ष्मीबाई नाम, पिता की वह संतान अकेली थी,  
नाना के संग पढ़ती थी वह, नाना के संग खेली थी,  
बरछी, ढाल, कृपाण, कटारी उसकी यही सहेली थी।  
वीर शिवाजी की गाथायें उसको याद ज़बानी थी,  
बुंदेले हरबोलों के मुँह हमने सुनी कहानी थी,  
खूब लड़ी मर्दानी वह तो झाँसी वाली रानी थी।।

1. कथन और कारण को पढ़कर उचित विकल्प चुनकर उत्तर दीजिए।

कथन R बरछी, ढाल, कृपाण, कटारी उसकी यही सहेली थी।

कारण A क्योंकि झाँसी की रानी की कोई सहेली नहीं थी

- i) कथन R और कारण A दोनों सही हैं
- ii) कथन R और कारण A दोनों गलत हैं
- iii) कथन R कारण A की सही व्याख्या करता है
- iv) कथन R सही है किन्तु कारण A गलत है

2. लक्ष्मीबाई को किसकी गाथाएँ जुबानी याद थीं?

- i) शिवजी की
- ii) शिवाजी की
- iii) शिशुपाल की
- iv) पार्वती की

3. कवयित्री ने झाँसी की रानी की कथा किसके मुँह से सुनी थी?

- i) बुंदेलों के
- ii) अपने अध्यापक के
- iii) कवियों के
- iv) लक्ष्मीबाई के प्रिय खेल क्या थे?

4. लक्ष्मीबाई के प्रिय खेल क्या थे?

- i) नकली युद्ध करना
- ii) व्यूह की रचना करना, शिकार करना
- iii) सैन्य घेरना, दुर्ग तोड़ना
- iv) उपर्युक्त सभी

5. रानी लक्ष्मीबाई किसकी मुँहबोली बहन थी?

- i) अजीमुल्ला खाँ
- ii) अहमदशाह
- iii) कुंवर सिंह

iv) नाना धुंधूपंत पेशवा

प्रश्न 3. निम्नलिखित गद्यांश को पढ़कर पूछे गए प्रश्नों के उत्तर सही विकल्प चुनकर दीजिए।

(1×5=5)

राहे पर खड़ा है, सदा से ठूँठ नहीं है। दिन थे जब वह हरा भरा था और उस जनसंकुल चौराहे पर अपनी छतनार डालियों से बटोहियों की थकान अनजाने दूर करता था। पर मैंने उसे सदा ठूँठ ही देखा है। पत्रहीन, शाखाहीन, निरवलंब, जैसे पृथ्वी रूपी आकाश से सहसा निकलकर अधर में ही टंग गया हो। रात में वह काले भूत-सा लगता है, दिन में उसकी छाया इतनी गहरी नहीं हो पाती जितना काला उसका जिस्म है और अगर चितेरे को छायाचित्र बनाना हो तो शायद उसका-सा 'अभिप्राय और न मिलेगा। प्रचंड धूप में भी उसका सूखा शरीर उतनी ही गहरी छाया ज़मीन पर डालता जैसे रात की उजियारी चाँदनी में। जब से होश संभाला है, जब से आँख खोली है, देखने का अभ्यास किया है, तब से बराबर मुझे उसका निस्पंद, नीरस, अर्थहीन शरीर ही दिख पड़ा है। पर पिछली पीढ़ी के जानकार कहते हैं कि एक जमाना था जब पीपल और बरगद भी उसके सामने शरमाते थे और उसके पत्तों से, उसकी टहनियों और डालों से टकराती हवा की सरसराहट दूर तक सुनाई पड़ती थी। पर आज वह नीरव है, उस चौराहे का जवाब जिस पर उत्तर-दक्षिण, पूरब-पश्चिम चारों ओर की राहें मिलती हैं और जिनके सहारे जीवन अविरल बहता है। जिसने कभी जल को जीवन की संज्ञा दी, उसने निश्चय जाना होगा कि प्राणवान जीवन भी जल की ही भाँति विकल, अविरल बहता है। सो प्राणवान जीवन, मानव संस्कृति का उल्लास उपहार लिए उन चारों राहों की संधि पर मिलता था जिसके एक कोण में उस प्रवाह से मिल एकांत शुष्क आज वह ठूँठ खड़ा है। उसके अभाग्यों परंपरा में संभवतः एक ही सुखद अपवाद है – उसके अंदर का स्नेहरस सूख जाने से संख्या का लोप हो जाना। संज्ञा लुप्त हो जाने से कष्ट की अनुभूति कम हो जाती है।

1. जनसंकुल का क्या आशय है?

i) जनसंपर्क

iii) जनसमूह

ii) भीड़भरा

iv) जनजीवन

2. आम की छतनार डालियों के कारण क्या होता था?

i) यात्रियों को ठंडक मिलती थी

ii) यात्रियों को विश्राम मिलता था

iii) यात्रियों की थकान मिटती थी

iv) यात्रियों को हवा मिलती थी

3. शाखाहीन, रसहीन, शुष्क वृक्ष को क्या कहा जाता है?

i) नीरस वृक्ष

iii) ठूँठ वृक्ष

ii) जड़ वृक्ष

iv) हीन वृक्ष

4. आम के वृक्ष के सामने पीपल और बरगद के शरमाने का क्या कारण था?

i) उसका अधिक हरा-भरा और सघन होना

ii) हवा की आवाज सुनाई देना

iii) अधिक फल फूल लगना

iv) अधिक ऊँचा होना

5. आम केअभागेपन में संभवतः एक ही सुखद अपवाद था –

- |                          |                          |
|--------------------------|--------------------------|
| i) उसका नीरस हो जाना     | iii) सूख कर टूँठ हो जाना |
| ii) संज्ञा लुप्त हो जाना | iv) अनुभूति कम हो जाना   |

(खंड ख)

प्रश्न 4. निम्नलिखित पद्यांश को पढ़कर पूछे गए प्रश्नों के उत्तर सही विकल्प चुनकर दीजिए। (1x5=5)

नदी को रास्ता किसने दिखाया?  
सिखाया था उसे किसने  
कि अपनी भावना के वेग को  
उन्मुक्त बहने दे?  
कि वह अपने लिए  
खुद खोज लेगी  
सिन्धु की गम्भीरता  
स्वच्छन्द बहकर?  
इसे हम पूछते आए युगों से,  
और सुनते भी युगों से आ रहे उत्तर नदी का।  
मुझे कोई कभी आया नहीं था राह दिखलाने,  
बनाया मार्ग मैंने आप ही अपना।  
ढकेला था शिलाओं को,  
गिरी निर्भिकता से मैं कई ऊँचे प्रपातों से,  
वनों में, कंदराओं में,  
भटकती, भूलती मैं  
फूलती उत्साह से प्रत्येक बाधा-विघ्न को  
ठीकर लगाकर, ठेलकर,  
बढ़ती गई आगे निरन्तर  
एक तट को दूसरे से दूरतर करती।

(क) नदी किसका प्रतीक है ?

- |                 |                     |
|-----------------|---------------------|
| i. पुरुषार्थ का | iii. मृत्यु का      |
| ii. प्रेम का    | iv. किसी का भी नहीं |

(ख) कविता के कवि कौन हैं ?

- |                    |                    |
|--------------------|--------------------|
| i. बाल कृष्ण       | iii. बालकृष्ण राव  |
| ii. बालकृष्ण शर्मा | iv. बालकृष्ण वर्मा |

(ग) नदी को रास्ता किसने दिखाया ?

- |               |                     |
|---------------|---------------------|
| i. सागर ने    | iii. पहाड़ों ने     |
| ii. मनुष्य ने | iv. किसी ने भी नहीं |

(घ) नदी कहाँ-कहाँ अपना रास्ता भूल जाती है ?

- |                    |                         |
|--------------------|-------------------------|
| i. वनों में        | iv. i ,ii दोनों सही हैं |
| ii. गुफाओं में     |                         |
| iii. केवल i सही है |                         |

(ड़) नदी के स्वागत के लिए कौन खड़ा है ?

- i. पर्वत
- ii. ईश्वर

- iii. समुद्र
- iv. जंगल

प्रश्न 5. निम्नलिखित गद्यांश को पढ़कर पूछे गए प्रश्नों के उत्तर सही विकल्प चुनकर दीजिए। (1x5=5)  
सारे बच्चे काम में जुट गए। सबमें चुस्ती आ गई, पर प्रांजल और विदित में नहीं आई, दोनों ने सोचा था कि या तो छुट्टियों में आराम करेंगे या पापा के साथ किसी ग्रह की सैर करके आएँगे। परंतु संकल्प ने मरवा दिया। दोनों को चुस्त होकर दिखाना था परंतु काम करते-करते ऊँघने लगते। अपूर्व और क्षितिज उनकी सहायता भी कर रहे थे, परंतु उनका काम पीछे चल रहा था, रोबोट का ढाँचा तैयार हो गया, परंतु इन दोनों ने उसके एक सप्ताह बाद रो-पीटकर कंप्यूटर तैयार किया। जिस दिन रोबोट एसेम्बल हुआ उस दिन सबकी खुशी का ठिकाना नहीं था। उसका रिमोट विदित के हाथ में था और सब रोबोट के परीक्षण के लिए बाजार में घूम रहे थे। संकल्प ने रोबोट को एक हजार रूपए का नोट दिया और दस चॉकलेट लाने का निर्देश दिया। रोबोट चल पड़ा। बच्चे उत्सुकता से देख रहे थे। रोबोट दुकान तक पहुँचा तो सब खुश थे। रोबोट ने दुकान में घुसकर अपने आप चॉकलेट का डिब्बा उठा लिया और चल दिया। दुकानदार ने उसको पकड़ना चाहा तो रोबोट ने उसको एक घूँसा जड़ दिया। बेचारे का जबड़ा हिल गया, वह 'चोर-चोर' चिल्लाने लगा।

(क) रोबोट को चॉकलेट लाने का निर्देश किसने दिया ?

- i. प्रांजल ने
- ii. संकल्प ने

- iii. विदिता ने
- iv. सभी ने

(ख) प्रस्तुत पथ के रचियेता कौन हैं ?

- i. रामधारी सिंह दिनकर
- ii. प्रेमचंद

- iii. प्रेम जनमेजय
- iv. नागार्जुन

(ग) सभी खुश क्यों थे ?

- i. चॉकलेट मिलने पर
- ii. रोबोट के एसेम्बल होने पर
- iii. दुकानदार का जबड़ा टूटने पर
- iv. कंप्यूटर तैयार होने पर

(घ) काम करते -करते कौन ऊँघने लगे ?

- i. सभी बच्चे
- ii. प्रांजल और संकल्प

- iii. विदित और संकल्प
- iv. विदित और प्रांजल

(ड़) निर्देश शब्द में कौन सा उपसर्ग लगा है ?

- i. निर
- ii. नि
- iii. नी
- iv. निर्

प्रश्न 6. निम्नलिखित प्रश्नों के उत्तर 30 से 40 शब्दों में दीजिए।

(3X4=12)

- जॉली का अजय के पैरों से लिपटना क्या दर्शाता है?
- दोनों महान विभूतियों की विचारधारा में क्या समानताएँ थीं? पाठ 'दो युग पुरुष' के आधार पर लिखिए।
- निम्नवर्ग को मध्यमवर्ग से क्या शिकायत रहती है? पाठ 'मध्यमवर्गीय कुत्ता' के आधार पर लिखिए।
- होश आने पर अलेक्सेई किस प्रकार दर्द झेलते हुए अपने मोर्चे की ओर बढ़ा?

प्रश्न 7. निम्नलिखित प्रश्नों के उत्तर 20 से 30 शब्दों में दीजिए।

(2x4=8)

- केवट ने श्रीराम के सामने क्या शर्त रखी?
- रोहिताश ने गंगेसर काका को क्या सांत्वना दी थी?
- स्वाधीनता के बाद शांतिनिकेतन का क्या हुआ?
- लेखक ने एक यूरोपियन की दिनचर्या के बारे में क्या अनुमान लगाया?

प्रश्न 8. निम्नलिखित प्रश्नों के उत्तर एक शब्द या एक वाक्य में दीजिए।

(1x5=5)

- लेखक नए परिचित के घर चाय पर क्यों नहीं गए?
- जलियाँवाला बाग हत्याकांड कब हुआ था?
- सागर की लहरें कवि को कैसी प्रतीत होती हैं?
- सागर लहरें कविता के कवि कौन हैं?
- रज़िया कौन थी?

प्रश्न 9. 'भीख या दान' कविता का सारांश अपने शब्दों में लिखिए।

(5)

अथवा

'केवट प्रसंग' के आधार पर श्रीराम के चरित्र की क्या विशेषता उजागर होती है और उससे हम क्या सीख सकते हैं?।

(खंड ग)

प्रश्न 10. कोई एक पत्र लिखिए।

(5)

अपने छोटे भाई को प्रातः भ्रमण के लाभ बताते हुए एक पत्र लिखिए।

अथवा

अपनी सखी को विदेश जाने पर मंगलकामना व्यक्त करते हुए पत्र लिखिए।

प्रश्न 11. किसी एक विषय पर 80 से 100 शब्दों में अनुच्छेद लिखिए।

(5)

- परिश्रम की महिमा
- लड़का - लड़की एक समान
- बाल मज़दूरी

अवधि 3 घंटे

सामान्य निर्देश :-

सभी प्रश्नों के उत्तर देना अनिवार्य है।

सभी प्रश्नों को ध्यान से पढ़कर उत्तर दीजिए।

प्रश्न1. निर्देशानुसारेण उत्तरत

(1x10=10)

1. पूगः शब्दस्य अर्थःअस्ति -

i. सुपारी

ii नारियल

2. कर्पटः शब्दस्य अर्थः अस्ति

i. कपटी मित्र

ii. कपड़ा

3.नृत्येत इति शब्दे कःलकारःअस्ति?

i. लोट् लकारः

ii. विधिलिंग लकारः

4.अचलतः इति शब्दे कः लकारः अस्ति?

i. लङ् लकारः

ii. लृट् लकारः

5. प्राणी शब्दस्य पर्यायवाची कः अस्ति?

i.जीवः

ii. जीवाः

6. मेघः शब्दस्य पर्यायवाची कः अस्ति?

i. जलधिः

ii. जलदः

7. आगच्छन्ति शब्दे विपरीतार्थकं कः अस्ति?

i. गच्छन्ति

ii. निर्गच्छन्ति

8. विद्वान् शब्दे विपरीतार्थकं कःअस्ति?

i. मूर्खः

ii. न्यूनः

9. उचितैः अव्ययैः रिक्तस्थानानि पूरयत। ----- कंसः नाम नृपः आसीत् ।

i. पुरा

ii. यदा

10. कक्षायाम् छात्राः ---- वदन्ति।

i. तूष्णीं

ii. उच्चैः

प्रश्न 2. क्तवतु, क्त्वा, तुमुन् एवं क्त प्रत्यय प्रयोगेन शब्दं लिखत । (4)

प्रश्न 3. संधि वा सन्धिविच्छेदम् कुरुत। (2)  
अत्यंतः, देवालयः  
नर+ ईशः, देव+ ऋषिः

प्रश्न 4. निम्नलिखित अव्ययैः पदान् स्ववाक्येन प्रयोगं कुरुत । (3)  
कदा, अत्र, विना

प्रश्न 5. पूर्णवाक्येन उत्तरत । (5)  
i. तव विद्यालये कति अध्यापकाः सन्ति ?  
ii. अधुनिके समाजे अपि अनेकेषु स्थानेषु किं भवति ?  
iii. उपकरणानां प्रयोगेण का हानयः भवन्ति ?  
iv. गर्दभस्य पीडा - विषये श्रुत्वा व्याघ्रः किं अवदत् ?  
v. कस्मिन् विज्ञाने वयं प्रकाशस्य परावर्तनम् अपवर्तनं च पठामः?

प्रश्न 6. निम्नलिखित अंको को संस्कृत में लिखिए। (2)  
39, 26, 12 एवं 33

प्रश्न 7. पदपरिचयं कुरुत। वस्तूनि, समर्थाः एवं जनैः (6)

प्रश्न 8. रिक्त स्थान भरिए। (6x0.5=3)  
अपि ..... , ..... , न में लक्ष्मण ..... ।  
..... जन्मभूमिश्च ..... , ..... ।।

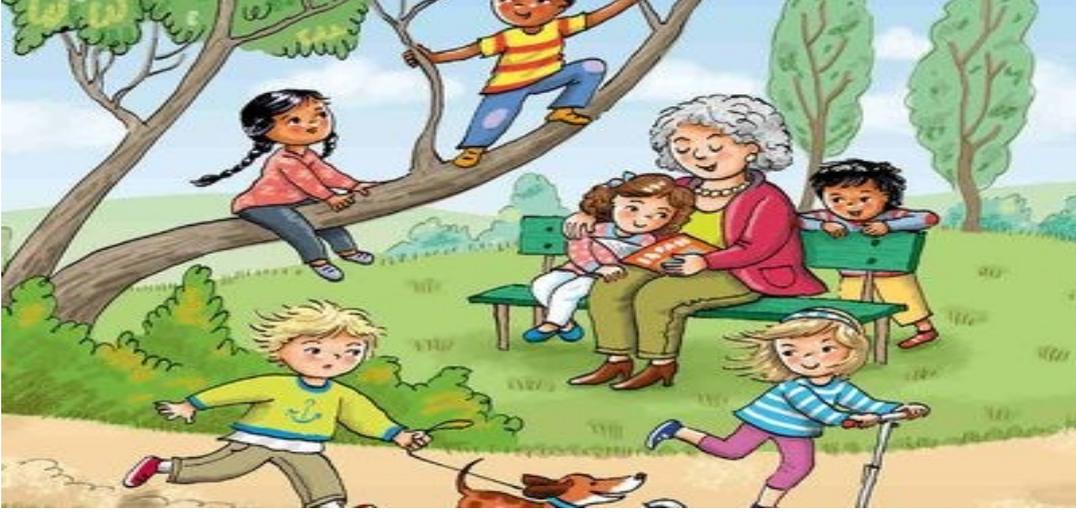
प्रश्न 9. संस्कृतेन अनुवादं कुरुत । (5)  
i. पर्यटन से हमें विभिन्न प्रदेशों का ज्ञान होता है ।  
ii. हम सभी मिलकर अपने देश की उन्नति करेंगे।  
iii. कणिका और मणिका उत्सव में नाचती हैं।  
iv. पांडव पाँच थे और कौरव सौ थे।  
v. कंप्यूटर से सभी कार्य सुविधाजनक हो गए हैं।

प्रश्न 10. शब्दार्थः लिखत । (3)  
निर्वचनानि, अभ्युत्थानम्, सम्पर्कम्, मणि, पृष्ठपादे, शावकाः

प्रश्न 11. निर्देशानुसारं वचनपरिवर्तनं कुरुत । (3)  
क) पर्यटकः पर्वते भ्रमति (बहुवचने)  
ख) अहं तडागे तरिष्यामि (द्विवचने)

ग) युवां कुत्र स्थास्यतः (एकवचने)  
प्रश्न 12. चित्रं दृष्ट्वा पञ्चाक्यानि संस्कृतेन लिखत ।

(5)



प्रश्न 13. नीचे दिए गए गद्यांश को ध्यानपूर्वक पढ़कर पूछे गए प्रश्नों के उत्तर दीजिए।

(5)

गङ्गातीरे एकः साधुः आसीत्। सः बहु उपकारं करोति स्म। यः अपकारं करोति तस्यापि उपकारं करोति स्म। एकस्मिन् दिने सः गङ्गानद्यां स्नानं कर्तुं नदीं गतवान्। नदीप्रवाहे एकः वृश्चिकः आगतः। साधुः वृश्चिकं दृष्टवान्। तं हस्तेन गृहीतवान्। तीरे स्थापयितुं प्रयत्नं कृतवान्। किन्तु सः साधोः हस्तम् अदशत्। साधुः तं त्यक्तवान्। वृश्चिकः जले अपतत्। पुनः साधुः वृश्चिकं गृहीत्वा तीरे स्थापयितुं प्रयत्नं कृतवान्। पुनः वृश्चिकः हस्तम् अदशत्। एवम् अनेकवारं साधुः वृश्चिकं गृहीतवान्। वृश्चिक- अपि अदशत्।

1. पूर्ण वाक्येन उत्तरत

- साधुः कुतः स्नानं कर्तुं ?
- कः बहु उपकारं करोति ?
- एकः वृश्चिकः कथं आगत ?

2. अपि अव्ययेन एकं वाक्यं रचयत ।

3. गृहीत्वा इति शब्दे कः प्रत्यय अस्ति ?

प्रश्न 14. नदी शब्द रूप की द्वितीया, तृतीया एवं चतुर्थी विभक्ति लिखिए।

(4.5)

गुरु शब्द रूप की चतुर्थी, पञ्चमी एवं षष्ठी विभक्ति लिखिए।

(4.5)

कवि शब्द रूप की षष्ठी एवं सप्तमी विभक्ति लिखिए।

(3)

प्रश्न 15. कथ् धातु लृट् लकार में एवं पृच्छ धातु लोट् लकार में लिखिए ।

(9)

प्रश्न 16. नृत् धातु लङ् लकार में मध्यम एवं उत्तम पुरुष में लि



4. \_\_\_\_\_ algorithm is used when the machine learns by the labelled training data
5. Robots interact with the physical world via sensors and \_\_\_\_\_.
6. \_\_\_\_\_ can be defined as linking the various web pages together.

**Q.3 State True or False:**

**(1x6=6)**

1. Weather forecasting uses regression algorithm.
2. An iterative statement is based on three values.
3. Blockchain is a distributed database.
4. Every loop works with the help of a variable known as the control variable.
5. Simple level robots have complex model-based circuits.
6. A link can be displayed as a button in a web page.

**Q.4 Assertion and Reason based questions-**

**In the following questions a statement of assertion is followed by a statement of reason select the correct answer (1x3=3)**

1. Assertion(A): Machine learning systems can improve their performance by learning from data

Reason (R): Machine learning uses algorithms to identify patterns in data.

- a) Both Assertion (A) and Reason (R) are true and Reason (R) is a correct explanation of Assertion (A).
- b) Both Assertion (A) and Reason (R) are true but Reason (R) is not a 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.

2. **Assertion (A):** The <a> tag is used to create hyperlinks in HTML.

**Reason (R):** The <a> tag connects one webpage to another.

- 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

3. **Assertion (A):** Sharing passwords is considered a bad cyber practice

**Reason (R):** Sharing passwords can lead to misuse of personal accounts.

- 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

**Q.5 Competency based questions:****(1x10=10)**

- (i) Aarav is designing a robot that stops moving when it detects an obstacle in front of it. Which component of the robot helps it detect the obstacle?
- (ii) Which part of a robot processes information and controls its actions?
- (iii) Neha wants to open another webpage when a user clicks on an image. Which HTML tag should she use?
- (iv) What is the function of the `target` attribute in the `<a>` tag?
- (v) A student receives an unknown link through a social media message. What should the student do to stay safe online?
- (vi) Name one type of personal information that should not be shared on the internet.
- (vii) A programmer wants to check whether a number is even or odd in Python. Which operator should be used?
- (viii) Why is it unsafe to make online payments using unsecured public Wi-Fi?
- (ix) What technology allows computers and devices to understand and respond to human actions without direct commands?
- (x) Which emerging technology enables machines to learn from experience and improve performance over time?

**Q.6 Answer the following in one word or one sentence.****(1x5=5)**

1. Which attribute is used to specify the link address in an `<a>` tag?
2. What does AI stand for?
3. Which sensor helps a robot detect obstacles?
4. Which function is used to check the range in a loop?
5. Name one use of emerging technology in daily life.

**Q.7 Answer the following in short-****(2x10=20)**

1. State the use of membership operators in Python.
2. Explain different types of Supervised learning.
3. What is an infinite loop?
4. Explain Boolean operators with an example.
5. What are the components of an expert system?
6. Describe the use of the anchor tag.
7. Classify the three types of robots.
8. Define the working of machine learning system.

9. What is the use of timeline in Audacity?
10. Name the two types of iterative statements.

**Q.8 Answer the following questions:[Attempt any 5]**

**(3x5=15)**

1. Define the Following term:  
(i)Spamming (ii)Digital footprint (iii) Software piracy
2. Describe briefly the children's rights in the digital age.
3. Name two of India's famous robots and write their speciality
4. Distinguish between internal and external linking.
5. What do you understand by Extended Reality? Write the advantage of XR.
6. Why do you include hyperlinks in your web page? Give any two reasons.
7. List any two safety measures you should follow while working on internet.

**Q.9 Case study based questions.**

**(5)**

**Case Study: Cyber Ethics**

8. Riya uses the internet daily for online classes, social media, and completing her school projects.  
She shares pictures and messages with her friends using social networking websites.  
One day, she copies information from a website and submits it as her own project without giving credit.  
She also shares her password with a friend, which results in misuse of her account.  
Her teacher explains the importance of cyber ethics, online safety, and responsible behavior on the internet.

**Questions (1 mark each)**

- 1) What is the term used for responsible behavior on the internet?
- 2) What is copying online content and using it as your own work called?
- 3) Is sharing passwords a safe cyber practice? (Yes/No)
- 4) Name one unsafe activity shown in the case study.
- 5) Why should personal information be kept private online?

**Or**

**Case Study: Links and Frames in HTML**

ABC School created its official website using HTML.  
The homepage contains links that take users to different pages such as About Us, Gallery, and Contact.  
The web designer used the <a> tag to create hyperlinks.  
The website also uses frames to divide the browser window into different sections, where one frame shows the menu and another displays the content page.

Questions (1 mark each)

1. Which language is used to create the school website?
2. Which HTML tag is used to create a hyperlink?
3. What is the purpose of a link in a webpage?
4. What do frames do in a browser window?
5. Name one section/page linked on the school website.