

**ST. PBN PUBLIC SCHOOL
UNIT TEST – III
CLASS – VII
ENGLISH
SAMPLE PAPER**

Time – 2 hrs

M.M. - 60

INSTRUCTIONS:

- **All questions are compulsory**
- **Read the questions carefully before attempting.**

SECTION-A (READING)

1. Read the given passage carefully:-

(1X5=5)

Communication has been the cornerstone of human progress, evolving significantly over centuries. Early humans relied on gestures, symbols, and rudimentary sounds to convey their thoughts. Over time, the development of spoken language revolutionized interaction, enabling societies to share knowledge, build relationships, and collaborate on large-scale projects.

The invention of writing marked another milestone in communication. Ancient civilizations like the Mesopotamians and Egyptians used pictograms and hieroglyphs to document their history, trade, and governance. Writing not only preserved information but also allowed it to be passed down to future generations, ensuring the continuity of cultures and traditions.

The printing press, invented by Johannes Gutenberg in the 15th century, transformed communication once again. It democratized knowledge by making books and newspapers accessible to the masses. This invention played a critical role in the spread of the Renaissance and the Enlightenment, empowering individuals to question existing norms and seek innovation.

In the 20th century, the advent of electronic media, including radio, television, and telephones, further expanded the horizons of communication. These technologies bridged long distances, bringing people closer and making real-time interaction possible. The ability to transmit information instantaneously transformed industries, from education to entertainment.

Today, we live in the digital age, where the internet and social media dominate communication. These platforms allow people to connect globally, share ideas instantly, and access an endless stream of information. However, the digital revolution also raises concerns about privacy, misinformation, and the erosion of face-to-face interactions.

Questions:

1. How did early humans communicate?
2. What was the significance of writing in ancient civilizations?
3. How did the printing press democratize knowledge?
4. What role did electronic media play in the 20th century?

5. Assertion and Reason Question:

Assertion (A): The digital age has made communication more accessible and efficient.

Reason (R): Social media platforms always provide accurate and reliable information.

- (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) Both A and R are false.

2. Read the given poem carefully and answer the following questions :- (5)

The Curious Star

A little star in the midnight sky,

Peeked down at the world and wondered why.

Why do humans fight and fret,

Over things they'll one day forget?

The star watched fields, both green and gray,

Dreaming of peace at the break of day.

With a twinkle bright, it softly sighed,

"May love and kindness be your guide."

Answer the following questions uestions:

- 1. What did the little star wonder about?**
- 2. What does the star dream of?**
- 3. How does the star express its hope for humanity?**
- 4. Why does the star feel puzzled about humans?**

5.Assertion and Reason Question:

Assertion (A): The star wished for love and kindness to guide humans.

Reason (R): Love and kindness can resolve human conflicts.

- (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) Both A and R are false.**

SECTION-B (GRAMMAR)

Q3. Complete the sentences with correct modal verb. (0.5x6=3)

- a. You _____ apologize for your mistake.
- b. He _____ complete the task by tomorrow if he starts now.
- c. We _____ follow the rules to ensure safety.
- d She _____ join us for dinner tonight.
- e. You _____ ask the teacher for help if you're confused.
- f. They _____ arrive at the airport by noon.

Q4. Complete this sentences with correct form of the adjective. (0.5X6=3)

- a. This is a _____ painting. (beautiful)
- b.. She is _____ than her classmates. (smart)
- c.This is the _____ book I have ever read. (interesting)
- d.. He is a _____ player. (Good)
- e.. My house is _____ than yours. (big)
- f.. Mount Everest is the _____ mountain in the world. (high)

Q5. Change the following sentences into passive voice. (1x3=3)

- a) He will call me .
- b) They have spoil the whole plan.
- c) Varun has twisted his hair band.

Q6 Fill in the blank with correct question tags. (1X3=3)

- a. You are coming to the party, _____?
- b. She doesn't like coffee, _____?
- c. They will join us later, _____?
- d. He can solve this problem, _____?
- e. We haven't met before, _____?
- f. It's a beautiful day, _____?

Q7. Join the following sentences using subordinate conjunctions. (1X3=3)

- (a) 1. She was tired. She went to bed early.
- (b.)He didn't go to school. He was feeling unwell.
- (c.). They will start the match. The rain stops.

SECTION-C(WRITING)

Q8. Write a description of your favourite tourist place you love.(100-120 words) (6)

Q9. Read the following telephonic conversation between Aryan and Smriti

Conversation:

Aman: Hello, is this Mrs. Sharma's house?

Reena: Yes, it is. May I know who's speaking?

Aman: This is Aman, Mrs. Sharma's neighbor. Could I speak to her, please?

Reena: I'm sorry, she's not at home right now. Can I take a message for her?

Aman: Yes, please. Kindly let her know that the date for the kitty party has been decided. It will be held next Monday. The theme is retro, and the venue is Radhika aunty's home.

Reena: Got it! I'll make sure to pass on the message as soon as she's back.

Aman: Thank you so much, Reena.

Reena: You're welcome!

Based on the conversation, frame a message Reena would write for Mrs. Sharma about the kitty party.

Hint: Include details about the date, theme, and venue.

Q10. Create your own story by replacing the elements given below with your own ideas. Write title and moral of this story. You can modify the story to fit your own creative vision!

Below is an outline of a story:-

Title: The Brave Little Sparrow

1. Introduction

Setting: A peaceful forest with a river flowing through it.

Characters: A little sparrow named Chirpy, a group of selfish crows, and an old wise owl.

2. Rising Action: Chirpy discovers a big fire spreading near the forest.

The crows mock Chirpy when she suggests helping to save the forest.

Chirpy flies to the river, collects a drop of water in her tiny beak, and pours it on the fire.

3. Climax: The old owl sees Chirpy's determination and encourages the other animals to join. Together, the animals bring water from the river, working as a team to stop the fire.

4. Falling Action: The fire is extinguished. The forest is saved. The crows realize their mistake and apologize to Chirpy

5. Conclusion

Moral: "Even small actions can make a big difference when done with determination."

This outline can be expanded into a full story or left as-is for students to write their own version.

(5)

SECTION- D (LITERATURE)

Q11. Read the extract and answer the question-

(2X3= 6)

It was a summer evening,

Old Kaspar's work was done,

And he before his cottage door

Was sitting in the sun,

And by him sported on the green

His little grandchild Wilhelmine.

She saw her brother Peterkin Roll something large and round,

Which he beside the rivulet

a) Name the poem and the poet.

b) What does Peterkin find while playing?

c) What is the message that it conveys?

Q12. Answer the following questions.

(2X3=6)

a: Who was the intruder that Ranji struggled with so fiercely? What was he/she doing?

b: Why did the journey to Nome had to be covered by dogsleds?

c: Gunnar decided to go ahead though he was warned by Charlie to stop at point safety .What made him do so?

Q13 How did the children flee from the garden? Was Ranji able to catch and see any of the intruder?

(3)

Q14. Case Based Question:-

(1.5x2=3)

Nation 1 and Nation 2, long-standing rivals, are on the brink of war due to escalating tensions over the "big blue sapphire," a critical resource vital for their survival. Nation 1 accuses Nation 2 of stockpiling the big blue sapphire unfairly, while Nation 2 alleges attempts of theft by Nation 1. The conflict has reached a critical point, with both sides contemplating war to secure control of the resource. Such a war would lead to immense casualties, widespread destruction, and catastrophic consequences for the environment and global stability.

Now on the basis of this case answer the following question:

1How can international organizations or neighboring countries play a role in mediating the conflict and ensuring a fair resolution that prevents war?

2. What strategies could both nations implement to share the Red Diamond resource sustainably, ensuring mutual survival and global environmental protection?

Q15. Word/ Meanings :-

(0.5X4=2)

(i) Limping (ii) frostbite (iii) gruffly (iv) bullfrog

ST. PBN PUBLIC SCHOOL
UNIT TEST – III
CLASS – VII
SCIENCE
SAMPLE PAPER

TIME: 2 Hours

MM-60

GENERAL INSTRUCTIONS:

1. All questions are compulsory.
2. Read each question carefully.
3. Marks are given against each question.

NAME: _____

ROLL NO: _____.

Q1. Choose the correct answer:

(1x10=10)

i. Which of the following is not an indicator that occurs naturally?

- | | |
|-----------|--------------------|
| a) Gudhal | b) Turmeric |
| c) Litmus | d) Phenolphthalein |

ii. Which of the following is the primary organ of the respiratory system in humans?

- | | |
|----------|------------|
| a) Heart | b) Kidney |
| c) Lungs | d) Stomach |

iii. The heart is located in the

- | | |
|-----------------|------------------|
| a) Chest cavity | b) Kidney cavity |
| c) Brain cavity | d) Muscle cavity |

iv. A Which symbol represents an electric cell in a circuit diagram?

- | | |
|---------------------------------------|----------------|
| a) A long line and a short thick line | b) A circle |
| c) A zigzag line | d) A rectangle |

v. Planting of trees on a large scale is known as _____.

- | | |
|------------------|----------------------|
| a) Agroforestry | b) Afforestation |
| c) Deforestation | d) None of the above |

vi. Which of the following is a scavenger?

- | | |
|-----------|------------|
| a) Jackal | b) Vulture |
|-----------|------------|

- c) Crow
- d) All of the above
- vii. Which of the following is not a forest product?**
- a) Latex
- b) Resin
- c) Kerosene
- d) None of the above
- viii. The fluid part of the blood is called**
- a) Plasma
- b) RBC
- c) WBC
- d) Blood Platelets
- ix. Which of the following is the outcome of a neutralisation reaction?**
- a) A solution
- b) A salt
- c) A mixture
- d) A acid and base mixture
- x. What is the combination of two or more electric cells called?**
- a) Circuit
- b) Battery
- c) Fuse
- d) Electromagnet

Q2. Answer the following questions.

(2x7=14)

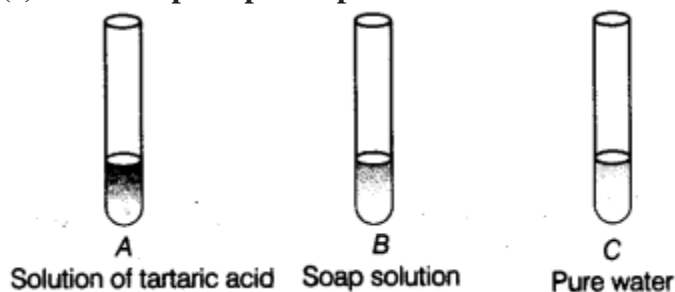
- i) What is a canopy?
- ii) In some animals, exchange of gases takes place through its thin and moist skin. Name one such animal.
- iii) Arteries and veins carry blood to and from the heart. Which of these carry the blood?
- (a) Back to the heart from all organs.
- (b) Away from heart for distribution in all organs.
- iv) Why plants absorb a large quantity of water from the soil, then give it off by transpiration?
- v) In what ways is a solenoid different from an electromagnet?
- vi) While going inside a forest, it becomes darker. Why?
- vii) How are food chains interconnected? Give two examples.

Q3. Answer the following questions.

(3x7=21)

- i) You are provided with three test tubes A, B and C as shown in figure with different liquids. What will you observe when you put
- (a) a piece of blue litmus paper in each test tube?
- (b) a piece of red litmus paper in each test tube?

(c) a few drops of phenolphthalein solution to each test tube?



- ii) Explain the difference between combustion and aerobic respiration.
- iii) What is the treatment for kidney failure?
- iv) a. If the filament of the bulb is broken, would the circuit be complete? Would the bulb still glow?
b. Name some electric appliances where the heating effect of the electric current is used.
- v) Forests are valuable resources. Explain.
- vi) Paheli while moving in a forest observed that there was no noise pollution, though lots of heavy vehicles were passing from the nearby highway. Explain why.
- vii) Why do ventricles have thicker walls than auricles?

Q4. Value based questions

(2.5x3=7.5)

- i) A small amount of hydrochloric acid is always produced in the stomach. Is it useful or harmful for us? If excess of acid is produced in the stomach, what should we do?
- ii) Paheli uprooted a rose plant from the soil. Most of the root tips with root hairs got left behind in the soil. She planted it in a pot with new soil and watered it regularly. Will the plant grow or die? Give reason for your answer.
- iii) While learning to ride a bicycle, Boojho lost his balance and fell. He got bruises on his knees and it started bleeding. However, the bleeding stopped after sometime.
- (a) Why did the bleeding stop?
(b) What would be the colour of the wounded area and why?
(c) Which type of blood cells are responsible for clotting of blood?

Q5. High Order Thinking Skills based questions

(2.5x3=7.5)

- i) Three liquids are given to you. One is hydrochloric acid, another is sodium hydroxide, and the third is a sugar solution. How will you identify them? You have only turmeric indicator.
- ii) A person put some warm water in an aquarium having fish during winter season. He thought that fish will be more comfortable in luke warm water than cold water. But he observed that fishes in the aquarium died. Why the fishes died in warm water?
- iii) a) Why do we cover plug pinholes which are within the reach of children with cellotape or a plastic cover when not in use?
b) Waste carbon dioxide and urea are removed from our body by which organs?

सेंट पी०बी०एन० पब्लिक स्कूल
कक्षा सातवीं
विषय संस्कृत
इकाई परीक्षा 3
आदर्श प्रश्न पत्र

अ० अंक 60

अवधि 2 घंटे

सामान्य निर्देश :-

1. सभी प्रश्नों के उत्तर देना अनिवार्य है।
2. प्रश्नों को ध्यान से पढ़कर उत्तर दीजिए।

प्रश्न 1 निर्देशानुसार उत्तरत -

(1x10=10)

- 1) लेखितुं इति पदे प्रत्यय अस्ति -
 - i. तुमुन्
 - ii. तुमुन
- 2) ल्यप् प्रत्यय युक्तं उचितं पदं अस्ति-
 - i. विहसय
 - ii. विहस्य
- 3) ज्ञात्वा इति पदे कः प्रत्यय ?
 - i. क्त्वा
 - iii. क्तवा
- 4) भवेतां इति पदे लङ् लकारे अभवत्
 - i. अभवतां
 - iv. अभत
- 5) पश्यतु इति पदे लृट् लकारे अभवत्
 - i. पश्यन्ति
 - v. द्रक्ष्यति
- 6) वदतु इति पदे विधिलिङ् लकारे अभवत्
 - i. वदेत्
 - vi. वदत
- 7) तत् + धनम् ' सन्धियुक्त शब्दः अस्ति -
 - i. तद्धनम्
 - vii. ततधनाम
- 8) सिद्ध + अर्थः सन्धियुक्त शब्दः अस्ति -
 - i. सिद्धार्थः
 - viii. सिद्धार्थः
- 9) नानृतं सन्धिविच्छेदं शब्दः अस्ति -
 - i. न + नृतम्
 - ix. न + अनृतम्
- 10) भोजनालये सन्धिविच्छेदं शब्दः अस्ति -
 - i. भोजन + लये
 - ii. भोजन + आलये

- प्रश्न 2 निम्नलिखित प्रश्नों के उत्तर एक शब्द में दीजिए । (3)
- कया सर्वेषां रक्षा भवति ?
 - छात्राणाम् किम् कर्तव्यम् अस्ति ?
 - केन पादपाः विनाशः ?
- प्रश्न 3 शब्दार्थः लिखत (2)
- वल्लकन्दुकं ,विधिषु ,लब्धा ,दुर्भिक्षे
- प्रश्न 4 विलोम शब्दं लिखत । (2)
- मधुरम् , रुग्णः , चलम् , प्राचीनम्
- प्रश्न 5 संस्कृतेन अनुवादं कुरुत । (3)
- लोगों को स्वच्छता का महत्त्व समझाओ ।
 - हम सिनेमा देखने जाएँगे ।
 - हमें सदा सत्य बोलना चाहिए।
- प्रश्न 6 पूर्णवाक्येन उत्तरत । (2)
- केन कोडपि एतान् मलिनं न करोति ?
 - केभ्यः स्वच्छतायाः ज्ञानम् आवश्यकं भवति ?
- प्रश्न 7 हिन्दी अनुवादं कुरुत । (4)
- पुस्तकस्था तु या विद्या परहस्तगतं धनम् ।
 - कार्यकाले समुत्पन्ने न सा विद्या न तदधनम् ॥
- प्रश्न 8 पद परिचयं कुरुत । (4)
- धाविष्यति
 - अकथयत
- प्रश्न 9 शुद्धं कुरुत - (3)
- अहं तीव्रम् चलिष्यत ।
 - नरौ हससि ।
 - अहं अत्र न अपठत ।
- प्रश्न 10 तत् सर्वनाम शब्द रूपस्य चतुर्थी पञ्चमी ,षष्ठी एवं सप्तमी विभक्तिं लिखत। (6)
- प्रश्न 11 अस्मद् शब्द रूपस्य प्रथमा ,द्वितीया ,तृतीया एवं चतुर्थी विभक्तिं लिखत । (6)
- प्रश्न 12 नम् धातु लङ् एवं दा धातु लृट् लकारे लिखत। (9)
- प्रश्न 13 दा धातु लट् लकारे प्रथम एवं मध्यम पुरुषे लिखत । (3)
- प्रश्न 14 नम् धातु लोट लकारे मध्यम् एवं उत्तम पुरुषे लिखत । (3)

St. PBN PUBLIC SCHOOL, GURUGRAM

UNIT TEST-3

CLASS – VII

MATHEMATICS

SAMPLE PAPER

Time: 2 Hours

M.M: 60

General Instructions:

- All questions are compulsory.
- Question paper consists of five parts.
- Part-I contains 10 Multiple Choice Questions, each carrying 1 mark.
- Part-II contains 9 questions each carrying 2 marks.
- Part-III contains 4 questions each carrying 3 marks.
- Part-IV contains 3 questions each carrying 4 marks.
- Part-V contains 2 case study questions each carrying 4 marks.

Part-I

Q.1 Choose the correct option and write in your answer sheet

(1X 10=10)

- i. Which of the following rational numbers are equal?
- (a) $-9/12$ and $8/(-12)$ (c) $7/21$ and $3/(-9)$
(b) $-16/20$ and $20/(-25)$ (d) $-8/(-14)$ and $13/21$
- ii. How many terms are there in $a \times bc + 13x^2 - 4y^2 + 21c$
- (a) 2 (c) 4
(b) 3 (d) 5
- iii. Write the mathematical statement for 5 subtracted from a number y is 12.
- (a) $5-y = 12$ (c) $y - 12 = 5$
(b) $y-5 = 12$ (d) $12- y = 5$
- iv. $44/-77$ in standard form is
- (a) $4/-7$ (c) $-44/77$
(b) $-4/7$ (d) None
- v. The solution of the equation $5x = 30$ is
- (a) $x = 6$ (c) $x = 7$
(b) $x = 5$ (d) $x = 8$
- vi. Which of the following ratio is in simplest form?
- (a) 7:14 (c) 4:15
(b) 16:64 (d) 21:27

- vii. An expression having exactly one unlike terms is known as
 (a) Monomial (c) Trinomial
 (b) Binomial (d) None
- viii. Twice a number when increased by 7 gives 25. The number is
 (a) 7 (c) 9
 (b) 10 (d) 8

ix. **Assertion (A):** If the cost of 5 pens is Rs 75, then the cost of 15 pens is Rs 225.

Reason (R): If two quantities are directly proportional, then as one quantity increases, the other quantity also increases in the same ratio.

- 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.

x. **Assertion (A):** The solution to the equation $x/2 = 9$ is $x = 19$.

Reason (R): An equation can be balanced by performing the same mathematical operation on both the sides.

- 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.

Part II

Q.2 Solve the following questions:

(2 X 9 = 18)

- i. Draw the number line and represent the following rational numbers on it:
 (a) $5/8$
 (b) $-9/13$
- ii. Find the degree of the following expressions:
 (a) $3a^2b + 2b^2a - 5ab$
 (b) $15m^4n^5 + 10xy^2 - 12$
- iii. Subtract $4x + 9$ from the sum of $3x^2 - 2x + 2$ and $3x^2 + 3x - 6$.
- iv. Two complementary angles differ by 18° . Find the angles.
- v. Write the coefficient of x^2 in the following terms.
 (a) $-17x^2y^2z^2$
 (b) $-a^3x^2b^4$

- vi. The interest received by Dinesh is ₹950 more than that of Suresh. If the total interest received by them is ₹1800, find the interest received by Suresh.
- vii. What is the mean proportion between 64 and 16?
- viii. In an isosceles triangle, the length of the one of its equal side is thrice as large as the third side. If the perimeter of the triangle is 49 cm, find the length of each side of the triangle.
- ix. Solve the give an equation by balancing method and check your answer.
 $3x - 4 = 5$

Part –III

Q.3 Solve the following questions:

(3 X 4 = 12)

- i. The following rational numbers in ascending order:
 $-5/9, 2/5, 1/(-3), 8/(-15)$
- ii. Simplify the expression and find its value when $p = 5$ and $q = -3$.
 $2(p^2+pq) + 3 - pq$
- iii. Surbhi, Dhriti, Rahul, and Manav have some candies. Surbhi has thrice the number of candies that Manav has. Rahul has 3 more than the candies that Manav has and Dhriti has 12 less than 4 times the number of candies that Manav has. Given that the sum of Manav and Dhriti's candies is equal to the sum of Surbhi and Rahul's candies, find the total number of candies that they have between them.
- iv. The ratio of present ages of Prabhat and Anisha is 3: 5. If Prabhat is 6 years and 9 months old, then find the age of Anisha.

Part –IV

Q.4 Solve the following questions:

(4 X 3 = 12)

- i. On Diwali, Sumit wants to paint the wooden doors and windows of his house. There are 6 doors of equal size and 4 windows of equal size. He needs $\frac{3}{4}$ of a can of paints for a door and $\frac{1}{2}$ of a can of paint for window. He has already $3\frac{1}{2}$ cans of paint with him. Will the cans be enough to paint all doors and windows? If not, how many cans should he buy to paint all doors and windows?
- ii. Subtract the sum of $a^2 - 2b^2 + 5ab$ and $6a^2 - 7ab - 9b^2$ from the sum of $-2a^2 + b^2 - ab$ and $a^2 - 4b^2 + 9ab$.

- iii. Two buildings of different heights are standing vertically on the same road. At a particular time, the ratio between the lengths of their shadows is 9: 2. If the height of the smaller building is 10 m, find the height of the other building.

Part –V

Q5 Case study questions:

(4 X 2 = 8)

1. A group of 3 friends started a small business. After making profit they want to share the profit amount according to the investment made by them. They have to share the amount of ₹2000 in the ratio 2:3:5.

- (a) How much money will get the first friend
- (b) How much money will get the second friend
- (c) How much money will get the third friend?
- (d) Find two equivalent fraction of 3:5.

2. Rahul's family is planning a trip to a hill station that is 240 km away. They want to cover $\frac{3}{5}$ of the distance on the first day and the remaining distance on the second day. The speed limit on the highway is $\frac{2}{3}$ of the normal speed.

- (a) Find the distance covered by them on the first day?
- (b) Find the distance covered by them on the second day?
- (c) Which rational number is greater: $\frac{3}{5}$ or $\frac{2}{3}$
- (d) Define rational numbers.

ST. PBN PUBLIC SCHOOL, GURUGRAM
UNIT TEST-III
CLASS – VII
SOCIAL SCIENCE
SAMPLE PAPER

Time: 2 hrs

MM.60

GENERAL INSTRUCTIONS:

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

Q1. Fill in the blanks with suitable words.

(1x3=3)

- a. The Gonds lived in the forest areas of central India called _____.
- b. Waves are _____ movements in water.
- c. A _____ is a written form of personal communication.

Q2. Choose the correct options-

(1x5=5)

- a. Read the following two statements and assess the correct option.

Statement 1: The Banjaras were nomadic traders who moved along with their caravans.

Statement 2: The Banjaras practiced shifting cultivation to earn their living.

1. Both statements 1 and 2 are correct.
2. Statement 1 is correct and statement 2 is incorrect.
3. Statement 1 is incorrect and statement 2 is correct.
4. Both statements 1 and 2 are incorrect.

- b. The upper part of a wave is called

- i) Swash
- ii) Backwash
- iii) Crest
- iv) Trough

- c. The longest railway line in the world

- i) Trans -Canadian Railways
- ii) Trans –Siberian Railways
- iii) Trans- Andean Railways
- iv) Trans – Australian Railways

d. Market which generally remain open throughout the week are called

- i) Weekly market
- ii) Neighborhood market
- iii) Shopping mall
- iv) Retail market

e. Oldest means of communication across countries are

- i) Print media
- ii) Electronic media
- iii) Mass media
- iv) Personal media

Q3. State whether the following statements are True or False: (0.5x4=2)

- a. Khwaja Muinuddin Chishti played a key role in the spread of Sufism in India.
- b. India has the second largest network of railways in Asia.
- c. Not all advertisements promote inequalities.
- d. Mass media has little role in shaping public opinions.

Q4. Look at the picture given below and answer the following questions. (1+2+2=5)



- i) Which mode of transport is shown here?
- ii) Why is it the preferred mode of transportation for long distances?
- iii) On what factors does the development of this mode of transport depend?

Q5. Answer the following questions in one word/few words. (1x5=5)

- a. Name the area where the Balochi tribes inhabited.
- b. Name any one-woman Bhakti saint.
- c. Give one example of hot current.
- d. Give one example of print media.
- e. Give an example of tropical deciduous tree.

Q6. Answer the following questions in brief.

(2x5=10)

- a. Write two teachings of Bhakti Saints.
- b. What do you understand by the concept of Bhakti?
- c. What are the similarities between the desert vegetation and the tundra vegetation?
- d. Differentiate between Taiga and Tidal forests.
- e. Who is a wholesaler?

Q7. Answer the following questions.

(3x4=12)

- a. Due to what reasons did towns develop around ports? (Give three reasons)
- b. Distinguish between Waves and Tides.
- c. Evaluate the role of money in mass media.
- d. State two characteristics of a weekly market.

Q8. Answer the following questions in detail

(5x3=15)

- a. What were the major beliefs and practices of Sufisim?

Or

Describe the administrative system of the Gonds.

- b. Write the influence of ocean currents. (Any five)

Or

Why are hot deserts located on the western margins of the continents in the tropical region?

- c. Explain brand and brand values.

Or

How does a weekly market differ from a shopping complex?

Q9. On the outline map of India mark -

(1x3=3)

- a. Any one administrative town
- b. The IT hub of India
- c. Surat

समय : 2 घंटे

अंक : 60

सामान्य निर्देश :

1 सभी प्रश्नों के उत्तर देना अनिवार्य है।

2 लेख और वर्तनी का ध्यान रखें।

3 प्रश्नों को ध्यान से पढ़कर उत्तर दीजिए।

भाग क

प्रश्न 1. निर्देशानुसार उत्तर दीजिए।

(1×20=20)

- (i) सर्वनाम के कितने भेद होते हैं ?
- (ii) 'यह बात कोई ने भी मुझको नहीं बताई' वाक्य में सर्वनाम के अशुद्ध प्रयोग को शुद्ध कीजिए।
- (iii) बल और स्वर्ग शब्दों से विशेषण बनाइए।
- (iv) रिक्त स्थान में उपयुक्त विशेषण लिखिए – मुझे _____ सहायता चाहिए?
- (v) 'वह ठीक से दौड़ नहीं पाया' वाक्य में काल का भेद क्या है?
- (vi) काल के कितने भेद होते हैं? उसके नाम लिखें।
- (vii) रिक्त स्थानों में कालवाचक क्रिया विशेषण लिखिए।
वह _____ सत्य बोलता है।
- (viii) निम्नलिखित विराम चिह्नों के नाम लिखिए।
(क) () (ख) ;
- (ix) निम्नलिखित वाक्य में उपयुक्त स्थानों पर विराम चिह्न लगाइए -- हाय अब मैं कहाँ जाऊँ
- (x) 'कुशल' के दो पर्यायवाची शब्द लिखिए।
- (xi) सम्मान , मान, प्रतिष्ठा किसके पर्यायवाची शब्द हैं?
- (xii) कटु और अनुग्रह के विलोम शब्द लिखिए।
- (xiii) 'जो प्रशंसा के योग्य हो' के लिए एक शब्द लिखिए।
- (xiv) 'कृष्ण' के अनेकार्थक शब्द लिखिए।
- (xv) अपेक्षा और उपेक्षा के समश्रुत भिन्नार्थक शब्द लिखिए।
- (xvi) 'हवा से बातें करना' मुहावरे का अर्थ लिखिए।
- (xvii) बहुत कम अंतर- के लिए उपयुक्त मुहावरा लिखिए।
- (xviii) 'मुँह में राम, बगल में छुरी' लोकोक्ति का अर्थ लिखिए।
- (xix) निम्नलिखित कथन और कारण को ध्यानपूर्वक पढ़िए। तत्पश्चात नीचे दिए विकल्पों में से उचित विकल्प चुनकर उत्तर लिखिए।

(अ) कथन (A) जिस संज्ञा या सर्वनाम शब्द की विशेषता बताई जाए, वह विशेष्य कहलाते हैं।
कारण (R) विशेषण की विशेषता बताने वाले शब्दों को 'क्रिया विशेषण कहते हैं।

(क) कथन(A) सही है , कारण (R) गलत है।

(ख) कथन (A) गलत है, कारण (R) सही है।

(ग) कथन (A) और कारण (R) दोनों ही सही हैं।

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

(ब) कथन (A) जिन शब्दों में लिंग वचन और कारक के प्रभाव से विकार या परिवर्तन नहीं होता, उन्हें 'अविकारी' या 'अव्यय' शब्द कहते हैं।

कारण (R) क्रिया- विशेषण, संबंधबोधक, समुच्चयबोधक, विस्मयादिबोधक और निपात अव्यय के भेद हैं।

(क) कथन(A) सही है , कारण (R) गलत है।

(ख) कथन (A) गलत है, कारण (R) सही है।

(ग) कथन (A) और कारण (R) दोनों ही सही हैं।

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

प्रश्न 2 निम्नलिखित गद्यांश को पढ़कर पूछे गए प्रश्नों के उत्तर सही विकल्प चुन कर दीजिए। (5)

किन्नर कैलाश और कैलाश मानसरोवर अपने रूप- स्वरूप में बहत भिन्न हैं किंतु दोनों के सौंदर्य में उन्हें देखने पर होने वाली अनुभूति में दिव्यता की अनुभूति समान है। कैलाश मानसरोवर का लिंगाकार भाग जहाँ बर्फ से ढका रहता है वहाँ किन्नर कैलाश का शिवलिंग हिममंडित पर्वत श्रृंखलाओं के मध्य, बर्फ को अपने ऊपर टिकने ही नहीं देता। सूरज की करवटों के साथ अपने सलोने रंग बदलना इसे ज्यादा अच्छा लगता है।

1: कैलाश मानसरोवर और किन्नर कैलाश के सौंदर्य में कौन-सी समानता है?

(क) दोनों हिमालय के दक्षिण में स्थित हैं

(ख) दोनों दिव्यता की अनुभूति कराते हैं

(ग) दोनों के शिवलिंग बर्फ से ढके रहते हैं

2: कैलाश मानसरोवर का कौन-सा भाग बर्फ से ढका रहता है?

(क) पश्चिमी भाग

(ख) दक्षिणी भाग

(ग) लिंगाकार भाग

3: किन्नर कैलाश की विशेषता क्या है?

(क) यह हिमालय की सबसे ऊँची चोटी है

(ख) इसका शिवलिंग बर्फ को टिकने नहीं देता

(ग) यह मानसरोवर झील के पास स्थित है

4: कैलाश मानसरोवर आज किसके कब्जे में है?

(क) भारत सरकार

(ख) नेपाल सरकार

(ग) चीन सरकार

5: किन्नर कैलाश का शिवलिंग किसकी करवट के साथ रंग बदलता है?

(क) चाँद की

(ख) सूरज की

(ग) मौसम की

भाग ख

प्रश्न 3. निम्नलिखित प्रश्नों के उत्तर एक शब्द या एक वाक्य में दीजिए।

(1 x 4 = 4)

(क) मलाला ने अहिंसक होने का पाठ किसे सीखा?

(ख) 'नर- पशु' शब्द से कवि का क्या अभिप्राय है?

(ग) हीरे ने अपने कौन- कौन से गुण बताए?

(घ) लेखक ने सबसे बड़ा संगतराश किसे कहा है और क्यों?

प्रश्न 4. निम्नलिखित प्रश्नों के उत्तर 30 से 40 शब्दों में दीजिए

(3 x 4 = 12)

(क) मलाला की आत्मकथा को अमेरिका, यूरोप और विश्व के अन्य देशों के पाठ्यक्रम में क्यों सम्मिलित किया गया है?

(ख) मात्रभूमि से प्रेम करने वाले व्यक्ति की क्या क्या विशेषताएँ होती हैं?

(ग) "तू कोयला और मेरा अग्रज"? कथन में छिपा व्यंग स्पष्ट कीजिए?

(घ) किन्नर कैलाश और मानसरोवर कैलाश में क्या भिन्नता और समानता है?

प्रश्न 5. निम्नलिखित प्रश्नों में से किसी एक का उत्तर 40 से 50 शब्दों में दीजिए।

(4 x 1 = 4)

(क) दुर्गम तीर्थ- यात्राओं का कष्ट झेलने से बचने के लिए हेलिकॉप्टर आदि से जाना आपकी दृष्टि से क्या उचित है? अपने विचार स्पष्ट कीजिए।

(ख) भाव स्पष्ट कीजिए-- मगर इनकी लाई चिट्ठियाँ पेड़, पौधे, पाने और पहाड़ बाँचते हैं।

प्रश्न 6. निम्नलिखित काव्यांश को पढ़कर पूछे गए प्रश्नों के उत्तर सही विकल्प चुनकर दीजिए।

(5)

यह भारतवर्ष हमारा है

हमको प्राणों से प्यारा है।

है यहाँ हिमालय खड़ा हुआ,

संतरी सरीखा अड़ा हुआ,

गंगा की निर्मल धारा है,

यह भारतवर्ष हमारा है।

जन्मे थे यहीं राम-सीता,

गूँजी थी यहीं मधुर गीता,

यमुना का श्याम किनारा है,

यह भारतवर्ष हमारा है।

तन-मन-धन प्राण चढ़ाएँगे,
हम इसका मान बढ़ाएँगे,
जग का सौभाग्य सितारा है,
यह भारतवर्ष हमारा है।

(1) हिमालय किसके समान खड़ा हुआ है?

(क) संतरी के समान

(ख) वृक्ष के समान

(ग) दुश्मन के समान

(2) उपर्युक्त पठ्यांश के लिए उचित शीर्षक लिखिए।

(क) हमारा प्यारा भारतवर्ष

(ख) सबसे प्यारा देश हमारा

(ग) क और ख दोनों

(3) यमुना का किनारा कैसा है?

(क) श्याम रंग का

(ख) सुनहरे रंग का

(ग) लाल रंग का

(4) यहाँ 'हमारा' शब्द का प्रयोग किनके लिए हुआ है?

(क) भारतवासियों के लिए

(ख) संघर्ष करने वालों के लिए

(ग) मधुर गीत गाने वालों के लिए

(5) 'सौभाग्य' का उचित वर्ण-विच्छेद लिखिए।

(क) स् + औ + भ् + आ + ग् + य् + अ

(ख) स् + औ + भा + ग् + य् + अ

(ग) स् + औ + भ् + आ + य् + अ

भाग ग

प्रश्न 7. निम्नलिखित में से किसी एक विषय पर अनुच्छेद लिखिए।

(5)

- i. वृक्षों का महत्व
- ii. व्यायाम के लाभ
- iii. समय का सदुपयोग

प्रश्न 8. निम्नलिखित में से किसी एक विषय पर पत्र लिखें ।

(5)

चाचा जी को जन्मदिन पर बुलाने के लिए पत्र लिखिए।

अथवा

कक्षा में प्रथम आने की जानकारी देते हुए पिताजी को पत्र लिखिए।

St. PBN Public School, Gurugram
Unit Test- III
Class - VII
Subject – Computer
Sample Paper

TIME: 2 Hours

MM: 60

NAME: _____

ROLL NO: _____

General Instructions:

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

Q.1 Multiple choice questions-

(1x8=8)

- 1.** Which of the following is an example of a task that involves extracting names of people, organizations, or locations from a text?
 - a) Part-of-Speech Tagging
 - b) Named Entity Recognition
 - c) Text Generation
- 2.** Which of the following is used to split text into words or sentences in NLP?
 - a) Lemmatization
 - b) Tokenization
 - c) Parsing
- 3.** What does POS stand for in NLP?
 - a) Personal Operating System
 - b) Part-of-Speech
 - c) Parsing Online Syntax
- 4.** Which of the following is a common task in NLP?
 - a) Image Recognition

b) Sentiment Analysis

c) Network Security

5. In Python, which statement is used to specify the block of code that will run if an if condition is false?

a) else

b) pass

c) continue

6. What is the purpose of the `else` statement in a loop?

a) It is used when a loop has finished execution.

b) It runs when a loop condition is true.

c) It is used to skip the loop.

7. The values on which the operator work are known as

a) Operands

b) Data

c) Numbers

8. _____ is an example of unary operator.

a) +a

b) b) <

c) =

Q.2 Fill in the blanks:

(1x5=5)

1. The _____ **Tool** in NLP is used to identify names of people, places, or organizations in text.

2. In NLP, _____ is used to reduce words to their base form, such as converting "running" to "run".

3. The _____ operator is used to compare two values and check if they are equal.

4. The _____ operator is used to check if two conditions are both true in an if statement.

5. The _____ operator is used to perform logical negation, i.e., it turns true to false and vice versa.

Q.3 State True or False:

(1x5=5)

1. The `or` operator in Python returns True if at least one of the conditions is True.
2. The `elif` statement in Python is used to handle multiple conditions when the `if` condition is false.
3. POS involved adding the parts of speech to each token.
4. The `>` operator is used to check if the left operand is smaller than the right operand.
5. Higher precedence operators are operated before the lower precedence operators.

Q.4 Assertion and Reason-

In the following questions a statement of assertion is followed by a statement of reason select the correct answer

(1x2=2)

1. Assertion: Python supports both arithmetic and logical operators.

Reason: Python includes a wide range of operators, such as arithmetic operators (+, -, *, /) for numerical calculations, and logical operators (and, or, not) for making decisions based on boolean conditions.

- 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): NLP is essential for voice assistants like Siri and Alexa.

Reason (R): Voice assistants use NLP to process and understand spoken language, enabling them to respond to commands, answer questions, and perform tasks.

- 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.

Q.5 Application based questions:

(10)

1. Answer these questions-

- a. Ritika wants to translate her language to another language, for this real-time translation app, how would she apply NLP to ensure accurate and context-aware translations between multiple languages?
- b. A company wants to monitor customer sentiment about its brand on Twitter. They are particularly interested in detecting potential crises early by identifying tweets with strong negative sentiment. How would you address them using NLP techniques?
- c. Arfi's father is a businessman. He wants to determine whether he made a profit or loss based on the revenue figures. Suggest an appropriate conditional construct that he can use to solve the problem.

2. Write the output of the following code segments-

a) **a=10**

b=20

print(a+b)

print(a-b)

b) **a=100**

b=20

if a>b:

print (a/b)

else:

print(a*b)

c) **a=2044**

if a%4==0:

print("This year is a leap year")

else:

print("This year is not a leap year")

3. Write the program to print your name five times.

4. Input two number and design a program that can perform

- a. Find the remainder when one is divided by the other
- b. Find the square of given value

5. Write the full form of following

- a. NLU
- b. NLG

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

1. Which operator is used to join two strings?
2. List the logical operators.
3. Write the syntax of if.....else statement.
4. What do you understand by operator precedence?
5. Which operator is used to replicate a given string?

Q.7 Answer the following in short- (2x5=10)

1. Describe the use of conditional statements.
2. What is the difference between Siri and Google assistant?
3. Explain any four relation operators with their examples.
4. What is the use of **input** function in Python? Explain with an example.
5. Define binary operator with an example.

Q.8 Answer the following questions:[Attempt any 3] (3x3=9)

1. List the tasks of NLP.
2. What is the use of Google maps?
3. Define logical operators with their examples.
4. What is the difference between '/' and '//' operator?

Q.9 Case study base questions. (3x2=6)

A. Key techniques in NLP include **tokenization**, which splits text into smaller units like words or sentences, and **stemming and lemmatization**, which reduce words to their root forms. **Named Entity Recognition (NER)** identifies entities such as names, dates, or locations in text, while **part-of-speech tagging** assigns grammatical roles to words. Advanced approaches leverage machine learning, particularly **deep learning** with models like transformers (e.g. BERT, GPT), for tasks like text classification, summarization, and machine translation.

Answer the following questions

1. The term NER stands for _____ 1
2. What is the use of Part of speech tagging? 1
3. Write any two features of NLP. 1

B. Python conditional statements allow developers to execute specific blocks of code based on certain conditions, enabling decision-making in programs. The **if statement** evaluates a condition, and if it is true, the indented block of code below it is executed. The **else statement** provides an alternative block of code to run if the **if** condition is false. The **elif (else if)** statement enables testing multiple conditions sequentially, executing the first block where the condition evaluates to true. Python also supports

nested conditional statements, where `if`, `elif`, or `else` blocks contain other conditionals for more complex decision-making.

Answer the following questions

1. What is the key difference between `if...else` and `if` statement? 1
2. Why conditional statements are used in Python? 1
3. What do you understand by Nested conditional statements? 1