St. PBN PUBLIC SCHOOL
SAMPLE PAPER (ANNUAL EXAMINATION)
CLASS - VII
Subject – English

Time – 3 Hours   **M.M. – 80**

INSTRUCTIONS

All questions are compulsory.

Read the questions carefully before attempting.

SECTION – A (READING)

Q1. Read the passage carefully and answer the questions that follow: **(5 marks)**

The Earth receives heat from the Sun, but this heat is not distributed equally. Due to this unequal heating, the Earth is divided into three major heat zones. These zones help us understand why different regions experience different climates.

The Torrid Zone lies between the Tropic of Cancer and the Tropic of Capricorn. It receives the Sun's rays directly throughout the year and is the hottest zone. The climate is hot and wet, supporting dense forests and rich wildlife.

The Temperate Zone lies between the Torrid Zone and the Polar regions. It has a moderate climate with warm summers and cool winters. This zone is suitable for farming and human settlement.

The Frigid Zone lies near the North and South Poles. It receives slanting rays of the Sun and remains extremely cold throughout the year.

Why is the Torrid Zone the hottest region on Earth?

Name one feature of the Temperate Zone climate.

Why do few people live in the Frigid Zone?

Which zone is best for agriculture and why?

Assertion–Reason Question

Assertion (A): The Frigid Zone remains very cold throughout the year.

Reason (R): The Sun's rays fall slantingly on this zone.

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.

Q2. Read the poem given below and answer the questions that follow: **(1×5 = 5)**

"Climbing the Hill"

Step by step you climb the way,

Though the path seems long each day.

Stones may hurt and winds may roar,

Still you move and ask for more.

When you slip, don't lose your will,

Every fall makes courage still.

Those who try and never quit,

Reach the top by working bit by bit.

1. What does climbing the hill symbolise?

    a) Travelling

    b) Facing difficulties

    c) Playing games

    d) Running fast

2. What should one do after falling?

    a) Stop trying

    b) Feel ashamed

    c) Continue with courage

    d) Turn back

3. Which quality is encouraged in the poem?

    a) Laziness

    b) Fear

    c) Determination

    d) Greed

4. How does one reach the top?

    a) By luck

    b) By shortcuts

    c) By steady effort

    d) By waiting

Assertion–Reason Question

Assertion (A): Success comes through continuous effort.

Reason (R): The poem shows that determination helps overcome difficulties.

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)

Q3. Fill in the blanks with suitable quantifying determiners: (0.5×6 = 3)

a) There is _____ juice left in the glass. **(little / many / few)**

b) She has _____ books to read this week. **(a few / much / little)**

c) We didn't get _____ information about the event. **(much / many / few)**

d) He spent _____ money on stationery. **(a lot of / few / little)**

e) Are there _____ students absent today? **(any / much / little)**

c) how the keys lost f) Only _____ milk was left in the packet. **(a little / many / several)**

Q4. Choose the correct noun clause: (1×3 = 3)

I don't know _____ he will attend the meeting.

a) when he attends

b) whether he will attend

c) where he attends

She explained _____ the problem was solved.

a) how the problem was solved

b) when the problem solved

c) why solved the problem

Nobody knows _____ lost the keys.

a) who lost the keys

b) why the keys lost

Q5. Rewrite the sentences after correcting the errors: (1×3 = 3)

She is elder than her sister.

I can able to finish this work today.

He prefers coffee than tea.

Q6. Convert the following sentences into passive voice: (0.5×6 = 3)

The mason built the wall.

The teacher has checked the answer sheets.

The guard opened the gate.

The students are decorating the notice board.

The doctor prescribed medicine.

The boys cleaned the playground.

Q7. Convert the following sentences into indirect speech: (1×3 = 3)

i)"I am feeling tired," said Neha.

ii)"Please close the door," requested the teacher.

iii)"Do you know the answer?" asked the boy.

Q8. Identify the error related to concord or sentence structure: (1×3 = 3)

The group of dancers are performing well.

He go to school regularly but do not complete his work.

Neither the teacher nor the students was present.

Q9. Write the meanings of the following phrasal verbs: (2 marks)

A)Look after

B)Give up

C)Turn off

D)Put off

SECTION – C (WRITING)

Q12. You are the Purchase Manager of ABC School. Write a letter to M/s National Stationers, Delhi, placing an order for notebooks, registers, pens, and geometry boxes. Mention quantity, quality, delivery date, and request a discount on bulk purchase. **(7 marks)**

Q13. **Write an article for your school magazine on the topic:** **(7 marks)**

"Importance of Time Management for Students."

Discuss how managing time helps in studies, reduces stress, and improves overall performance. Suggest practical ways students can manage their time better.

Q14. Write a descriptive paragraph on: **(6 marks)**

"A Memorable Visit to a Historical Monument."

Describe the place, its historical importance, what you saw there, and how you felt during the visit.

SECTION – D (LITERATURE)

Q16. Read the lines and answer the following questions: **(1×3 = 3)**

And so he was quiet, & that very night,

As Tom was a-sleeping he had such a sight!

That thousands of sweepers, Dick, Joe, Ned, & Jack,

Were all of them locked up in coffins of black;

a) Name the poem and the poet.

b) Who was Tom and why did he cry one day?

c) Find the rhyming scheme of the stanza.

Q17. Answer the following questions in brief. (Do any four) **(2×4 = 8)**

a) How did Drupada behave with Drona after he ascended the throne?

b) Who was TCP aunty and what was she doing in the router?

c) "Hungry?" said Gopal. Who said this to whom and what change does it show?

d) Describe the struggle of Gunnar and Balto to deliver the medicine to Nome.

f) How did Holmes deduce that Henry Baker was not the real culprit?

g) Why did the revolutionary movement start after Rosa Parks was asked to leave her seat?

Q18. Answer the following questions in detail (Do any four): **(3×4 = 12)**

a) Draw the character sketch of Rosa Parks.

b) Describe how the robbery mystery was solved by Holmes and Watson.

c) Kaspar glorified war in the poem. Are wars the solution to problems? Explain.

d) Describe the role of Balto in delivering the medicine to Nome.

Q19. Case-Based Questions: **(2×2 = 4)**

"Being a friend is not just about having a good time with someone."

What qualities make a good friend?

How can we build and maintain strong friendships?

Q20. Write the meanings of the following words: (0.5×6 = 3)

a) obligingly

b) segregation

c) intimacy

d) scintillating

e) boycott

f) goin'

CLASS – VII MATHEMATICS

SAMPLE PAPER

Time: 2 Hours   **M.M: 80**

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 11 questions each carrying 2 marks.**
- **Part-III contains 8 questions each carrying 3 marks.**
- **Part-IV contains 4 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.   45% = _____

       (a) 45/100   (c) 1/100

       (b) 40/100   (d) 35/100

    ii.   A triangle having all any one angle equal to 90° is known as

       (a) acute angled triangle   (c) right angled triangle

       (b) obtuse angled triangle   (d) equilateral triangle

    iii.   The reciprocal of -1 is

       (a) 1   (c) 2

       (b) -1   (d) -2

    iv.   Express the speed of light $(3 \times 10^8 \text{m/s})$ in the expanded form.

       (a) 3 m/s   (c) 300000000 m/s

       (b) 38000 m/s   (d) 30000 m/s

    v.   The sum of three times a and 8 is 23. Express it in mathematical form.

       (a) a + 8 = 23   (c) a - 8 = 23

       (b) 8 - a = 23   (d) 3a + 8 = 23

vi.   The probability of a sure event is
   (a) 1/2   (b) 0
   (c) 1   (d) 1/3

vii.   If a, b and c are in continued proportion, then b is called the
   (a) third proportional   (c) mean proportional
   (b) fourth proportional   (d) direct proportional

viii.   The total distance covered by the boundary of a closed figure is known as
   (a) area   (c) volume
   (b) perimeter   (d) none

In each of the following questions, an Assertion (A) and a corresponding Reason (R) supporting it are given. Study both the statements and state which of the following option is correct.

ix. **Assertion (A):** $(-1)^3 = -1$

   Reason (R): (-1) raised to any even power is (-1).

   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 terms $2x^2y$, $-4yx^2$, $15x^2y$ are like terms.

   Reason (R): The terms having same variables with same number of powers are called like terms.
   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 11 = 22)**
   i.   Raghav starts from home and goes 56 m due South and then 33 m due East to reach his office. How far is his office from his home?
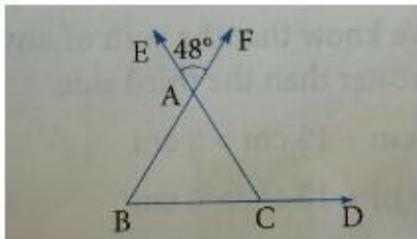
ii. Find the value of n in $7^{2n-2} \div 7^2 = 49^2$

iii. Rahman hired a taxi to visit his uncle. The taxi charges ₹11 per kilometre and levies a fixed charge of ₹150. Write an algebraic expression for the above situation, if he hired the taxi for x km.

iv. Solve $7a + 1 = 22$ using transposition method.

v. A man walks 105 m in a minute. How long will he take to walk 5.6 km?

vi. The height of a parallelogram is five times its base. If the area is 320 cm^2, find the base and height of this parallelogram.

vii. The daily expenses (in ₹) of 20 members of a society are given below:

1200 1350 1300 1150 1200 1250 1350 1300 1200 1350
1300 1200 1250 1250 1350 1200 1350 1250 1300 1350

Make a frequency distribution table for the above data.

viii. The heights of two buildings are 47 m and 35 m, respectively. If the distance between the two buildings is 16 m, find the distance between their tops.

ix. Express $(-6/7) \times (-6/7) \times a \times a \times a \times b \times b \times b \times b$ in exponential form:

x. If $x = -1$ and $y = 2$ and $z = 2$, then find the value of:

$x^2 + y^2 - z^2 + xyz$

xi. Radhika will be 3 times as old as she was 4 years ago after 18 years. Find her present age.

Part –III

Q.3 Solve the following questions: (3 X 8 = 24)

i. A fruit seller purchased 20 kg of apples at a rate of ₹50 per kg. Out of these, 5% of the apples were found to be rotten. He sells the remaining apples at a rate of ₹60 per kg. Find the loss or profit in percentage.

ii. In Δ ABC, AB = AC. Find angle ABC, angle ABC and angle ACD.

iii. Simplify: $(48/17 \div 12/7) \div (63/5 \div 9/20)$

iv. Subtract the sum of a² - 2b² + 5ab and 6a² - 7ab - 9b² from the sum of - 2a² + b² - ab and a² - 4b² + 9ab.

v. Find the value of x, if $(3x -1)/4 + 3 = (2x +1)/4 - 5$.

vi. 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.

vii. A wire is in the shape of a rectangle. Its length is 54 cm and breadth is 28 cm. If the same wire is re-bent in the shape of a square, what will be the measure of each side? Also, find which shape encloses more area.

viii. Find the median of the following data: 22, 65, 38, 47, 96, 82, and 16. If 38 is replaced by 83, what will be the new median?

Part –IV

Q.4 Solve the following questions: **(4 X 4 = 16)**

i. (a) The price of sugar has decreased from 56 per kg to 54 per kg. Find the percentage decrease in price.

(b) Convert the following percentage into ratios.

i. 142%

ii. 57%

ii. (a) Evaluate: 3/8 + (-5)/7.

(b) The sum of two rational numbers is 5/6. If one of the numbers is 4/9, find the other.

iii. Arrange the following in ascending order: $4^{(2+3)}$, $(4^2)^3$, 4×4^2, $4^5 \div 4^3$, $4^3 + 4^2$, $4^5 - 4^0$

iv. (a) The shadow of a 4-m tall tree at a certain time of the day is 5.2 m long. What is the height of another tree whose shadow is 20.8 m long at that time?

(b) Ramesh bought 5 shirts for ₹1250 from a store. Ramesh calculated the unit price as ₹200 per shirt. Is it the correct price? If not, what is the correct unit price?
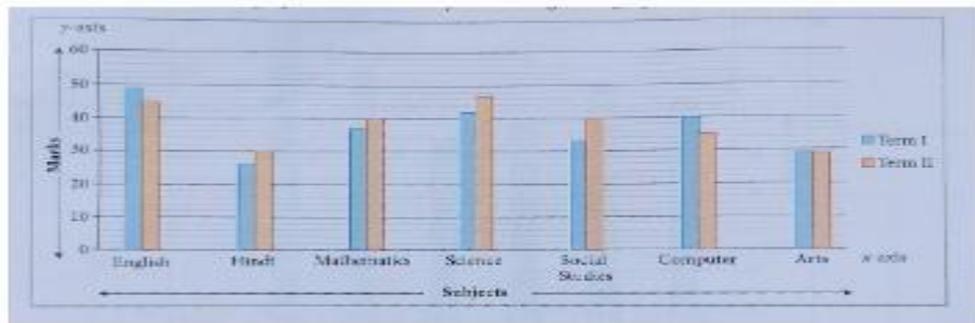
PART - V **(4 X 2 = 8)**

i. While making a mask, Maya removed two circles of radius 3.5 cm each and a rectangle of length 5 cm and breadth 1.5 cm from a circular card of radius 28 cm, as shown in the adjoining figure.

a) Find the perimeter of the given rectangle.

b) Find the area of two small circles.

c) Find the area of remaining card.

d) Which is greater: area of rectangle or perimeter of rectangle?

ii.   Marks obtained by a student in first and second terms using a double bar graph are shown below:

(a) In which subject has the student shown the most improvement?
(b) In which subject the performance of the student has gone down?
(c) In which subject does the performance remain the same?
(d) By how many marks the performance has increased in science?

St. PBN PUBLIC SCHOOL
SAMPLE PAPER (ANNUAL EXAMINATION)
CLASS - VII
COMPUTER

TIME: 3 Hours   **MM: 80**

NAME: _____   **ROLL NO:** _____

General Instructions:
1. All questions are compulsory.
2. Read each question carefully.

Q.1 Tick the correct option   **(1x10=10)**

1. _____refers to the act of stealing and misusing someone's personal information.

   a) Hacking   b) Grooming   c) Bullying

2. By default, the ordered list starts with _____.

   a) A   b) 1   c) a

3. Always _____ if you are not accessing your account after login.

   a) Logout or sign out   b) Email verification   c) sign in

4. Unordered list is also known as the _____ list.

   a) Bulleted   b) Numbered   c) Multilevel

5. The values on which the operators work are known as_____.

   a) Operands   b) Data   c) Numbers

6. Which statement among the following enables the execution of a statement to repeat till the 4

   condition is true?

   a)Conditional   b) Sequential   c) iterative

7. You can take direction from Google Map by pressing the _____ button.

   a) Mic   b) Speaker   c) None of them

8 _____ is an example of NLP application.

   a)Predicting Trends   b) Frauds Detection   c) Alexa

9 Which function finds the largest number in a range?

   a) SUM()   b) COUNT()   c) MAX()

10 Which key combination is used to get the sum of the values of adjacent cells?

   a) Shift + S   b) Ctrl +'   c) Alt +=

Q.2 Fill in the blanks: (1x6=6)
1. Formulas are used to perform_____.
2. _____ is a digital assistant developed by Microsoft.
3. _____ operates evaluate True or False
4. In Python, the flow of execution is altered by the use of the _____ statements.
5. The _____ attributes of the <ol> tag puts the list in the descending order.
6. The two-step authentication for login involves_____.

Q.3 State True or False: (1x6=6)
1. Formulas must begin with question mark(?).
2. Siri is developed by Google.
3. Exponential operator is used to calculate the power of numbers.
4. The <tr> tag must always be present inside the row tag <td>.
5. It is safe to use both strong or weak passwords.
6. NLP does keyword extraction.

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):** A strong password helps in keeping online accounts safe
   Reason (R): A strong password is easy for hackers to guess.

   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 if statement is used for decision-making in Python
   Reason (R): The if statement executes a block of code only when a condition is true
   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):** NLP helps computers understand human language.
   Reason (R): NLP works only with numbers and calculations

   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)Riya is designing a website for her school. She wants the website to be safe for users while entering their login details. What should she check in the website address bar and why?

(ii)Aarav created a password using only his name and birth year. His teacher advised him to improve it. Suggest two changes Aarav should make to create a strong password and explain your answer.

(iii)While creating a marks table in HTML, Neha noticed double borders around each cell. Which CSS property should she use to improve the appearance of the table and how will it help?

(iv)Kabir is creating a webpage that includes important images related to road safety. How can he make sure that users who cannot see the images still understand their purpose?

(v)A programmer is writing a program to check whether a shopkeeper made profit or loss by comparing cost price and selling price. Which decision-making structure should be used and why?

(vi)Meera is working with a large list of students' heights in a spreadsheet. She needs to quickly identify the tallest and shortest student. Which functions should she use and how will they help her?

(vii)An elderly person wants to set reminders, open photos, and check the weather but finds typing difficult. Which technology should be suggested to help them and how does it make computer usage easier?

(viii) During number conversion, a student repeatedly divides a number and records the remainder at each step. Which operator is most suitable for this task and where is it commonly used?

(ix)While creating a list of instructions on a webpage, a student wants the items to appear with round bullet points instead of numbers. Which HTML element should be used and why is it suitable for this purpose?

(x)Priyanka has entered monthly expenses in an Excel sheet. She wants to find the total expense and also know the average spending per month. Which Excel functions should she use and how will these functions help her analyze the data.

Q.6 Answer the following in one word or one sentence.   **(1x5=5)**
1. What is the use of the elif statement in Python?
2. What is Natural Language Processing?

3. What is the use of antivirus software?
4. What is a web browser? Give one example
5. Write two uses of chatbots

Q.7 Answer the following in short- (2x10=20)
1. What is a Formula? Explain with the help of an example.
2. Mention the two components of NLP.
3. List the tasks of NLP.
4. What is the difference between '/' and '//" operator?
5. What are control structures?
6. What is the use of the Definition List?
7. Mention two steps to access social networking sites safely.
8. What is phishing?
9. What is email spoofing.
10. What is cybercrime?

Q.8 Answer the following questions: [Attempt any 5] (3x5=15)
1. What do you know about Absolute References? Explain with the help of example.
2. Define stemming. Give an example.
3. Describe the use of conditional statements. Write the syntax of any one.
4. Distinguish between logical and relational operators.
5. Define the different types of lists supported by HTML.
6. What is cyberbullying? Give some examples of cyberbullying.
7. How are images added in an HTML document? Name any two attributes of the <img> tag.

Q.9 Case study based questions. (5)

Rohan is working on a project where he needs to store and analyze the marks of students in his class using MS Excel. He has entered the marks of all subjects in a worksheet. His teacher asked him to find the total marks, average marks, and the highest score in the class. Rohan also wants to make sure that the data is easy to understand and free from calculation errors.

Questions:
a) Which Excel function should Rohan use to calculate the total marks? (1)
b) Which function will help him find the average marks? (1)
c) Name the function used to find the highest score in the worksheet. (1)
d) How does using Excel functions help reduce calculation errors? (1)
e) Mention one other use of MS Excel in school projects. (1)

Or

Ananya is designing a webpage for her school's annual function. She wants to display the name of the event at the top of the page, show an image of the school building, create a list of programs, and provide a link to the school's official website for more details.

Questions:

a) Which HTML tag should Ananya use to display the event name as a heading? (1)

b) Which tag is used to insert an image on a webpage? (1)

c) Which attribute is used to specify the image file location? (1)

d) Which HTML tag should be used to create a list of programs with bullet points? (1)

e) Which HTML tag is used to create a hyperlink to the school website? (1)

Time: 3 Hours   **MM.80**

GENERAL INSTRUCTIONS:
1. All questions are compulsory.
2. Do as directed.

Q1. Fill in the blanks   **(1x5=5)**

    i)   Benaras, Puri, and Mathura are examples of _____ centers.

    ii)   The_ _____was the group of 12 saints who were devoted to Lord Vishnu.

    iii)   _____ river in the USA drains the prairie region.

    iv)A_____ is an intermediary between a farmer and merchants.

    v) _____ sector offers better healthcare facilities in India.

Q2. Choose the correct option and write in your answer sheet.   **(1x5=5)**

i) Read the following two statements and assess the correct option.
  Assertion(A): Todar Mal was Akbar's revenue minister.

  Reason(R): The Todar Mal bandobast was a crucial method for assessing land revenue.

    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.

ii) The new form of music developed in Bengal is called
    a. Kirtan   c. Bhakti song
    b. Baul   d. Qawali

ii) Wild animal found in Ladakh.
    a. Camels   c. Giraffes
    b. Wild Sheep   d. Bison

iii) A market from where the consumer buys the goods at affordable prices

    a. Weekly Market   c. Wholesale Market
    b. Retailer   d. Mall

iv) Giving special value to a product is called
a.   Advertisement   c.   Marketing
b.   Branding   d.   Retailing

v) The public health centers are established by the
  a. government   d. local people
  b. Anganwadi
  c. individuals

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

    i)   Urdu means 'camp' in the Turkish language.

    ii)   The new Mughal capital Fatehpur Sikri was established by Jahangir.

    iii)   The temperature of air decreases from the equator towards the poles.

    iv)   Health of a country can be improved with the provisions of facilities for mental, physical and social well-being of people.

    v)   Newspaper is a means of personal communication.

Q4. Observe the given figure and answer the following questions- (1+1+1+2)

    i)   Which painting style is visible here?

    ii)   What theme is followed in this painting style?

    iii)   What type of colours were used in this painting style?

    iv)   On what type of monuments will you find such intricate designs?

Q5. Answer the following questions in one word or few words- (1x10=10)

    i)   Who was the author of Akbarnama?

    ii)   Name the centers of Sufi activities.

    iii)   Name any two gharanas of Khathak.

    iv)   Who introduced Chauth and Sardeshmukhi?

    v)   Give one example of local wind.

    vi)   What is the temperature at which condensation takes place known as?

    vii) Name the cheapest means of transport.

    viii) Name the gold capital of the world.

    ix)   Where was the first paid radio advertisement aired?

    x)   Which is the largest exporter of merino wool in the world?

Q6. Answer the following questions in very brief - (2x5=10)

    i) What is the significance of Surat as a trading port during the medieval period?

    ii) Write two features of the Mansabdari system.

    iii) What is a combine harvester?

    iv) Write a short note on media ethics.

    v) Why is Kerala considered the healthiest state of India? (give two reasons)

Q7. Answer the following questions in brief- (3x5=15)

    i)   How did the nomads and the tribal people live?
    ii) What were the common features of the Bhakti movement and the Sufi movement?
    iii) What are erg, reg and hamada?
    iv) Name the three types of rainfall and describe each of them briefly.
    v) How does a weekly market differ from other markets?
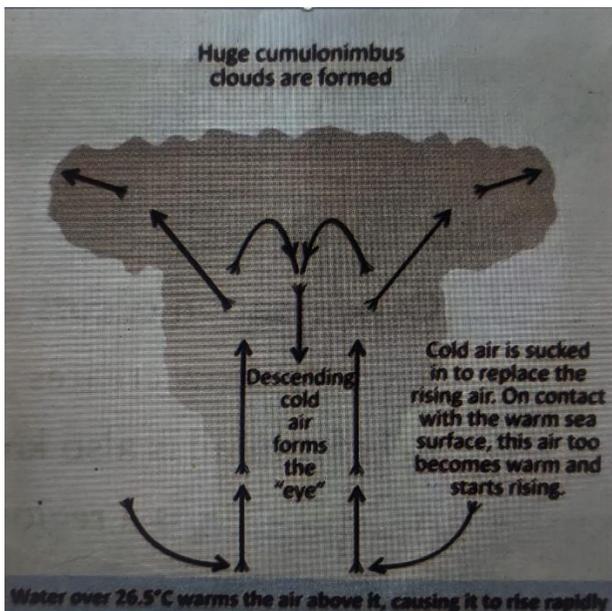
Q8. Answer the following questions in detail- (5X3=15)

i)   Who was Shivaji? Mention the main achievements of Shivaji. (Any three)
                OR
      Describe the occupation and administrative system of Ahoms.

ii)   a) Write the effects of ocean currents. (any three)
       b) Write special features of the Mediterranean forests.
                  OR
       Compare and contrast cattle rearing in the prairies and the veld.

iii)   What are elections? What is the importance of fair elections?
               OR
      What is indirect marketing? How is it different from direct marketing?

Q9. Look at the given image to answer the following questions. (1+2+2)

i)   What type of rainfall is explained in the image above?
ii)   In which two zones are this type of rainfall common?
iii)   Explain the movement and convergence of two air masses in this type of rainfall.

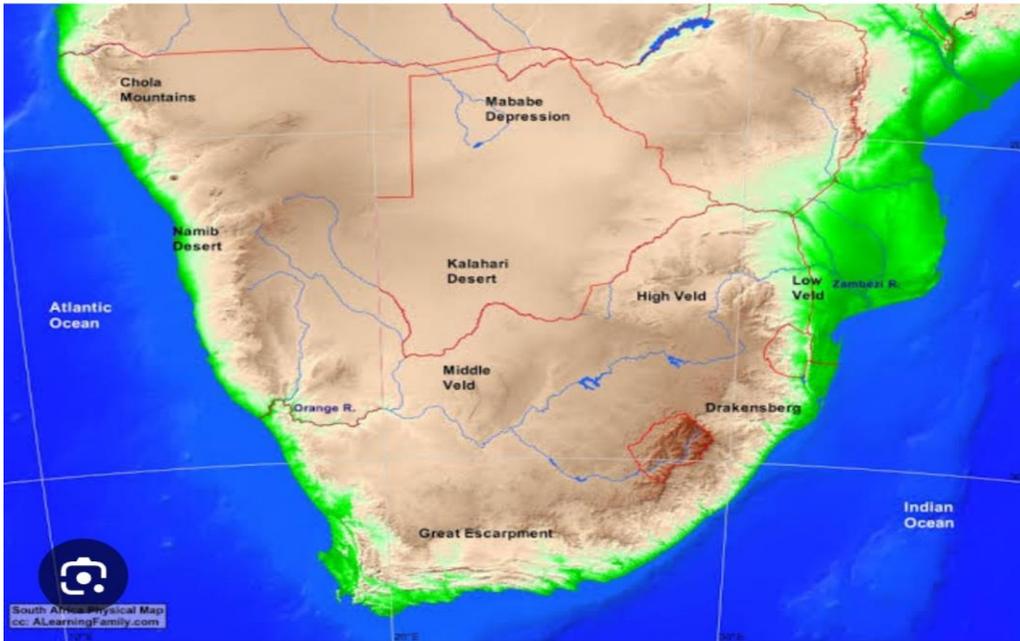Q10 i) On the outline map of India mark the following: (2)

    a) Surat

b) Masulipatnam

c)

ii) Observe the given maps and answer the following questions.   (1+1+1=3)

a) What is the location of veldt?
b) Which desert lies on the east of the veldt?
c) Which important cities are in the veldt?

St. PBN PUBLIC SCHOOL
ANNUAL EXAMINATION
CLASS – VII (2025-26)
SCIENCE (SAMPLE PAPER)

TIME: 3 Hours   **MM-80**
GENERAL INSTRUCTIONS:
   1. **All questions are compulsory.**
   2. **Read each question carefully.**

QI. Choose the correct option and write in your answer sheet: **(1x10=10)**

 1. Which of the following fibre is obtained from the angora goat?

   a) Mohair wool   b) Alpaca wool

   c) Cashmere wool   d) None of the above

2. Which of the following processes is used to clean sheared skin?

   a) Reeling   b) Scouring

   c) Sorting   d) None of the above

3. **What type of thermometer is used to measure body temperature?**

   a) Laboratory thermometer   b) Digital thermometer

   c) Clinical thermometer   d) Weather thermometer

4. Phenolphthalein is a synthetic indicator and its colours in acidic and basic solutions, respectively are

   a) red and blue.   b) blue and red.

   c) pink and colourless.   d) colourless and pink

   5. Give the chemical name of milk of magnesia

   a) Calcium hydroxide   b) Magnesium hydroxide

   c) Ammonium hydroxide   d) Sodium hydroxide

 6. What is a chemical change?

   a) A change where the shape and size of the substances changes

   b) A change where one or more new substances are formed

c) A change that is reversible

d) A change in which no new substances are formed

7. What is the main function of the heart?

   a) Pumping food through the body   b) Pumping blood through the body

   c) Absorbing oxygen from the lungs   d) Producing energy

8. What are forests called due to their role in balancing gases?

   a) Earth's heart   b) Nature's lungs

   c) Greenhouse   d) Oxygen reserve

The question below consists of an Assertion and a Reason. Use the following key to choose the appropriate answer
(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.

9. **Assertion (A) :** Wool is a natural fibre
   Reason (R) : Wool is obtained from animals like sheep, llama and goats.
10. **Assertion (A): Vegetative propagation is a method of asexual reproduction.**
   Reason (R): **It involves the formation of new plants from stems, roots, or leaves of the parent plant.**

Q II. Answer in one word/sentence   **(1x4=4)**
   1. Give two examples of synthetic fibres
   2. Covert the following as directed.
      a) 50°C into °F   b) 45°F into °C
   3. A natural indicator extracted from lichens which turns blue in base and red in acid.
   4. What is the direction of flow of electric current in an electric circuit?

Q III. Answer the following questions in 30-40 words   **(2x5=10)**
   1. Name the two species of camel from which wool can be obtained.
   2. How do plants excrete waste products?
   3. What is vegetative propagation? Give an example.
   4. How will the image of the word 'SCIENCE' appear in plane mirror? Give reason for the answer.
   5. How can the large-scale cutting of trees affect rainfall in an area? Give reasons to support your answer.

Q IV. Answer the following questions in 50-60 words
                                                  (3x7=21)
   1. While diluting an acid, why is it advised to add the acid to water and not vice versa?
   2. How can we prevent the browning of fruits and vegetables? State a few ways.

3. How is respiration in animals different from respiration in plants?

4. Write the differences between: a) Regular and irregular reflection   b) Converging and diverging mirrors   c) Concave and convex lenses

5. How is the image formed in a plane mirror? List three characteristics of the image.

6. How much energy is used for boiling water in a 2 kW kettle for 10 minutes? Calculate it in Watt-hour. [1 kW = 1000 W]

7. What are the effects of deforestation on the environment?

Q V. Answer the following questions in detail.   **(5x3=15)**
1.Hill stations are cooler than plain areas. Why?

2. Some flowers are pollinated through insects for what reasons do insects visit flowers? How do insects help in pollination?

3. Give reasons for the following: a) Clarified water contains chlorine.   b) Throwing of polythene on roads can lead to serious problems.   c) Human or animal excreta should be disposed of properly.

QVI. Value based question   **(3)**

For setting curd, a small amount of curd is added to warm milk. The microbes present in the curd help in setting if the temperature of the mixture remains approximately between 35°C to 40°C. At places where room temperature remains much below the range, setting of curd becomes difficult.

Q.1 Why is a small amount of curd added to warm milk?

Q.2 What is the suitable temperature range for setting curd?

Q.3 Does curd set easily at very low room temperatures? (Yes/No)

QVII. HOTS based question   **(3)**

1.Boojho's uncle was hospitalised and put on dialysis after a severe infection in both of his kidneys.
(a) What is dialysis?
(b) When does it become necessary to take such a treatment?

Q VIII. Case study   **(4x2=8)**

The following questions are case -based questions. Read the paragraph and answer the questions that follows

1.Ritu had an upset stomach and her mother gave her an antacid. After some time, she felt relief. Her teacher explained that antacids help to reduce excess acid in the stomach.

Answer the following:

a) What type of substance is an antacid?
b) Which acid is present in the stomach?
c) How does an antacid help in digestion?
d) Name one commonly used antacid.

2. Animals in a forest depend on plants either directly or indirectly for food. Grass is eaten by deer, and deer are eaten by lions. This shows the interdependence of living organisms.

a) What is this relationship between organisms called?
b) Name the producer in this case.
c) Name the herbivore mentioned.
d) What will happen if plants disappear from forests?

Q IX. Diagram based questions.   **(3x2=6)**
  1. Draw a well labelled diagram of conditions necessary for rusting of iron.
2. Draw a well-labelled diagram showing the reflection of light from a plane mirror.

वार्षिक परीक्षा
कक्षा सातवीं
विषय संस्कृत

अवधि **3** घंटे   अधिकतम अंक **80**

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

प्रश्न1. निर्देशानुसार उत्तरत | (1x10=10)

1. दृष्टिगोचरं शब्द का अर्थ है-
   i) स्पष्ट दिखाना   ii) स्पष्ट दिखना

2. मलिनम शब्द का अर्थ है-
   i) मल-मूत्र   ii) गंदा

3. गत्वा शब्द का अर्थ है -
   i) जाकर   ii) गाकर

4. करण्डके शब्द का अर्थ है-
   i) अचार   ii) टोकरी में

5. निक्षिप्य शब्द का अर्थ है-
   i) देखकर   ii) फेंककर

6.राज +ऋषि का सन्धि शब्द होगा -
   i) राजऋषि   ii) राजर्षि

7.भक्षण+अर्थं   का संधि शब्द होगा -
   i) भक्षनार्थं   ii) भक्षणार्थं

8. नानृतम् शब्द का संधि विच्छेद होगा -
   i) न +अनृतम्   ii) ना + नृतम्

9. अत्रान्तरे का संधि विच्छेद होगा -
   i) अत्र + आन्तरे   ii) अत्र + अन्तरे

10 निजः शब्द का विलोम शब्द होगा-
   i) परः
   ii) कृशः

प्रश्न 2. संधि व सन्धिविच्छेदम कुरुत |
(2)

i.   अति + आवश्यकं ,तत +धनं

ii.   स्वर्गादपि ,जन्मभूमिश्च

प्रश्न 3. शब्दार्थाः लिखत |
(2.5)

    उपशमनं ,दुर्भिक्षे, वारः ,मनोज्ञा ,पुण्य

प्रश्न 4.प्रकृति प्रत्यय विभागं कुरुत |
(4)

        हसित्वा ,खेलितुम ,विज्ञाय ,निर्गम्य

प्रश्न 5. निर्देशानुसारेण लकार परिवर्तनं कुरुत |
(4)

i.   ते भ्रमणाय बही गच्छेयुः   (लङ् लकारे)

ii.   अहम् मित्रं सह गच्छामि   (लृट् लकारे)

iii.   त्वं पठसि   (विधिलिङ् लकारे)

iv.   सा कुत्र अगच्छः   (लोट् लकारे)

प्रश्न 6. निम्नलिखित अवय्यपदानि स्व वाक्यं प्रयोगं कुरुत |
        (4)

        तर्हि ,च ,तत्र ,तु

प्रश्न 7 . शुद्धं कुरुत |
        (3)

i.   तौ विद्यालयात् कदा आगच्छसि ?

ii.   जनाः यत्र तत्र भ्रमेत |

iii.   अहम् त्वया सः चलिष्यतः|

प्रश्न.8 निम्नलिखित श्लोक को मंजूषा में दिए गये शब्दों से पूरा कीजिए |
        (2.5)

{ ललिता ,कठिना ,सुबोधा ,रमणीया संस्कृतभाषा }

सुरस -----विश्वमनोज्ञा

-------हृद्या ,--------

अमृतवाणी ---------

नैव क्लिष्टा न च ------

प्रश्न 9. पूर्णवाक्येन उत्तरत । (5)

I.   कया सर्वेषां रक्षा भवति ?

II.   छात्राणां किम् कर्तव्यम् अस्ति ?

III. भृत्यः मुखं केन लिम्पति ?

IV.   शशकः मार्गे किम् अपश्यत् ?

V.   पादपाः कीदृशाः आसन्   ?

प्रश्न 10. निम्नलिखित पदों का परिचय दीजिए । (4)

दिवसे , शशकान्

प्रश्न 11. संस्कृत में अनुवाद कीजिए । (5)

I.   हम सिनेमा देखने जाएँगे ।

II.   चंदन चंद्रमा से ठंडा होता है।

III. एक बार राजा जंगल में गया।

IV.   बच्चों को देखकर पिता प्रसन्न हुआ ।

V.   तुम्हें व्यर्थ नहीं बोलना चाहिए |

प्रश्न 12. हिंदी अनुवाद कीजिए। (4)

सत्यं ब्रूयात् प्रियं ब्रूयात् , न ब्रूयात् सत्यमप्रियम् ।

प्रियं च नानृतं ब्रूयात् , एष: धर्म: सनातन: ।।

प्रश्न13. पितृ शब्द रूप की प्रथमा, द्वितीया, तृतीया एवं चतुर्थी विभक्ति लिखिए।
(6)

प्रश्न14. अस्मत शब्द की चतुर्थी, पंचमी, षष्ठी, सप्तमी विभक्ति लिखिए।
(6)

प्रश्न15. मातृ शब्द रुप की द्वितीया, तृतीया विभक्ति लिखिए।
(3)

प्रश्न16. दा धातु लङ् लकार में, भू धातु लोट् लकार में, नम् धातु लट् लकार में लिखिए ।
(9)

प्रश्न 17.गम धातु लृट लकार प्रथम एवं उत्तम पुरुष में लिखिए।
(3)

प्रश्न 18.भू धातु विधिलिंग लकार मध्यम एवं उत्तम पुरुष में लिखिए ।
(3)

वार्षिक परीक्षा

कक्षा : सातवीं

हिंदी

समय : 3 घंटे   अंक : 80

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) कोष्ठक में दिए सर्वनाम का सही रूप रिक्त स्थान में लिखिए।

आप _____ मिलना चाहते हैं?   (कौन)

(ii) 'गली का पहला घर हमारा है- वाक्य में विशेषण एवं विशेष्य बताइए।

(iii) 'इतिहास' का सही विशेषण चुनिए।

(क) इतिहासिक

(ख) ऐतिहासिक

(ग) ऐतीहासिक

(iv) किसान ने खेत जोता। इसने बीज बोए। वाक्यों को पूर्वकालिन क्रिया का प्रयोग करके जोड़िए।

(v) उपयुक्त वाक्य का काल बताइए- वह ठीक से दौड़ नहीं पाया।

(vi) वह _____ व्यायाम करता है। रिक्त स्थान में उपयुक्त क्रिया विशेषण लिखिए।

(vii) डॉ॰ अब्दुल कलाम प्रसिद्ध वैज्ञानिक थे। वाक्य में प्रयुक्त विराम चिह्नों के नाम लिखिए ।

(क) पूर्ण विराम

(ख) लाघव, पूर्ण विराम

(ग) विस्मयादिबोधक

(viii) 'उफ़ कितनी गरमी है'- वाक्य में उपयुक्त स्थान पर विराम चिन्ह लगाइए।

(ix) वाक्य शुद्ध करके पुनः लिखिए- 'दूल्हे के लिए एक फूल की माला लाओ'।

(x) 'दुख' शब्द के दो पर्यायवाची लिखिए।

(xi) 'न्याय' और 'उचित' के विलोम शब्द लिखिए।

(xii) जो सराहना के योग्य हो- वाक्यांश के लिए एक शब्द लिखिए।

(xiii) 'सुर' के अनेकार्थक शब्द लिखिए।

(xiv) 'नीर' और 'नीड़' के समश्रुत भिन्नार्थक शब्द लिखिए।

(xv) 'एड़ी -चोटी का ज़ोर लगाना' मुहावरे का अर्थ लिखकर वाक्य में प्रयोग करें।

(xvi) 'भाग जाना' के लिए उपयुक्त मुहावरा लिखिए।

(xvii) 'पाँचों अँगुलियाँ बराबर नहीं होती'- लोकोक्ति का अर्थ लिखिए।

(xviii) विशेषण किसे कहते है?

(xix) निम्नलिखित कथन और कारण को ध्यानपूर्वक पढ़िए। तत्पश्चात नीचे दिए विकल्पों में से उचित विकल्प चुनकर उत्तर लिखिए।

कथन (**A**): जिन अव्यय शब्दों से हर्ष, शोक, विस्मय, भय, घृणा आदि का बोध हो उन्हें 'विस्मयादिबोधक अव्यय कहते हैं।

कारण (**R**): इन शब्दों के बाद ! चिन्ह लगता है।

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

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

(xx) कथन (**A**): कहने वाले, सुनने वाले या किसी तीसरे व्यक्ति के लिए प्रयुक्त सर्वनाम 'पुरुषवाचक सर्वनाम' होता है।

कारण (**R**): उत्तम पुरुष, मध्य पुरुष और अन्य पुरुष पुरुषवाचक सर्वनाम के उदाहरण 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 गद्याश को पढ़कर पूछे गए प्रश्नों के उत्तर सही विकल्प चुन कर दीजिए। (1×5=5)

एक जंगल में परिजात का एक पेड़ था। परिजात का कोई मुकाबला नहीं था। उसकी सुंदरता बेजोड़ थी। उसका रंग-रूप निराला था। परिजात को भी अपने गुणों का पूरा-पूरा पता था। नीले आसमान में सिर उठाए इस शान से खड़ा रहता, मानों पेड़ों का सरताज हो। जब बहार के दिन आते तो परिजात अनगिनत नन्हें-नन्हें फूलों से लद जाता, लगता मानों किसी ने आकाश से सारे तारे तोड़कर परिजात की शाखाओं पर टाँक दिए हों । नन्हें फूलों से झिलमिलाता परिजात जब सुगंध भरी पराग जंगल में बिखेरता तो जंगल नंदन बन जाता। चुंबक की तरह परिजात सबको अपनी तरफ़ खींचता, जिसे देखो, वही परिजात की तरफ़ भागता । सतरंगी शालें ओढ़े चटकीली तितलियाँ सहेलियों के साथ झुंड का झुंड बनाकर परिजात का श्रृंगार देखने आतीं तथा जाते-जाते फूलों को खींचकर ढेरों पराग अपने साथ ले जाती।

(क) जंगल में किसका पेड़ था?

(i) नीम   (iii) पीपल

(ii) परिजात

(ख) परिजात अपने आप को क्या समझता था?

(i) पेड़ों का सरताज   (iii) ईश्वर

(ii) पेड़ों का दास

(ग) वह अनगिनत फूलों से कब लद जाता था?

(i) बहार में   (iii) वर्षा में

(ii) पतझड़ में

(घ) तितलियाँ क्या करती थीं?

(i) उसके फूलों का पराग ले जाती थीं   (iii) डालों पर गाना गाती थीं

(ii) फूल ले जाती थीं

(ङ) जब परिजात सुगंध भरी पराग जंगल में बिखेरता तो जंगल कैसा बन जाता?

(i) जंगल नंदन बन जाता   (iii) जंगल उपवन बन जाता

(ii) जंगल स्वर्ग बन जाता

प्रश्न 3: निम्नलिखित काव्यांश को पढ़कर पूछे गए प्रश्नों के उत्तर सही विकल्प चुन कर दीजिए।   (1×5=5)

मौसम आज पतंगों का है,
नभ में राज पतंगों का है।
इंद्रधनुष के रंगों का है।
मौसम नई उमंगों का है।
निकले सब ले डोर-पतंगें,
उड़ा रहे कर शोर पतंगें।
देखों चारों ओर पतंगें।

(क) कौन-सा मौसम आया है?

(i) वसंत   (iii) पंद्रह अगस्त

(ii) पतंगों का

(ख) आकाश में किन रंगों की पतंग है?

(i) लाल, पीली, नीली   (iii) सभी रंगों की

(ii) सात रंगों की

(ग) सबके हृदय में कैसा भाव है?

(i) प्रसन्नता का   (iii) जीत का

(ii) उत्सव मनाने का

(घ) पद्यांश का उचित शीर्षक है

(i) पतंगें।   (iii) इंद्रधनुष के रंग

(ii) पतंगों का मौसम

(ङ) लोग पतंगें कैसे उड़ा रहे हैं?

(i) शोर करके   (iii) हँसी-खुशी

(ii) मजे लेकर

भाग ख

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

जिस समय उन्होंने शासन की बागडोर सँभाली थी, राज्य में बहुत अशांति थी। चोर, डाकू आदि के उपद्रव से लोग तंग थे। उन्होंने घोषणा की- 'जो वीर इन उपद्रवी लोगों को काबू में ले आएगा, उनके साथ मैं अपनी लड़की मुक्ताबाई का विवाह कर दूँगी।' इस घोषणा को सुनकर यशवंत राव फणसे नामक युवक ने यह चुनौती स्वीकार की। पूरे जी- जान से वे जुट गए और थोड़े समय में ही सारे राज्य में शांति की स्थापना कर दी। महारानी ने बड़ी धूमधाम से मुक्ताबाई का विवाह यशवंत राय फणसे से कर दिया। उन्होंने शांति स्थापित होते ही पूरा ध्यान व्यापार- व्यवसाय और कला- कौशल की उन्नति की और लगा दिया। नर्मदा के किनारे महेश्वरी उनकी राजधानी थी। वहाँ तरह- तरह के कारीगर आने लगे और जल्दी ही वस्त्र- निर्माण का वह सुंदर केंद्र बन गया।

(क) गद्यांश में 'उन्होंने' किसके लिए प्रयुक्त किया गया है?

(i) अहिल्या बाई होलकर के लिए

(ii) सरोजनी नायडू के लिए

(iii) झांसी की रानी के लिए

(ख) अहिल्या बाई की पुत्री का क्या नाम था?

(i) शांतिबाई   (iii) मुक्ताबाई

(ii) लक्ष्मीबाई

(ग) घोषणा सुनकर किसने यह चुनौती स्वीकार की?

(i) यशवंत राव फणसे ने   (iii) महेंद्र राव फणसे ने

(ii) सुधीर राव फणसे ने

(घ) महेश्वरी की राजधानी कहाँ थी?

(i) गंगा के किनारे   (iii) नर्मदा के किनारे

(ii) यमुना के किनारे

(ङ) महेश्वरी की राजधानी में कौन आने लगे?

(i) तरह- तरह के कारीगर   (iii) तरह- तरह के व्यापारी

(ii) तरह- तरह के नृतक

प्रश्न 5 निम्नलिखित काव्यांश को पढ़कर पूछे गए प्रश्नों के उत्तर सही विकल्प चुनकर दीजिए। (1×5=5)

जो निर्धनों की कौड़ियों से बन रहा धनवान है,

जो निर्बलों को कुचलकर कहला रहा बलवान है,

जो वंचना कर, ढोंग रच अपना दिखाता ज्ञान है,

जो दीन- दुर्बल आश्रितों पर झाड़ता निज शान है,

जिसको न निज गौरव तथा निज देश का अभिमान है,

वह नर नहीं, नर- पशु निरा है और मृतक समान है।

(क) प्रस्तुत पंक्तियाँ किस कविता से ली गई है?

(i) आत्माभिमान   (ii) आत्मबल

(iii) आत्म गौरव

(ख) वंचना शब्द का क्या अर्थ है?

    (i) वंदना करना   (iii) धोखा या छल

    (ii) वेदना करना

(ग) व्यक्ति निर्बलों को कुचलकर क्या कहलाता है?

    (i) धनवान   (iii) बलवान

    (ii) अभिमानी

(घ) व्यक्ति किन पर शान झाड़ता है?

    (i) पशुओं पर

    (ii) निर्धनों पर

    (iii) दीन- दुर्बल और आश्रितों पर

(ङ) जिस व्यक्ति को देश पर अभिमान नहीं है वह व्यक्ति किसके समान है?

    (i) नर- पशु और मृतक के सामान

    (ii) देश भक्त के समान

    (iii) बलवान और धनवान

प्रश्न 6. निम्नलिखित प्रश्नों के उत्तर 30 से 40 शब्दों में दीजिए| (3×4=12)

(क) प्रजा की सुख- शांति के लिए अहिल्याबाई ने क्या- क्या किया?

(ख) रामधन मिश्र ने यह क्यों कहा –"इसे कहते हैं न्याय"।

(ग) अटल के पिता ने अटल के व्यवहार को सही कैसे ठहराया?

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

प्रश्न 7. निम्नलिखित प्रश्नों के उतर दीजिए।   (2×4=8)

(क) भेड़िए ने बकरी के सामने क्या प्रस्ताव रखा?

(ख) पंच को 'परमेश्वर' क्यों कहा जाता है?

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

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

प्रश्न 8. निम्नलिखित प्रश्नों के संक्षिप्त उत्तर दीजिए।   (1×5=5)

    (क) बाड़े में रहना किसे पसंद नहीं आया और क्यों?

    (ख) आज भी नारी को किस प्रकार की लड़ाई लड़नी पड़ रही है?

    (ग) कवि ने ऐसा क्यों कहा- "आसमान पर घोड़ा था"।

    (घ) समझू ने जुम्मन को क्या सोचकर पंच चुना?

    (ङ) विद्यार्थियों के लिए अध्यापिका का क्या आदेश था?

प्रश्न 9. निम्नलिखित प्रश्नों में से किन्ही एक का उत्तर 40 से 50 शब्दों में दीजिए। (5)

(क) बकरी के मर जाने पर तोता क्यों मुसकराया?

अथवा

(ख) अहिल्याबाई के जीवन से आज के शासक और महिलाएँ क्या सीख ले सकती हैं?

भाग ग

प्रश्न 10: निम्नलिखित में से किसी एक विषय पर अनुच्छेद लिखिए। (5)
  (क) क्रिकेट मैच का आँखों देखा हाल
  (ख) बाढ़ का आँखों देखा हाल
  (ग) मेरा जीवन लक्ष्य

प्रश्न 11: निम्नलिखित में से किसी एक विषय पर पत्र लिखिए । (5)
  (क) कक्षा में प्रथम आने पर मित्र को बधाई पत्र लिखें।

अथवा

(ख) अपनी पढ़ाई की जानकारी देते हुए पिताजी को पत्र लिखें।