

**St. PBN PUBLIC SCHOOL, GURUGRAM**  
**UNIT TEST- I**  
**CLASS - VII**  
**SUBJECT - 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)**

English has evolved into a global language, playing a crucial role in international communication, business, education, and cultural exchange. Its widespread usage has made it the lingua franca of the modern world, facilitating interactions among people from diverse linguistic backgrounds.

One of the primary reasons for English's status as an international language is its historical legacy. The British Empire's expansion and colonization spread the English language to various parts of the world, creating a linguistic legacy that endures to this day. Additionally, the influence of the United States as a global economic and cultural powerhouse has further solidified English's international status.

In the realm of business and commerce, English serves as the preferred language for international trade, negotiations, and collaborations. Multinational companies and organizations conduct their operations in English to ensure effective communication across borders and cultures.

In the field of education, English has become the language of instruction in many countries, particularly for subjects like science, technology, and higher education. Proficiency in English opens up opportunities for individuals to access a wealth of knowledge and resources globally.

Moreover, English plays a vital role in cultural exchange and mutual understanding. Literature, films, music, and digital media produced in English reach a global audience, fostering cross-cultural dialogue and appreciation.

Despite its advantages, the dominance of English as an international language also raises concerns about linguistic diversity and equality. Efforts are ongoing to promote multilingualism and preserve indigenous languages while recognizing the practical necessity of English as a tool for global communication.

In conclusion, English's status as an international language reflects the interconnectedness of the modern world and underscores the importance of effective communication in global interactions.

**Now, answer the following questions carefully :**

- a) What factors contributed to English becoming an international language?
- b) How does English facilitate business and commerce on a global scale?
- c) What role does English play in the field of education, according to the passage?
- d) Why is there ongoing discussion about the dominance of English as an international language?

**e) Assertion and Reason Question:**

**Assertion:** English is considered an international language due to historical legacy and global economic influence.

**Reason:** The passage mentions the expansion of the British Empire and the influence of the United States as factors contributing to English's international status, especially in business and education.

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

**Never Give Up**

When challenges loom and skies are gray,

Remember, dear heart, it's just one day.

With courage as your guiding light,

You'll find the strength to win the fight.

When dreams seem distant, almost out of sight,

Hold on tight, don't yield to fright.

For every setback, a lesson to learn,  
Every stumble, a chance to discern.

The road may be rugged, filled with thorns,  
But perseverance triumphs, new hope adorns.  
With determination as your steadfast friend,  
Every obstacle, you'll eventually mend.

So never give up, though the journey be long,  
Your spirit resilient, your willpower strong.  
For in every challenge, lies a hidden way,  
To discover your courage, come what may.

**Now, answer the following questions:**

- a) What is the central message of the poem "Never Give Up"?
- b) How does the poem describe facing challenges?
- c) What role does determination play in overcoming obstacles, according to the poem?
- d) How does the poem inspire resilience and perseverance?

**e) Assertion and Reason Question:**

**Assertion:** The poem emphasizes the importance of resilience and determination in facing challenges.

**Reason:** It portrays challenges as opportunities to learn and grow, urging readers to never give up on their dreams.

**Choose the correct option:**

- A) Both the assertion and reason are true, and the reason is the correct explanation of the assertion.
- B) Both the assertion and reason are true, but the reason is not the correct explanation of the assertion.

C) The assertion is true, but the reason is false.

D) Both the assertion and reason are false.

### SECTION-B ( GRAMMAR)

**Q3. Rewrite these jumbled words to frame meaningful sentences.**

**(1X3=3)**

a) were companions we our in boyhood.

b) goldsmith the paid was handsomely

c) scriptures needed lots are of teach bird foolish this

**Q4. Underline the independent clause and circle the dependent clause in the following sentences.**

**(1X4=4)**

a) She went to the store , after she finished her homework .

b) The team won the championship , because they trained hard all season.

c) He couldn't attend the meeting since he was feeling unwell .

d) Sarah will join us for dinner if she finishes her work on time .

**Q5. Fill in the blank with correct determiners.**

**(0.5x8=4)**

a) I saw \_\_\_\_\_ beautiful kite in the sky yesterday. (Indefinite article)

b) Can you give me \_\_\_\_\_ book, please? (Demonstrative determiner)

c) \_\_\_\_\_ protestors walked across the street. (Definite article)

d) They need to buy \_\_\_\_\_ dog strap from the store. (Indefinite determiner)

e) My brother has given \_\_\_\_\_ book to a needy boy. (Possessive determiner)

f) \_\_\_\_\_ teddy on the shelf is very cute. (Distributive determiner)

g) This park has \_\_\_\_\_ apple trees than that one . (Comparative determiner)

h) Have you seen \_\_\_\_\_ pencil anywhere? (Possessive determiner)

**Q6. Fill in the blanks with correct pronoun.**

**(1X4=4)**

a) \_\_\_\_\_ is going to the market to buy some fruits.

b) Can you pass \_\_\_\_\_ the book on the table, please?

c) They couldn't find \_\_\_\_\_ way back in the dark.

d)\_\_\_\_\_ will be presenting the project at the conference tomorrow.

### SECTION-C( WRITING)

**Q8. Write a detailed biography of Bhim Rao Ambedkar using the following hints: (100-150 words) (5)**

#### **Biography of Bhim Rao Ambedkar - Tabular Format**

<b>Aspect</b>	<b>Details</b>
<b>Full Name</b>	<b>Bhim Rao Ambedkar</b>
<b>Birth Date</b>	<b>- April 14, 1891</b>
<b>Birthplace</b>	<b>- Mhow, Madhya Pradesh, India</b>
<b>Family Background</b>	<b>- Born into a Dalit family; faced discrimination and social stigma</b>
<b>Education</b>	<b>- Completed his education in India and later studied abroad</b>
<b>Contributions</b>	<b>- Fought against caste discrimination and advocated for Dalit rights - Played a key role in drafting the Indian Constitution - Championed social justice, equality, and education for all</b>
<b>Achievements</b>	<b>- First Law Minister of independent India - Awarded Bharat Ratna, India's highest civilian award</b>
<b>Legacy reformer</b>	<b>-Remembered as the architect of India's Constitution and a social reformer  -His teachings and ideas continue to inspire generations</b>

**Q9. "Your school is organizing a tree plantation drive on World Environment Day. Write a notice to inform all students about the event. Include details such as the date, time, venue, and instructions for participation." (4)**

**Q10. Draft a letter to the editor of a national newspaper discussing the importance of mental health awareness in schools. Share your thoughts on how schools can promote mental well-being among students and the role of parents and communities in supporting mental health initiatives.**

## SECTION- D (LITERATURE)

**Q11. Read the extract and answer the question-**

**(2X3= 6)**

With monstrous head and sickening cry

And ears like errant wings,

The devil's walking parody

On all four –footed things.

**a) Name the poem and the poet.**

**b) Describe the appearance of the Donkey.**

**c) What figure of speech is used in the first two lines of the poem.**

**Q12. Answer the following questions. (Attempt any three)**

**(2X3=6)**

a) Who is referred to through the expression 'ancient crooked will' and why is he referred to as 'fools'?

b) What promise had Draupada promised Drona?

c) What was the 'show of indiscipline'? How was that taken care of?

d) Why did the king order his attendant to 'pull the ears of the critic'?

**Q13 Explain how 'the gilded cage' is a metaphor of school?**

**(1X3=3)**

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**Q14. Case Based Question:-**

**(1X2=2)**

**"The bird died. When? No one noticed.**

a) The bird died in the end. How does the caged bird's confinement in a "prison of gold" reason for bird's death? How does it reflect the theme of freedom versus restriction in the story?

b) What lessons do you learn from the story?

**Q15. Word/ Meanings :-**

**(0.5X6=3)**

(i) chisel (ii) clamped (iii) monstrous (iv) deride (v) presumption

(vi) acquaintance

सेंट° पी° बी° एन° पब्लिक स्कूल ,गुरुग्राम  
इकाई परीक्षा - I (2024-25)  
आदर्श प्रश्नों पत्र  
कक्षा : साँतवीं  
विषय : हिंदी

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) ह्रस्व स्वर कौन-कौन से हैं?
- (ii) र्+अ+क्+ष्+अ+क+अ वर्णों को जोड़कर शब्द लिखिए।
- (iii) ऊष्म व्यंजन लिखिए।
- (iv) 'क्षुधा' शब्द के वर्ण पृथक्-पृथक्
- (v) निम्नलिखित कथन और कारण को ध्यानपूर्वक पढ़िए। तत्पश्चात नीचे दिए विकल्पों में से उचित विकल्प चुनकर उत्तर लिखिए।  
कथन (A) सूर्य, चंद्र, अग्नि और सर्प तत्सम शब्द हैं।  
कारण (R) जो शब्द संस्कृत से बिना रूप बदले ज्यों के त्यों हिंदी में प्रयोग होते हैं उन्हें तत्सम शब्द 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 सही हैं किंतु कारण (R) कथन (A) की सही व्याख्या नहीं करता।  
(घ) (R) कथन (A) की सही व्याख्या करता है
- (vi) दो शब्दों के मेल से बने शब्द क्या कहलाते हैं?
- (vii) 'सप्त' और 'मीत' का तद्भव शब्द लिखो।
- (viii) 'बच्चा' और 'मनुष्य' की भाववाचक संज्ञा लिखें।
- (ix) \_\_\_\_\_ से मत खेलो, कपड़े गीले हो जाएँगे। रिक्त स्थान में द्रव्यवाचक संज्ञा भरो।
- (x) निम्नलिखित कथन और कारण को ध्यानपूर्वक पढ़िए। तत्पश्चात नीचे दिए विकल्पों में से उचित विकल्प चुनकर उत्तर लिखिए।  
कथन A मोरनी शब्द में 'नी' प्रत्यय है।

कारण R प्रत्यय वो शब्दांश होते हैं जो किसी भी शब्द के प्रारंभ में लहकर उसके अर्थ में परिवर्तन ला देते 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 सही हैं किंतु कारण (R) कथन (A) की सही व्याख्या नहीं करता।

(घ) कथन (A) और कारण (R) दोनों सही हैं तथा कारण (R) कथन (A) की सही व्याख्या करता है।

(xi) 'कमल' के दो पर्यायवाची शब्द लिखो।

(xii) दिवस, वार वासर किसके पर्यायवाची शब्द है।

(xiii) 'योग' और 'उपस्थित' के विलोम सब लिखो।

(xiv) जो सात दिन में एक बार हो के लिए एक शब्द लिखो।

(xv) 'विजय' और 'अत्याचार' के उपसर्ग एवं मूल शब्द अलग-अलग कीजिए।

(xvi) 'मोरनी' और 'सातवाँ' शब्दों से प्रत्यय अलग कीजिए।

(xvii) दीप+आवली और भोजन+आलय की संधि कीजिए।

(xviii) 'दयानंद' और 'रवीश' की संधि विच्छेद कीजिए।

(xix) 'आँखें खुलना' मुहावरे का अर्थ लिखो।

(xx) धोखा देना के लिए उपयुक्त मुहावरा लिखो।

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

जब मनुष्य जंगली था, उसे नाखून की जरूरत थी। उसकी जीवन रक्षा के लिए नाखून बहुत ज़रूरी थे। असल में वही उसके अस्त्र थे। दाँत भी थे पर नाखून के बाद ही उसका स्थान था। अब उन दिनों उसे मुसीबतों से जूझने पड़ता था। नाखून उसके लिए आवश्यक अंग था। फिर धीरे धीरे वह अपने अंग से बाहर की वस्तुओं का सहारा लेने लगा। पत्थरो और पेड़ की डाले काम में लाने लगा। मनुष्य और आगे बढ़ा, उसने धातु के हथियार बनाए। जिसके पास लोहे के अस्त्र और शस्त्र थे वो विजयी हुए। इतिहास आगे बढ़ा, नक धरा मनुष्य अब एटम बम पर भरोसा करके आगे की ओर चल पड़ा। पर उसकी नाखून अब भी बढ़ रहे हैं। अब भी प्राकृति मनुष्यों को उसने भीतर वाले अस्त्र से वंचित नहीं कर रहे हैं। अब भी वह याद दिला रही है कि तुम्हारे नाखून को भुलाया नहीं जा सकता। तुम वही लाख वर्ष पहले वाले नखदनतावलमबी जीव हो- पशु के साथ एक ही सतह पर विचारित करने वाली और चरने वाले ।

(1) मनुष्य को नाखून ज़रूरी क्यों थे ?

(i) जीवन रक्षा के लिए

(ii) सजावट के लिए

(iii) खाना खाने के लिए



(2) कुछ समय बाद मनुष्य किस चीजों का सहारा लेने लगा?

- (i) पेड़ की डालें
- (ii) पत्थरों
- (iii) दोनों

(3) मनुष्य अब किस पर भरोसा करके आगे की ओर चल पड़ा है?

- (i) एटम बम
- (ii) भूकंप
- (iii) मिसाइल

(4) प्राकृतिक मनुष्य को कौन से अस्त्र से वंचित नहीं कर रही है?

- (i) लकड़ी वाले अस्त्र
- (ii) मनुष्य के भीतर वाले अस्त्र
- (iii) पत्थरों वाले अस्त्र

(5) तुम वही लाख वर्ष वाले \_\_\_\_\_ जीव हो।

- (i) चतुर
- (ii) शक्तिशाली
- (iii) नखदन्तावलम्बी

भाग ख

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

(1 × 4 = 4)

- (क) घास की रोटियाँ किसने खाई थीं?
- (ख) अब तक कबूतरों की कितनी प्रजातियाँ नष्ट हो चुकी हैं?
- (ग) लड़के और लड़की के भोजन में क्या अंतर था?
- (घ) 'मैं हूँ मानव' कविता के कवि कौन हैं?

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

(3 × 4 = 12)

- (क) वीर प्रसू माँ कौन हैं? उसे 'वीर प्रसू' क्यों कहा गया है?
- (ख) "लड़की हूँ ना!" सवित्री के इस कथन में छिपे दर्द को अपने शब्दों में लिखाए।
- (ग) विचारों का बहता दरिया भी मैं हूँ, उस दया की नैया का खिवैया भी मैं ही हूँ। प्रस्तुत पंक्तियों का आशय स्पष्ट कीजिये।
- (घ) लेखक पाठ 'बुद्धिमान पक्षी कबूतर' के माध्यम से क्या संदेश देना चाहते हैं?

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

(4 × 1 = 4)

"पढ़ लिखकर लाट गवर्नर बनेगी"- माँ के इस वाक्य में निहित व्यंग्य को स्पष्ट कीजिए।

अथवा

‘चेरअमी’ नामक कबूतर को क्यों पुरस्कृत किया गया था?

प्रश्न 6. निम्नलिखित काव्यांश को पढ़कर पूछे गए प्रश्नों के सही विकल्प चुनकर उत्तर दीजिए। (5)

विचारों का बहता दरिया भी मैं हूँ  
उस दरिया की नैया का खिवैया भी मैं हूँ  
मैं ही बनाता हूँ दुनिया के नियम  
और नियमों में जकड़ा इंसान भी मैं हूँ  
मैंने हिमालय का गुरुर भी तोड़ा है  
मैंने ही धरती को चंद्रमा से जोड़ा है  
मैंने ही तोड़ा है महासागरों का गौरव  
और भूमि का गर्भ भी मैंने ही टटोला है।

(1) कविता में ‘मैंने’ किसके लिए प्रयुक्त हुआ है?

- (i) प्रकृति
- (ii) भगवान
- (iii) मानव

(2) इस कविता के कवि कौन हैं?

- (i) महेश कुमार बैरवा
- (ii) रामधारी सिंह ‘दिनकर’
- (iii) निराला

(3) ‘गुरुर’ शब्द का अर्थ क्या है?

- (i) श्रेष्ठ
- (ii) घमंड
- (iii) मदद

(4) मानव ने धरती को किससे जोड़ा है?

- (i) बादलों से
- (ii) चंद्रमा से
- (iii) सागर से

(5) ‘धरती’ का विलोम शब्द बताइये।

- (i) समुद्र
- (ii) चंद्रमा
- (iii) गगन

## भाग ग

प्रश्न 7. निम्नलिखित में से किसी एक विषय पर अनुच्छेद लिखिए। (5)

- i. प्रदूषण की समस्या
- ii. परिश्रम का फल
- iii. मोबाइल वरदान या अभिशाप

प्रश्न 8. निम्नलिखित में से किसी एक विषय पर पत्र लिखें। (5)

भाई की शादी के लिए अवकाश की अनुमति माँगते हुए प्रधानाचार्य को पत्र।  
अथवा

प्रधानाचार्य को विद्यालय में पानी की समुचित व्यवस्था को लिए प्रार्थना पत्र।

**St. PBN PUBLIC SCHOOL, GURUGRAM**  
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**CLASS - VII**  
**SUBJECT - 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 integer is the greatest?
- (a) 9 (c) -13  
(b) -7 (d) 8
- ii. Which of the following is unlike decimal?
- (a) 17.26 (c) 77.222  
(b) 2.405 (d) 14.298
- iii. A \_\_\_\_\_ is a straight path that extends endlessly, in both directions with no end points.
- (a) line segment (c) angle  
(b) line (d) ray
- iv. Which of the following pairs are always congruent?
- (a) equilateral triangles (c) circles  
(b) right angles (d) squares
- v.  $3 + (-7) =$
- (a) 10 (c) -4  
(b) -10 (d) 4

- vi. A fraction consisting of a whole number along with a proper fraction is known as  
 (a) unit fraction (c) improper fraction  
 (b) proper fraction (d) mixed fraction
- vii. An angle that measures more than  $90^\circ$  but less than  $180^\circ$  is called  
 (a) reflex angle (c) obtuse angle  
 (b) acute angle (d) straight angle
- viii.  $12 \div \frac{3}{4} =$   
 (a) 9 (c) 48  
 (b) 16 (d) 36

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):** Equivalent fractions are two or more fractions that are all equal.  
**Reason (R):**  $\frac{10}{15}$  is an equivalent fraction of  $\frac{2}{3}$ .  
 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):** If the altitudes from two vertices of a triangle to the opposite sides are equal, then it is an isosceles triangle.  
**Reason (R):** If two angles and one side of one triangle are equal to that of the other triangle, then the two triangles are congruent.  
 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.

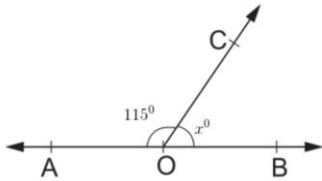
## Part II

**Q.2 Solve the following questions:**

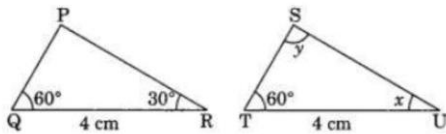
**(2 X 9 = 18)**

- i. The product of two integers is -650. If one integer is 13, find the other.
- ii. A carton contains 18 boxes of candles, and each box weighs  $3\frac{3}{7}$  kg. What is the weight of the carton of candles?
- iii. Find the supplement of the following angles.  
 (a)  $133^\circ$   
 (b)  $29^\circ$

- iv. Draw a right-angled triangle PQR. Using the RHS criterion construct another triangle XYZ.
- v. Arrange in ascending order:  
21.03, 21.33, 12.07, 11.77
- vi. In the given figure, find the value of x.



- vii. If PQR and STU are two congruent triangles under ASA, find the value of x and y.



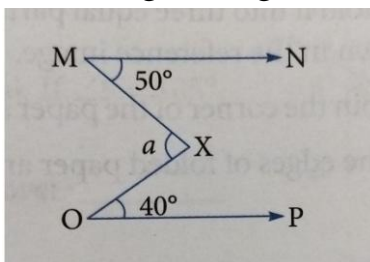
- viii. Two complementary angles are in the ratio 2:3. Find the angles.
- ix. One of the acute angles of a right angled triangle is  $57^\circ$ . What is the measure of its third angle?

### Part –III

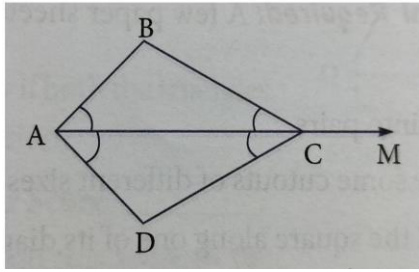
**Q.3 Solve the following questions:**  
= 12)

(3 X 4

- i. Raghav wants to go for higher education. For this, he has to collect a sum of ₹24,000. He earned ₹7000 by taking tuitions, his father gave him ₹11,000 and his friends helped him by giving ₹5000. How much more money does he have to arrange now?
- ii. A cyclist covers a distance of 42.7 km in 2.5 hours. What is the average distance covered by him in 1 hour?
- iii. In the given figure,  $MN \parallel OP$ , find the value of a.



- iv. In the given figure, AM bisects  $\angle BAD$  and  $\angle BCD$ . Verify that  $\triangle ADC$  is congruent to  $\triangle ABC$  giving suitable reasons.

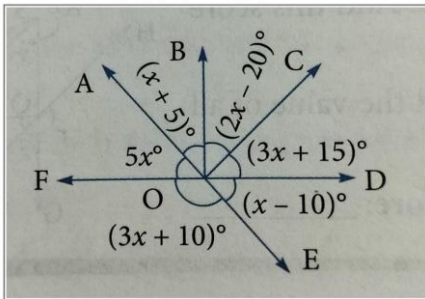


### Part –IV

#### **Q.4 Solve the following questions:**

**(4 X 3 = 12)**

- i. Evaluate the following.
  - (a)  $[(-30) + (-35)] \div (5 - 4)$
  - (b)  $2 \times 2 [5 + 0.5(2-2) - 0.5 \{216 + (-4)\}]$
- ii. In the given figure, find the measure of unknown angles.



- iii. PQRS is a square. Show that  $\triangle PQS \cong \triangle RSQ$ . Also state all the corresponding congruent parts.

### Part –V

#### **Q.5 Case study questions.**

**(4 X 2 = 8)**

i. In a city, the temperature has been fluctuating over the past week. On Monday, the temperature was  $32^{\circ}\text{C}$ . It dropped by  $5^{\circ}\text{C}$  on Tuesday, increased by  $3^{\circ}\text{C}$  on Wednesday, remained the same on Thursday, rose by  $4^{\circ}\text{C}$  on Friday, and decreased by  $2^{\circ}\text{C}$  on Saturday. The residents are keeping track of these changes to plan their outdoor activities effectively.

- (a) What was the temperature on Tuesday?
- (b) How much did the temperature increase from Wednesday to Friday?
- (c) What was the temperature difference between Monday and Saturday?
- (d) If the temperature drops by  $3^{\circ}\text{C}$  on Sunday, what will be the temperature then?

ii. Anita is preparing a special Indian dish called "Paneer Tikka Masala" for a family gathering. The recipe requires her to use specific measurements of ingredients. She needs  $\frac{3}{4}$  kg of paneer,  $\frac{1}{2}$  kg of tomatoes,  $\frac{1}{4}$  kg of onions, and  $\frac{1}{3}$  kg of yogurt. After preparing the dish, she decides to divide it equally into 8 portions for serving. Anita wants to ensure she calculates the measurements accurately to get the right taste and texture for her dish.

- (a) How many kilograms of tomatoes does Anita need for the recipe? (in decimals)
- (b) What is the total weight of paneer and onions required in kilograms?
- (c) If Anita uses 150 grams of yogurt, how much more yogurt does she need in kilograms to match the recipe?
- (d) How many grams will each portion weigh if the entire dish weighs 2.5 kilograms after cooking?



**St. PBN PUBLIC SCHOOL, GURUGRAM**  
**UNIT-I**  
**CLASS VII**  
**SUBJECT- SCIENCE**  
**Sample paper**

**TIME: 2 hr**

**MM: 60**

**GENERAL INSTRUCTION:**

1. All questions are compulsory.
2. Read each question carefully.
3. Allotted marks are indicated against each question.

**Q1. Choose the correct option and write in your answer sheet:**

**(1x12=12)**

a) Mohir wool comes from.

- i) angora goat      ii) angora rabbit      iii) cashmere goat      iv) alpaca sheep

b) Which of these countries produces wool?

- i) greenland      ii) south Africa      iii) poland      iv) jamaica

c) The enzyme that breaks down peptides into amino acids in

- i) trypsin      ii) erepsin      iii) lactase      iv) sucrose

d) Mode of nutrition in fungi is

- i) autotrophic      ii) saprophytes      iii) parasites      iv) carnivores.

e) Unwinding silk fibres from cocoon is called

- i) reeling      ii) peeling      iii) scouring      iv) carding

f) Mode of nutrition in fungi is

- i) autotrophic      ii) saprophytic      iii) insectivores      iv) parasitic

g) Which animal yields the softest wool in the world?

- i) vicuna      ii) sheep      iii) yak      iv) goat

h) From a \_\_\_\_\_ graph, we can find out the speed of an object.

- i) distance-time      ii) work-energy      iii) force-distance      iv) none of these.

i) Which of these is not a property of wool?

- i) tears easily      ii) dries easily      iii) can be dyed easily      iv) traps heat

j) Which of the following fibre is not a human-made fibre?

- i) rayon      ii) polyester      iii) coir      iv) nylon

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.

k) Assertion (A) : Water and minerals present in soil are absorbed by roots and transported to leaves.

Reason (R) : Carbon dioxide from air is taken through stomata present on the surface of leaves.

l) Assertion (A) : Scouring is the process of washing sheared fleece in hot water, detergent and alkali in tank.

Reason (R) : Scouring removes dirt, grass and grease.

**Q2. Answer the following questions in brief.**

**(2x5=10)**

i) What is the difference between an atom and a molecule?

ii) How do insectivorous plants enrich the soil with nutrients?

iii) write one similarity and one dissimilarity between parasites and saprophytes.

iv) Balance the equation  $Mg + O_2 \rightarrow MgO$

v) Write down the number and name of chambers present in the stomach of ruminants?

**Q3. Answer the following questions in detail.**

**(3x5=15)**

i) State three differences between compounds and mixtures.

ii) Differentiate between uniform motion and non-uniform motion with examples.

iii) What is the role of Rhizobium bacteria in soil? How do plants utilize nitrogen present in soil?

iv) How much distance will a car cover in 30s when moving with a speed of 82 k

v) How are the leaves of pitcher plant modified to catch insects?

**Q4. Value based questions**

**(2.5x3=7.5)**

1. Many occupational hazards are associated with wool and silk production. Most of these hazards can be prevented by just having a proper awareness and knowledge of how to tackle such conditions. The main reason for occupational hazards in India is due to poverty, illiteracy and poor hygienic conditions.

(a) What occupational hazards are associated with wool and silk industries?

(b) How can most of the occupational hazards be minimised?

(c) What values of people are shown here?

2. Class VI students were going to a picnic in the month of June. Shalini wore a beautiful synthetic dress. When Shalini's friend Ria arrived, she praised her dress and suggested that though her dress is very beautiful but she won't feel comfortable in the picnic. She must wear a cotton dress.

- (a) Write some properties of cotton cloth.
- (b) Why do you think Ria suggested Shalini to wear cotton cloth?
- (c) What value of Ria is shown here?

3. Ritesh was riding a bicycle on the road, he said that the wheels of the bicycle are moving along a straight line. But his friend, Saket, who was also riding a bicycle said that the wheels of the bicycle are moving circular. They then decided rather than fighting among themselves it is better to ask their science teacher.

- (a) What is motion?
- (b) Who among, Ritesh and Saket, is correct? Explain.
- (c) What value of Ritesh and Saket is shown here?

#### Q5. High Order Thinking Skills based questions

(2.5x3=7.5)

1. Sumit had lunch in the school but forgot to take home his lunch box on Saturday. When he opened it on Monday, he found it had some blackish-brown cotton-like structure in it. What were these? How do you think it got there?
2. We also make our food in the kitchen. Are we autotrophs too?
3. What is the formula of : Magnesium Hydroxide, Aluminium Chloride and Calcium Oxide.

#### Q6. Case study based questions

(4x2=8)

1. Leaves are the food factories of plants. Therefore, all the raw materials must reach the leaf. Water and minerals present in the soil are absorbed by the roots and transported to the leaves. Carbon dioxide from air is taken in through the tiny pores present on the surface of leaves. These pores are surrounded by 'guard cells'. Such pores are called stomata. Water and minerals are transported to the leaves by the vessels which run like pipes throughout the root, the stem, the branches and the leaves. They form a continuous path or passage for the nutrients to reach the leaf. They are called vessels. The leaves have a green pigment called chlorophyll. It helps leaves to capture the energy of the sunlight. This energy is used to synthesise (prepare) food from carbon dioxide and water. Since the synthesis of food occurs in the presence of sunlight, it is called photosynthesis (**Photo**: light; **synthesis** :to combine). So we find that chlorophyll, sunlight, carbon dioxide and water are necessary to carry out the process of photosynthesis. It is a unique process on the earth. The solar energy is captured by the leaves and stored in the plant in the form of food. Thus, sun is the ultimate source of energy for all living organisms.

- i) What are the food factories of plant?
  - ii) Define vessels.
  - iii) Describe how does the leaves capture the sunlight energy?
  - iv) Explain about stomata with its function.
2. The stomach is a thick-walled bag. Its shape is like a flattened J and it is the widest part of the alimentary canal. It receives food from the food pipe at one end and opens into the small intestine at the other. The inner lining of the stomach secretes mucous, hydrochloric acid and digestive juices. The mucous protects the lining of the stomach. The acid kills many bacteria that enter along with the

food and makes the medium in the stomach acidic and helps the digestive juices to act. The digestive juices breakdown the proteins into simpler substances.

- i) The stomach is a.....bag.
- ii) The.....protects the lining of the stomach.
- iii) What is the function of acid in the stomach?
- iv) What does the inner lining of the stomach secrete?

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

**Time: 2 Hours**

**MM.60**

**GENERAL INSTRUCTIONS:**

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

**Q1. Fill in the blanks with suitable words.**

**(1x3=3)**

- i) During the Mughal period, the \_\_\_\_\_ style of painting developed.
- ii) \_\_\_\_\_ is the most common form of inequality in India.
- iii) \_\_\_\_\_ environment includes abiotic and biotic components.

**Q2. Choose the correct options-**

**(1x5=5)**

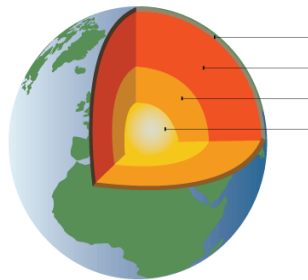
- i) **Assertion (A) : Under the Cholas and the Rashtrakutas, the Deccan and south India evolved a unique culture and history of their own.**  
**Reason(R) : The Vindhya and Satpura mountain ranges act as a natural divide between northern and southern India.**
  - a. A is true but R is false.
  - b. A is false but R is true.
  - c. Both A and R are true and R is the correct explanation of A.
  - d. Both A and R are true but R is not the correct explanation of A.
- ii) **Assertion (A) : Agricultural land is considered an artificial ecosystem.**  
**Reason(R) : There is no interdependence between biotic and abiotic components in an agricultural field.**
  - a. A is true but R is false.
  - b. A is false but R is true.
  - c. Both A and R are true and R is the correct explanation of A.
  - d. Both A and R are true but R is not the correct explanation of A.
- iii) A group of people who share similar political views on political matters and policies to ensure collective good of the society is called \_\_\_\_\_.
  - a) Government
  - b) Election Commission
  - c) Political party
  - d) Coalition government
- iv) The study of inscriptions is called \_\_\_\_\_.
  - a) Chronicle
  - b) Epigraphy
  - c) Numismatics
  - d) Sculptures

- v) \_\_\_\_\_ is the uppermost layer of the Earth.
- a. Mantle
  - b. Core
  - c. Crust
  - d. None of the above

**Q3. State whether the following statements are True or False: (1x4=4)**

- a. The physical environment contains the living components of the natural environment.
- b. Numismatics is the study of paintings.
- c. Monarchy is a totalitarian form of government.
- d. A coalition government is formed when no party manages to secure a majority in elections.

**Q4. Look at the picture given below and answer the following questions. (1x5=5)**



- a) Name the innermost layer of the earth ? (1)
- b) Explain the two different layers of crust? (2)
- c) Define Asthenosphere. (2)

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

- a) Who heads the Election Commission of India?
- b) Name any one book written by Abul Fazl?
- c) Which organ of government is concerned with the making of laws?
- d) Who adopted the title Gangaikondan?
- e) What is atmosphere?

**Q6. Answer the following questions in brief. (2x4=8)**

- a) Do you think direct democracy would work better in India?
- b) Who were the samantas?
- c) What is the natural environment?
- d) Differentiate between a bye-election and a mid-term election.

**Q7. Answer the following questions.**

**(3x4=12)**

- a) Evaluate the importance of public opinion for the efficient functioning of a democracy.
- b) Explain the importance of a constitution in a democracy.
- c) What kind of information can be drawn from paintings?
- d) Write any three uses of rocks and minerals.

**Q8. Answer the following questions in detail**

**(5x3=15)**

- a) Explain in detail how monuments and buildings are useful sources of history of medieval India.

**(OR)**

Who was Mahmud of Ghazni? In what ways were his raids different from those of Mohammad Ghori?

- b) Differentiate between metallic and non-metallic minerals with the help of examples. If you need a thin wire that conducts electricity, would you use a metal or non-metal? Explain why.

**(OR)**

‘Human wants are leading to environmental degradation’. Do you agree with the statement? Suggest ways by which environmental degradation can be prevented.

- c) Explain any five key elements of democracy.

**(OR)**

Explain the working of the simple majority system. Do you think it is the most effective measure of public opinion in a democracy? Give reasons for your answer.

**Q9 Map based question**

- a) **Locate and label the following on the given outline map of India.**

- (i) Manyakheta (1)
- (ii) Patliputra (1)
- (iii) Ujjain (1)

सेंट पी बी एन पब्लिक स्कूल  
कक्षा सातवीं  
विषय संस्कृत  
आदर्श प्रश्न पत्र  
इकाई परीक्षा 1

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 सही विकल्प चुनकर उत्तर दीजिए।

(10x1=10)

रिक्त स्थान भरिए-----

- 1) अहम् जलं - - -
  - i. पास्यामि
  - ii. पिविष्यामि
- 2) शीला स्वपाठम् - - - - -
  - i. अस्मरत
  - ii. अस्मरत्
- 3) त्वम् वने कथम्
  - i. अतिष्ठत्
  - ii. अतिष्ठः
- 4) अहम् वृद्धं नरम् - - - - -
  - i. अनमम्
  - ii. अनमः
- 5) आनेतुम् इति शब्दस्य अर्थः अस्ति -
  - i. आयोजन



- ii. लाने के लिए
- 6) आनन्देन इति शब्दस्य अर्थः अस्ति
- i. वन्दना करना
- ii. आनंद के साथ
- 7) किमर्थम् इति शब्दस्य अर्थः अस्ति
- i. किन अर्थों में
- ii. किसलिए
- 8) स्थूलम् इति शब्दस्य अर्थः अस्ति
- i. सुडौल
- ii. मोटा
- 9) लृट् लेकर का हिंदी अर्थ है -
- i. आज्ञा के लिए
- ii. भविष्य के लिए
- 10) विधिलिङ्ग लकार का हिंदी अर्थ है -
- i. प्रार्थना
- ii. भूत काल

प्रश्न 2 निम्नलिखित शब्दों का पद परिचय दीजिए।

(6)

अपिबताम् अनमत् लिखतु

प्रश्न 3 निम्नलिखित वाक्यों का संस्कृत अनुवाद कीजिए ।

(5)

i. दो बालिकाएँ विद्यालय जाएँगी ।

ii. तुम सब ने कौन सा चलचित्र देखा ?

iii. तुम दोनों ने पाठ याद किया

iv. हम दोनों राघव के घर गए ।।

v.क्षितिज पाठ याद कर रहा था ?

प्रश्न 4 निम्नलिखित वाक्यों को शुद्ध कीजिए।

(4)

i.आवां लेखं अलिखतं ?

ii.यूयं भोजनं अखादम्।

iii.तौ चित्रं अपश्यन्।

iv.त्वं मधुर वचनं अवदताम्।

प्रश्न 5 हिन्दी अनुवादं कुरुत।

(5)

i.त्वं किमर्थं विद्यालयं गमिष्यसि

ii.अहम् निर्धनाय वस्त्रं अयच्छं ?

iii.यूयं मार्गं किम् अपश्यः

iv.तत्र अहम् फलानि अखादाम्

v.राधिका उद्यान अभ्रमत्

प्रश्न 6 निर्देशानुसारेण वचन परिवर्तनं कुरुत।

(3)

i. यूयं लेखं अलिखत (एकवचने)

ii.अहं दुग्धं पिबामि (द्विवचने)

iii.सा पुस्तकं पठिष्यति (बहुवचने)

प्रश्न 7 भू धातु रूप लोट लकार एवं गम् धातु रूप लट् लकार में लिखिए।

(9)

प्रश्न 8 भू धातु लृट लकार प्रथम एवं उत्तम पुरुष में लिखिए।

(3)

प्रश्न 9 गम् धातु विधिलिङ लकार मध्यम एवं उत्तम पुरुष में लिखिए।

(3)

प्रश्न 10 राम शब्द रूप प्रथमा, द्वितीया, तृतीया एवं चतुर्थी विभक्त में लिखिए।

(6)

प्रश्न 11 कवि शब्द रूप पञ्चमी, षष्ठी, सप्तमी एवं संबोधन विभक्ति में लिखिए।

(6)

**St. PBN PUBLIC SCHOOL, GURUGRAM**  
**UNIT TEST- I**  
**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 Tick the correct option**

**(1x8=8)**

1. To select entire worksheet, press the \_\_\_\_\_ key combination.  
a) Ctrl+A                      b) Ctrl+c                      c) Alt+A
2. Which function returns the addition of numeric values in a range?  
a) COUNT()                      b) SUM()                      c) MAX()
3. To select a range, hold down the \_\_\_\_\_ key and check on non-adjacent cells.  
a) Shift                      b) Ctrl                      c) Alt
4. To enter digits as a text, you have to begin the entry with an \_\_\_\_\_ mark.  
a) Question                      b) Finish                      c) Ready
5. Which function finds the largest smallest number in a range?  
a) AVERAGE()                      b) Apostrophe                      c) Exclamation
6. Which key combination is used to get the sum of the values of adjacent cells?  
a) Shift+s                      b) Ctrl+'                      c) Alt+=
7. To use the sheet reference, which address is appropriate out of the following options?  
a) D4!sheet1                      b) Sheet,D4                      c) Sheet1!D4
8. Which function key is used to repeat most commands?  
a) Alt+F2                      b) F4                      c) F2

**Q.2 Fill in the blanks:**

**(1x5=5)**

1. The cell address in a formula is also called \_\_\_\_\_
2. To minimize the worksheet , press \_\_\_\_\_ key combination.
3. Formulas are used to perform \_\_\_\_\_
4. To enter date and time together separate them with a \_\_\_\_\_
5. \_\_\_\_\_ and \_\_\_\_\_ buttons appear on the formula bar.

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

**(1x5=5)**

1. Copying refers to moving data from one place to another.
2. To insert a new column in excel sheet, select Add button on the insert tab.
3. The error #VALUE occurs if the number is divided by zero.
4. You cannot rename the sheet name.
5. Formulas cannot be edited in formula bar.

**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: To make the entry of digits as text , begin the entry with an apostrophe(')**

**Reason: apostrophe indicates the string or text value.**

- 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 and Reason (R) is false.
- d) Assertion (A) is false and Reason (R) is true.

**2. Assertion (A): BEDMAS rule is used to evaluate mathematical expression.**

**Reason (R): Excel performs various calculations and solve complex expressions.**

- 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 and Reason (R) is false.
- d) Assertion (A) is false and Reason (R) is true.

**Q.5 Application based questions:**

**1. Answer these questions-**

**(1x4=4)**

- a. In MS excel priya has entered the marks she obtained, she wants to calculate the total and the average of the marks. Suggest the functions she should use to accomplish the task.
  - b. Surabhi wants to reduce her weight. Her dietician suggested her to maintain a weekly diet chart. What method she follow to fill week days automatically in the table?
  - c. Which function is used to return a square root?
  - d. Which function is used to return the result of a number raised to some power?
2. Ritu has created progress reports of the students of her class in Microsoft excel. But she has forgotten to add an important column in the table. Suggest the option that will help her to insert a new column without disturbing the existing table setting. **(2)**
3. Write down the shortcut keys for the following functions- **(1x4=4)**
- a) To move cell contents to another cell.
  - b) To save worksheet.
  - c) To create new worksheet
  - d) To copy the formula from the above cell.

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

1. Which button is used to Redo the action?
2. What is the extension of excel file?
3. What will be the cell address of 16<sup>th</sup> row 7<sup>th</sup> column?
4. Write an example of formula.
5. In which group paste option is available in excel program?

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

1. Explain any two functions with example.
2. What are functions?
3. Write any two features of excel.
4. Which function is used to calculate the greatest common divisor or highest common factor? Explain with example.
5. What are the rules to enter a function?

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

1. Explain the method to insert multiple columns in a worksheet.
2. How will you select a range and non-adjacent cells in a worksheet?
3. What is the function of undo and redo commands?
4. Explain cell address with the help of example.

**Q.9 Case study base questions. **(6)****

An Excel worksheet is a grid-like workspace within a Microsoft Excel workbook where users can enter, manipulate, and analyze data. It consists of rows numbered from 1 to 1,048,576 (Excel 2019),

and columns labeled from A to XFD. Each cell within the grid can contain various types of data, such as text, numbers, dates, formulas, or functions. Worksheets are versatile tools used for organizing information, performing calculations, creating charts, and generating reports. They are commonly utilized in diverse fields, including finance, education, science, and business, for tasks ranging from simple data entry to complex data analysis.

**Answer the following questions**

1. What are the worksheets? 1
2. How many types of data can be entered in excel sheet? 1
3. What are the uses of worksheets? 1

**a. Observe the given table answer the questions- (1X3=3)**

<b>Weekly Inventory (fruits in kgs)</b>						
<b>Sr.</b>	<b>Day of the week</b>	<b>Mango</b>	<b>Apple</b>	<b>Orange</b>	<b>Grapes</b>	<b>Total</b>
<b>1</b>	<b>Monday</b>	<b>17</b>	<b>11</b>	<b>17</b>	<b>23</b>	
<b>2.</b>	<b>Tuesday</b>	<b>30</b>	<b>12</b>	<b>20</b>	<b>12</b>	
<b>3.</b>	<b>Wednesday</b>	<b>12</b>	<b>22</b>	<b>14</b>	<b>21</b>	
<b>4.</b>	<b>Thursday</b>	<b>22</b>	<b>6</b>	<b>15</b>	<b>22</b>	
<b>5.</b>	<b>Friday</b>	<b>6</b>	<b>13</b>	<b>4</b>	<b>28</b>	

- a. What will be the cell address of grapes's maximum sale?
- b. What will be the cell address of total sale on thursday?
- c. Write the formula to calculate total apple sales for week.