CLASS : VIII	Name of the student:- _____	Date :
READING TIME : 10 min.		Total Marks : 50
WRITING TIME : 1 Hour		Marks Obtained :

Pattern and marking scheme

Subject	1. ENGLISH	2. HINDI	3. MATHS	4. SCIENCE	5. APTITUDE & Reasoning
Sections	3	3	2	2	1
Marks	10	10	10	10	10

Syllabus :

SECTION 1:- Reading Comprehension (Unseen Passage) , Grammar – Tenses and Determiners , Paragraph Writing.

SECTION 2:- अपठित गद्यायंश , व्याकरण – उपसर्ग प्रत्यय , अविकारी शब्द , पर्यायवाची शब्द , रचनात्मक लेखन

SECTION 3:- Linear Equations, Quadrilaterals, Square & Square Roots , Coordinate Geometry , Rational Numbers , Probability.

SECTION 4:- Crop Production & Management , Sound , Flame & Combustion , Chemical Effects of Electric Current , Coal & Petroleum

SECTION 5:- General Aptitude & Logical Reasoning

Refereed by NCERT

1. ENGLISH

SECTION A: Reading Comprehension [3M]

Q1] **Read the passage below and answer the questions:**

The invention of the printing press by Johannes Gutenberg in the 15th century revolutionized the way information was shared and preserved. Before this invention, books were painstakingly copied by hand, which made them rare and expensive. Gutenberg's movable-type printing press allowed for the mass production of books, making knowledge accessible to a much larger audience. This invention played a crucial role in the spread of ideas during the Renaissance and laid the foundation for modern education and communication.

1. Why were books rare and expensive before the invention of the printing press?

Ans. _____

_____

_____.

2. How did the printing press impact society? Write two points.

Ans. _____

_____

_____.

3.   Find a word in the passage that means "essential" or "very important."

Ans.   _____

_____

_____.

SECTION B : Grammar   [3M]

Q.2] Fill in the blanks with the correct form of the verb:

1]   The scientist _____ (present) his findings at the conference yesterday.

2]   **Choose the correct option:**

Neither of the answers _____ (is/are) correct.

3]   **Rewrite the sentence in the future continuous tense:**

She visits her grandparents every weekend.

_____

SECTION C: Writing Skill   [4M]

Q.3]   Write a short paragraph about a place you have visited and why it was memorable.

_____

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2. HINDI

<u>खण्ड 'क' – अपठित गद्यांश</u>   **[3M]**

प्र.१) निम्नलिखित गद्यांश को ध्यानपूर्वक पढ़िए एंव पूछे गए प्रश्नों के उत्तर दीजिए ।

श्रावण मास के श्रावण नक्षत्र में राजा महाबलि अपनी प्रजा का हाल–चाल जानने के लिए पृथ्वी पर आते है और उनके आने की खुशी में केरलवासी 'ओणम' का त्योहार मनाते है। लोग रंग–बिरंगे फूलों से अपने घर–आँगन को सजाते हैं। बालक– बालिकाएँ हाथों में टोकरियाँ उठाए फूल तोड़ने प्रातः ही निकल पड़ते है। इन्हीं फूलों से घर की स्त्रियाँ कलात्मक रंगोलियों की रचना करती है। केरल के हर घर में जन–जीवन नृत्यमय हो जाता है। मंदिरो में देवताओं के लिए उत्सव मनाया जाता है, गजों की साज–सज्जा करके जूलूस निकाले जाते है। हर ओर नृत्य और गायन मानों बिखर जाता है। इस उत्सव का मुख्य आकर्षण 'नौका–दौड़' होती है, विशेष रूप से अरूणाकुलम और कोचीन के बीच में कायल झील में । इन नावों को खूब सजाया जाता है तथा बीस से चालीस व्यक्ति तक इन्हे चलाते हैं। यह त्यौहार करीब दस दिनों तक चलता है। नौवें दिन हर घर में भगवान विष्णु की मूर्ति बनाई जाती है, जिसकी पूजा झील में की जाती है तथा महिलाएँ उसके इर्द–गिर्द नाचती हुई 'थप्पतिकलि' करती है। 'वल्लसन' व्यंजन विशेष रूप से बनाया जाता है। केरल सरकार इसे पर्यटक त्योहार के रूप में मनाती है।

१) राजा महाबलि अपनी प्रजा का हाल–चाल जानने के लिए पृथ्वी पर किस मास (महीना) में आते है?

(क) माघ मास में   (ख) कार्तिक मास में   (ग) श्रावण मास में   (घ) आश्विन मास में

२) 'ओणम' त्योहार का मुख्य आकर्षण क्या है?

(क) नौका–दौड़   (ख) नृत्य   (ग) रंगोलियाँ   (घ) मिठाईयाँ

३) केरल सरकार ओणम त्योहार को किस त्योहार के रुप में मनाती है?

(क) नववर्ष का त्योहार   (ख) गृह–स्वामिनी का त्योहार   (ग) पर्यटक त्योहार

<u>खण्ड 'ख' – व्याकरण</u>   **[3M]**

प्र.२) निम्नलिखित व्याकरण पर आधारित प्रश्नों के उत्तर लिखिए ।

१) जो शब्द ज्यों के त्यो संस्कृत भाषा से हिंदी में आ गए है उन्हें क्या कहते है?

_____

_____

२) ''जो दिखाई न दे'' वाक्य के लिए एक शब्द लिखिए ।

_____

_____

३) 'अनुराग' शब्द में कौनसा उपसर्ग है?

_____

_____

प्र.३ निम्नलिखित में से किसी एक विषय पर संकेत बिंदुओं के आधार पर लगभग ८० शब्दों में अनुच्छेद लिखिए

    (क) वृक्षारोपण का महत्व –

        * वृक्षारोपण का अर्थ   * वृक्षारोपण क्यों आवश्यक   * हमारा दायित्व

    (ख) सच्चा मित्र

        * मित्र का महत्व   * सुख–दुख का साथी   * मार्गदर्शक एवं प्रेरक

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3. MATHS

SECTION A – Objectives Questions   **[4M]**

1. On transposing terms from one side of equations to the other, which of these changes take place?
   a) Addition becomes subtraction.   b) Multiplication becomes an addition.
   c) Addition becomes multiplication.   d) Multiplication becomes subtraction.

2. What will be the measure of the complement of 65° angle ?

   a) 45°   b) 35°   c) 25°   d) 115°

3. $(-11)^2 \times (-11)^4 = (-11)^x$, find x.

   a) 2   b) 4   c) 6   d) -2

4. The perimeter of a square whose one side is 1.6 cm is
   a) 0.64 cm   b) 6.4 cm   c) 64cm   d) none of these.

1. Solve the following integers:

    a) $56 \div (-7)$ b) $(-13) \times (-4)$

2. Solve the following equations using the Transpose method.

    a) $5a + 1 = 26$ b) $3(x + 2) = 15$

3. Solve the following fractions as mentioned and also convert it to a mixed fraction.

    a) $7/2 \div 8/3$ b) $1/2 \times 11/4$

4. SCIENCE

SECTION A – Objectives Questions [4M]

1] The given picture depicts a honeybee obtaining nectar from the flowers. This mode of feeding is called as

(a) Chewing   (b) Swallowing   (c) Siphoning   (d) Sucking

2] Antacids contain:

(a) Acids   (b) Base   (c) Salt   (d) both (a) and (b)

3] The amount of heat produced in a wire depends on:

(a) material   (b) length   (c) thickness   (d) all of these

4] Which of the following is NOT an advantage of forests?
(a) Maintains water cycle in nature.
(b) Maintains a balance of CO_2 and O_2 in the atmosphere.
(c) Makes soil infertile for crops.
(d) Prevents the occurrence of floods.

SECTION B – Objectives Questions [6M]

1] Sivananda is looking at a candle flame through a bent pipe, as shown in the figure below. What will he most likely notice. What can we deduce about characteristics of light from this activity?

Ans. _____

_____

_____

2] Differentiate between Respiration and Breathing.

Ans. _____

_____

_____

3] Define the following terms:

a) Galvanisation : _____

_____

b) Crystallisation : _____

_____

5. APTITUDE & LOGICAL REASONING   [10M]

1] Look at the pattern below: 1, 2, 4, 7, 11, ?
   What comes next in the pattern?
   a) 14   b) 16   c) 18   d) 20

2] There are three boxes, one containing only apples, one containing only oranges, and one containing both apples and oranges. The boxes are labelled, but the labels are incorrect. How can you figure out which box contains which type of fruit by only asking one question?
   a) Ask if the box labelled "apples" contains oranges.
   b) Ask if the box labelled "oranges" contains apples.
   c) Ask if the box labelled "both" contains only apples.
   d) Ask if the box labelled "both" contains only oranges.

3] Look at the sequence :   2, 6, 12, 20, 30, ?
   What comes next in the sequence?
   a) 42   b) 40   c) 38   d) 36

4] Which of the following is similar to:
   Book : Author :: Painting : ?
   a) Artist   b) Gallery   c) Brush   d) Canvas

5] There are five houses in a row, each painted a different color: blue, green, red, white, and yellow. Each house is occupied by a person of a different nationality: American, British, Canadian, Indian, and Japanese. Each person has a different favorite drink: coffee, tea, milk, soda, and water. Using the following clues, determine the color of each house, the nationality of its occupant, and their favorite drink:
   - The Canadian lives in the first house.
   - The person who drinks milk lives next to the person who owns the yellow house.
   - The person who owns the yellow house drinks soda.
   - The British person lives in the red house.
   - The person who drinks coffee lives in the house next to the British person.
   a) Blue - American - Coffee, Green - Canadian - Milk, Red - British - Tea, White - Indian - Soda, Yellow - Japanese - Water
   b) Blue - American - Tea, Green - Canadian - Coffee, Red - British - Milk, White - Indian - Soda, Yellow - Japanese - Water
   c) Blue - American - Soda, Green - Canadian - Milk, Red - British - Coffee, White - Indian - Tea, Yellow - Japanese - Water
   d) Blue - American - Water, Green - Canadian - Coffee, Red - British - Milk, White - Indian – Soda, Yellow - Japanese – Tea

6] X is the father of Y. Z is the daughter of Y. What is the relationship between X and Z?
a) Father-daughter   b) Mother-son
c) Grandfather-granddaughter   d) Uncle-niece

7] A and B are sisters. C is the brother of A. What is the relationship between B and C?
a) Brother-sister   b) Uncle-niece   c) Cousin   d) Father-daughter

8] A woman introduces a man as the son of her mother's son. How is the man related to the woman?

a) Brother   b) Son   c) Nephew   d) Cousin

9] Pointing to a man, a woman said, "He is the son of my mother's son." How is the man related to the woman?
a) Brother   b) Son   c) Nephew   d) Cousin

10] A is the father of B. C is the daughter of B. What is the relationship between A and C?
a) Father-daughter   b) Grandfather-granddaughter
c) Uncle-niece   d) Brother-sister

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