

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

Pattern and marking scheme

Subjects	1. ENGLISH	2. HINDI	3. MATHS	4. SCIENCE	5. APTITUDE & Reasoning
No. of 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 गद्यांश , 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

Referred by NCERT

1. ENGLISH

SECTION A: READING COMPREHENSION

[3M]

Q.1] Read the passage below and answer the questions that follow:

The Industrial Revolution, which began in the late 18th century, marked a significant turning point in human history. It brought about a shift from agrarian economies to industrialized ones. While it led to advancements in technology and improved living standards, it also resulted in exploitation of labor, environmental degradation, and widening economic inequalities. The challenge for modern societies is to harness the benefits of industrialization while addressing its adverse effects.

1] What was the primary change brought about by the Industrial Revolution?

Ans. _____

2] List two negative consequences of the Industrial Revolution mentioned in the passage.

Ans. _____

3] What is the Challenge for modern societies?

Ans. _____

SECTION B: GRAMMAR

[3M]

1. **Fill in the blanks with suitable determiners:**

_____ (Each/Every) student must bring their ID card for the exam.

2. **Identify the tense of the following sentence.**

They had finished their homework before the teacher arrived.

3. **Change the tense of the following sentences as directed:**

They will complete the project tomorrow. (Change to present perfect tense)

SECTION C: PARAGRAPH WRITING

[4M]

3] Write a paragraph (100-120 words) on "The Benefits of Reading Books."

2. HINDI

खण्ड 'क' – अपठित गद्यांश

[3M]

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

एक समय था, जब हमारे देश में वनों की कोई कमी नहीं थी । आबादी कम थी और बड़े-बड़े शहरों का विकास नहीं हुआ था । गाँव और बस्तियाँ अधिकतर जंगलों के किनारे बसे हुए थे । ग्रामीण जीवन में वनों का विशिष्ट स्थान था । वन भारतीय जीवन के स्रोत थे । यह सुखद संस्मरण अब भूतकाल की बात हो गई है । वर्तमान जीवन बड़े-बड़े महानगरों में सीमेंट, लोहे और कंक्रीट के जंगल में कैद है । अब स्वच्छ वायु , प्राकृतिक दृश्य , वनों की छटा आदि स्वप्न बनकर रह गए हैं । वर्तमान विशेषज्ञों का कहना है कि देश के कम-से-कम ४० प्रतिशत भाग में वन होने आवश्यक है, परंतु दुर्भाग्य यह है कि मात्र २३ प्रतिशत भाग में वन शेष रह गए हैं । वनों की घटती संख्या के कारण है - बढ़ती हुई जनसंख्या , फैलते हुए मैदान , बड़े-बड़े उद्योगों की स्थापना और आधुनिक सभ्यता । वनों के बिना सभी प्राणियों का जीवित रहना बहुत कठिन है ।

१) बड़े-बड़े महानगरों में कौन सीमेंट, लोहे और कंक्रीट के जंगल में कैद है ?

(क) कलाकार

(ख) अभिनेता

(ग) बच्चे

(घ) वर्तमान जीवन

२) वनों की घटती संख्या का एक प्रमुख कारण है -

(क) पशु-पक्षियों का घटना/जीव-जंतुओं का लुप्त होना

(ख) जनसंख्या का बढ़ना

(ग) प्राकृतिक आपदाओं को बढ़ना

(घ) इनमें से कोई नहीं

३) वनों की कटाई की वजह से क्या स्वप्न बनकर रह गए हैं?

(क) स्वच्छ वायु , प्राकृतिक दृश्य और वनों की छटा

(ख) कोयल की कूक

(ग) मोर का नृत्य

(घ) शेर की दहाड़

खण्ड 'ख' – व्याकरण

[3M]

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

१) 'उड़ान' शब्द में प्रयुक्त प्रत्यय लिखिए ।

२) लिंग , वचन , कारक , काल आदि के कारण जिन शब्दों में विकार उत्पन्न नहीं होता यानी हर स्थिति में एक जैसे बने रहते हैं उन्हें क्या कहते हैं ?

३) 'अलंकार' शब्द का पर्यायवाची शब्द लिखिए ।

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

(क) सफलता हेतु संघर्ष

* अर्थ

* उद्देश्य

* मानसिक सोच

* सफलता की कुंजी

(ख) जीवन में परिश्रम का महत्व

* परिश्रम का महत्व

* जीवन के प्रत्येक स्तर पर परिश्रम की आवश्यकता

* परिश्रम

3. MATHS

SECTION A – Objectives Questions

[4M]

1. Point $(-2, -3)$ lies in the

a) First Quadrant

b) Second Quadrant

c) Third Quadrant

d) Fourth Quadrant

2. A rational number can be represented in the form of:

a) p/q

b) pq

c) $p+q$

d) $p-q$

3. The diagonals of a parallelogram

a) Equal

b) Unequal

c) Bisect each other

d) None of these

4. A die is thrown once. The probability of getting an even number is

a) $1/3$

b) $1/2$

c) $2/3$

d) $5/6$

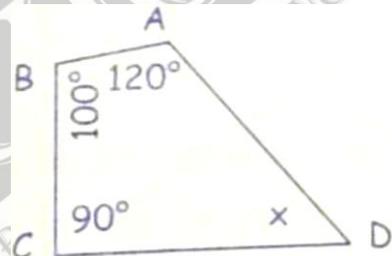
SECTION A – Subjectives Questions

[6M]

1. Solve the Following linear equation.

$$5x - 7 = 2x + 8$$

2. Find the value of x in the following Quadrilateral.



3. Find the square root of 1296 by the method of prime factorisation.

4. SCIENCE

SECTION A – Objectives Questions

[4M]

- 1] Given below are statements about the harmful effects of weeds on crop plants.
- (i) They interfere in harvesting.
 - (ii) They help crop plants to grow healthy.
 - (iii) They compete with crop plants for water, nutrients, space and light.
 - (iv) They affect the plant growth.
- Choose the correct combination of statements.
- (a) (i), (iii) and (iv) (b) Only (iii) (c) (iii) and (iv) (d) (i), (ii), (iii) and (iv)
- 2] Kalpana dug two pits, A and B in her garden. In pit A, she put a polythene bag packed with some agricultural waste. In pit B, she dumped the same kind of waste, but without packing it in a polythene bag. She then covered both the pits with soil. What did she observe.
- (a) Waste in pit A degraded faster than that in pit B
 - (b) Waste in pit B degraded faster than that in pit A
 - (c) Waste in both the pits degraded almost equally
 - (d) Waste in both the pits did not degrade at all
- 3] In order to reduce the loudness of a sound, we have to
- (a) Decrease its frequency of vibration of sound
 - (b) Increase its frequency of vibration of sound
 - (c) Decrease its amplitude of vibration of sound
 - (d) Increase its frequency of vibration of sound
- 4] Bunsen burner contains a gas X which burns with a blue flame. What is the reason behind the blue coloured flame?
- (a) Complete combustion of gas X. (b) Presence of impurities in gas.
 - (c) Low temperature of flame. (d) Incomplete combustion of gas X.

SECTION B – Subjectives Questions

[6M]

Q.2] Paheli setup an experiment using liquid A in the beaker. She observed that the bulb glows. Then, she replaced the liquid A with liquid B. This time the bulb did not glow. Boojho suggested replacing the bulb by LED. They observed that LED glows. Explain.

Ans. _____

Q.3] Lalita always eats only dal and rice in every meal. She often falls ill and has become prone to diseases. Can you suggest changes in her diet which can make her healthy and free from disease? [2M]

Ans. _____

- 8] X and Y are brothers. Z is the sister of X. What is the relationship between Y and Z?
a) Brother-sister b) Uncle-niece c) Cousin d) Father-daughter
- 9] 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
- 10] A is the mother of B. C is the father of B. D is the brother of C. What is the relationship between A and D?
a) Mother-son b) Father-daughter c) Brother-sister d) Uncle-aunt

