

Name _____

Placement Assessment - Class VIII

Date _____

SAMPLE PAPER

English

Maximum Marks: 50

Marks Obtained _____

Q1: Read the passage carefully then answer the questions below.

Have you ever wondered what keeps a hot air balloon flying? The same principle that keeps food frozen in the open chest freezers at the grocery store allows hot air balloons to fly. It's a very basic principle: Hot air rises and cold air falls. So, while the super-cooled air in the grocery store freezer settles down around the food, the hot air in a hot air balloon pushes up, keeping the balloon floating above the ground. In order to understand more about how this principle works in hot air balloons, it helps to know more about hot air balloons themselves.

A hot air balloon has three major parts: the basket, the burner, and the envelope. The basket is where passengers ride. The basket is usually made of wicker. This ensures that it will be comfortable and add little extra weight. The burner is positioned above the passenger's heads and produces a huge flame to heat the air inside the envelope. The envelope is the colorful fabric balloon that holds the hot air. When the air inside the envelope is heated, the balloon rises.

The pilot can control the up-and-down movements of the hot air balloon by regulating the heat in the envelope. To ascend, the pilot heats the air in the envelope. When the pilot is ready to land, the air in the balloon is allowed to cool and the balloon becomes heavier than air. This makes the balloon descend.

Before the balloon is launched, the pilot knows which way the wind is blowing. This means that he has a general idea about which way the balloon will go. But sometimes the pilot can actually control the direction that the balloon flies while in flight. This is because the air above the ground is sectioned into layers in which the direction of the wind may be different. So even though the pilot can't steer the balloon, he can fly higher or lower into a different layer of air. Some days the difference between the directions of the wind between layers is negligible. But other days the difference is so strong that it can actually push the balloon in a completely different direction!

- 1) According to the passage, balloon pilots control the balloon's altitude by (1)
 - A. moving into a different layer of air
 - B. regulating the air temperature inside the balloon
 - C. adjusting the amount of air in the envelope
 - D. changing the amount of weight contained in the basket
- 2) As used in paragraph 3, which is the best synonym for ascend? (1)

A. move	B. fly	C. sink	D. climb
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- 3) As used in paragraph 3, which is the best antonym for descend? (1)

A. fall	B. float	C. rise	D. drop
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- 4) According to the author, wicker is I. comfortable II. light weight III. durable (1)

A. I only	B. I and II only	C. II and III only	D. I, II, and III
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- 5) If the hot air balloon pilot wants to change directions during flight, what might he or she do to accomplish this? (1)

A. head toward a mountain peak	B. wait for it to rain
C. fly into a cloud	D. fly higher
- 6) Using the passage as a guide, which of the following statements is not true? (1)
 - A. Air goes up and out the top of a chimney when you light a fire.
 - B. Cool air collects about the ceiling when you open a refrigerator.
 - C. Smoke from a candle rises after you blow out the flame.
 - D. Cold air coming from an air conditioning vent settles about the floor.
- 7) Based on its use in paragraph 4, it can be understood that negligible means: (1)

A. solemn, grave, serious	B. substantial, considerable, large
C. exhilarating, thrilling, exciting	D. insignificant, small, unnoticeable

Q2: Put the words in brackets in the correct order. All the sentences are questions. (5)

1. (When / was / built / this house) _____
2. (how / cheese / is / made) _____
3. (when / invented / the computer / was) _____
4. (when / Sue / working / isn't / today) _____
5. (what time / coming / your friends / are) _____

Q3: Fill in the blanks with the correct adjectives or adverbs: (5)

1. I think you behaved very _____. (selfish / selfishly)
2. Hannah is _____ upset about losing her job. (terrible / terribly)
3. There was a _____ change in the weather. (sudden / suddenly)
4. Everybody at the party was _____ dressed. (colourful / colourfully)
5. Samantha likes wearing _____ clothes. (colourful / colourfully)

Q4: Fill in the blanks with Prepositions: (5)

1. We will be gone _____ two days. (for, since)
2. I have known him _____ three years. (for, since)
3. I will arrive _____ six o'clock. (at, in)
4. He has been gone _____ Friday. (for, since)
5. She is leaving _____ five minutes. (at, in)

Q5: Fill in the blanks with conjunctions: (5)

1. My friend Ava has just bought herself some new shoes _____ she already has some 20 pairs.
2. I love cycling _____ my wife prefers walking.
3. _____ the weather forecast spoke of wind and rain, we really enjoyed a warm and sunny afternoon.
4. I don't really believe everything he says. _____, I thoroughly enjoy being with him.
5. The children behaved like angels _____ the long drive and the hot weather.

although	however	although	yet	even though	but	so	because
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Q6: Choose the correct word from the options given to complete the sentences: (5)

1. He has spilt _____ ink on his clothes. (many/few/any/a little)
2. There is too _____ sugar in that drink. (much/many/few/a little)
3. It rained heavily. Only _____ children came to school. (much/many/a few/a little)
4. How _____ money did they steal? (a little/ few/much/many)
5. On Sundays there is not _____ traffic along this road. (many/much/several/few)

Q7: Change the following sentences into the passive voice: (5)

1. She was preparing coffee.
2. I know your science teacher very well.
3. The hunters killed the man-eating leopard.
4. The car hit the dog.
5. Julie answered the questions.

Q8: You are the secretary of the Sports club at your school, Bal Bharti School, New Delhi. Your school is organising a kite flying competition for the students of classes 6-8 on August 13, at the playground, from 9:30 a.m. to 12:30 p.m. Draft out a notice in not more than 60 words informing the students about the event. (5)

Q9: You are Pooja/Pankaj. You have planned a camping trip to Mussoorie. Your parents and a friend of yours are accompanying you. Write a letter to your friend with the help of the points given below, telling him about the trip and what things he/she must bring. (8)

- | | |
|---------------------------|------------------------|
| • Beautiful in the spring | Decide things to carry |
| • Mom taking utensils | Insect repellent |
| • Full sleeves clothes | Borrow a tent |

निर्देश : सभी प्रश्न करने अनिवार्य हैं ।

प्रश्न1 निम्नलिखित गद्यांश को पढ़कर प्रश्नों के उत्तर दीजिए :

10

विज्ञान ने मनुष्य को अनेक सुख-सुविधाएँ प्रदान किए हैं, परन्तु साथ-ही-साथ अनेक अभिशाप भी दिए हैं। विज्ञान के बल पर मनुष्य ने धरती, आकाश, अंतरिक्ष, पर्वत, सर्दी, गरमी आदि पर काबू पा लिया है। मनुष्य ने सुख-सुविधा की अनेक वस्तुओं के आविष्कार किए, परन्तु औद्योगिक कचरे से नदियों, समुद्र, तालाबों का पानी प्रदूषित कर दिया। पेड़-पौधे जिनसे वायु, फल, सब्जी लकड़ी, दवाइयाँ आदि प्राप्त होते हैं, उन्हें भी अंधाधुंध काट डाला। पर्यायवरण का संतुलन बिगाड़ दिया। यातायात के साधन तो बनाए, परन्तु उनसे फैलने वाले विषैले धुएँ पर ध्यान नहीं दिया। इसका दुष्परिणाम यह हुआ है कि मौसम में अचानक बदलाव आने लगा है। समुद्र का आकार बढ़ने लगा है। हमारे चारों ओर प्रदूषण-ही-प्रदूषण है - वायु प्रदूषण, जल प्रदूषण, ध्वनि प्रदूषण, मिट्टी प्रदूषण आदि। प्रदूषण बढ़ने का मुख्य कारण जनसंख्या में **अत्यधिक** वृद्धि है। जनसंख्या बढ़ने से रहने की जगह, रोटी, व्यवसाय आदि भी अधिक चाहिए, इसलिए वनों का कटना तथा कारखानों का बढ़ना जारी है।

1. उपरोक्त गद्यांश के लिए उपयुक्त शीर्षक बताइए।
2. प्रदूषण कितने प्रकार के होते हैं ?
3. नदियों समुद्रों आदि का जल किस कारण प्रदूषित हो रहा है ?
4. प्रदूषण बढ़ने का मुख्य कारण क्या है ?
5. 'अत्यधिक' शब्द की संधि-विच्छेद कीजिए।

प्रश्न2. निम्नलिखित वाक्यों के रेखांकित शब्दों के विलोम शब्द लिखकर वाक्यों की पूर्ति कीजिए :

5

1. किसी कार्य को करने में **आलस्य** नहीं ----- दिखाओ।
2. परीक्षा में अधिकांशतः सभी बच्चे उपस्थित रहते हैं, बहुत कम ----- रहते हैं।
3. हमें लोगों के **गुणों** को देखना चाहिए, ----- को नहीं।
4. बच्चों ने कक्षा में शोर मचाकर **आकाश** ----- एक कर दिया।
5. ----- सदैव पराजित होते हैं और **वीर** सदैव विजयी होते हैं।

प्रश्न3. निम्नलिखित शब्दों के तीन-तीन पर्यायवाची शब्द लिखिए -

6

1. अहंकार _____
2. रास्ता _____
3. इच्छा _____
4. आकाश _____

प्रश्न4. निम्नलिखित मुहावरों का अर्थ लिखकर वाक्य प्रयोग कीजिए :

8

1. अंधे की लकड़ी
2. आकाश के तारे तोड़ना
3. ईद का चाँद होना
4. कान भरना।

प्रश्न5. निम्नलिखित वाक्यों में कारक चिह्नों को रेखांकित करके कारक का नाम लिखिए :

5

1. रोहिणी ने भी मुरलीवाले का स्वर सुना था। _____
2. यह मेरी माता जी की तस्वीर है। _____
3. हे ईश्वर! मुझ पर कृपा करो। _____
4. छत पर शिल्पा की किताब रखी है। _____
5. बाढ़ पीड़ितों के लिए चंदा जमा किया गया। _____

प्रश्न6. निम्नलिखित शब्दों से विशेषण बनाइए :

4

मास, शहर, भारत, नमक, भाग्य, धन, भूगोल, पीड़ा।

प्रश्न7. कक्षा में पंखा बदलवाने के लिए प्रधानाचार्य जी को प्रार्थना-पत्र लिखिए।

4

प्रश्न8. निम्नलिखित में से **किसी एक** विषय पर 80-100 शब्दों का अनुच्छेद लिखिए।

8

मेरा प्रिय खेल **अथवा** पुस्तकालय

SECTION A [1 x5=5 marks]

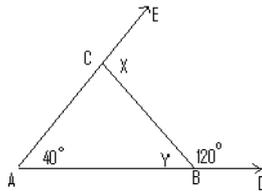
1. Evaluate : $\left(\frac{2}{3}\right)^{-1}$
2. Find the value of 25% of 160?
3. Simplify: $-6ab + ab - 9ab$
4. What is the sum of all angles at a point?
5. What is the volume of a cube if each edge measures 3 cm?

SECTION B [3X5=15 marks]

6. Evaluate: $\left(\frac{8}{5}\right)^{-3} \times \left(\frac{8}{5}\right)^2$
7. Subtract $-6p + q + 3r + 8$ from $p - 2q - 5r - 8$
8. Factorize: $81 - 49x^2$
9. If 26% of a number is 65, then find the number?
10. If 12 men can do a piece of work in 25 days. In how many days can 20 men do the same work?

SECTION C [5X6=30 marks]

11. Find the value of x and y in the given figure



12. Construct a triangle ABC in which $BC = 5.5\text{cm}$, $\angle B = 60^\circ$ and $AB = 4.5\text{ cm}$. Write the steps of construction also.
13. Solve: $9x + 5 = 4(x - 2) + 8$
14. How many times will the wheel of a car rotate in a journey of 88km if the diameter of wheel is 56 cm? ($\pi = \frac{22}{7}$)
15. The ages of Rahul and Raman are in the ratio 5:7. Four years later the sum of their ages will be 56 years. What are their present ages?
16. If the perimeter of rectangle is 36 cm and the length of rectangle is 8 cm, then find its breadth.

SAMPLE PAPER

Q1. Fill in the blank (10 marks)

1. The green pigment present in the leaves which helps in photosynthesis is called _____.
2. Name two ruminating animals _____.
3. The food prepared in the leaves of plants is transported throughout the plant body through the process called _____.
4. The process of breaking down of food to release energy is called _____.
5. Whales breathe through _____.
6. _____ is called the ship of the desert.
7. The long winter sleep of some animal is called _____.
8. Valency is the _____ power of an atom.
9. Acid turn _____ litmus _____ and bases turn _____ litmus to _____.
10. Light travel is a _____ line.

Q2. Define the following (any five) (10 Marks)

1. Reflection
2. Transpiration
3. Autotrophs
4. Pollination
5. Symbiosis
6. Anaerobic respiration

Q3. Answer of the following question (10 marks)

1. How does exchange of gases occur in plants?
2. Why is dispersal of seed necessary?
3. Mention four ways in which camel adapts itself to survive in a desert.
4. What is rusting? What is the condition in which rusting takes place?
5. A car travels 400 meter in 20 seconds. Find its speed.

Q4. Differentiate between the following: (10 marks)

1. Concave and Convex lens.
2. Afforestation & Deforestation.
3. Unicellular Organism and Multicellular Organism.
4. Sexual & Asexual reproduction.
5. Physical and Chemical changes.

General Knowledge

Match the followings

(5 marks)

- | | | |
|----------------------------|---|--------------------------------------|
| 1. Archeology | = | Mumbai |
| 2. Psychology | = | Microsoft corporation. |
| 3. Bill Gates | = | telescope |
| 4. Bombay | = | ancient culture & periods of history |
| 5. Viewing distant objects | = | study of human mind |

Write the full form of the following acronyms given below.

(5 marks)

1. MBBS _____
2. LED _____
3. CNG _____
4. AIIMS _____
5. ECG. _____
