



MACRO VISION ACADEMY, BURHANPUR

Entrance Sample Paper (2019-20)

Class: VII

Time: 1:30 Hrs.

M.M.:60

English (15 Marks)

I Read the passage carefully and answer the questions that follow:

5

There were two twin sisters Sania and Taniya. They were identical twins, even their mother found it hard to differentiate between them. However, they were like two poles apart when it came to everything other than their appearance Sania loved sweets and Taniya liked to eat spicy food. While Sania was generous, Taniya was greedy. Their father wanted to share his fortune equally. However, Taniya did not agree and around that whoever is more intelligent should get higher share. The father decided to organized a competition.

The two were ordered to walk as long as they can and return before Sunset. Whoever covers the longer distance and returns before sunset will get more wealth. Sania walked slowly and steadily, while Taniya started to run instantly. The distance they cover until mid-moon will be equal to the distance they would reach home before sunset. It was mid-noon and Sania decided to return home in time. Taniya, in his greediness to earn more wealth, did not return even after mid-noon. She walked two times longer distance compared to Sania. Unfortunately, she could not even make half way to home before sunset. She lost the race due to greediness.

1. Why does the father decide to organize a competition?
2. Who won the competition?
3. Write the synonym for the word "Sunset". _____
4. How can you say that Taniya was greedy ?
5. Saniya loved sweets while Taniya liked to eat -----

II. Do as directed.

1. Fill in the blanks with suitable articles: 2
 - (a) Gold is _____ precious metal.
 - (b) It is _____ hottest day of the season.
2. Fill in the blanks with correct auxiliary given in the bracket.(is/are) 2
 - (a) Sheila and I _____ preparing dinner today.
 - (b) The minister _____ coming to inaugurate the function today.
3. Fill in the blanks with either "since" or "for". 3
 - (a) Mr. Roy has been visiting here _____ 2010.

(b) He has been practicing football _____ 3 weeks.

(c) It has been raining _____ last night.

III. Write a paragraph on any one of the following:

3

(a) My Favorite Game

(b) A Visit to a Historical Place

Mathematics (25 Marks)

I .Mark the correct alternative in each of the following:

5

1. The predecessor of the smallest prime number is
(a) 1 (b) 2 (c) 3 (d) 4
2. Which of the following is a fraction equivalent to $\frac{2}{3}$
(a) $\frac{4}{5}$ (b) $\frac{8}{6}$ (c) $\frac{10}{25}$ (d) $\frac{10}{15}$
3. 31.08 as a mixed fraction is
(a) $31\frac{1}{25}$ (b) $31\frac{2}{25}$ (c) $31\frac{3}{5}$ (d) None of these
4. The ratio 384 : 480 in its simplest form is
(a) 3 : 5 (b) 5 : 4 (c) 4 : 5 (d) None of these
5. A perpendicular drawn from a vertex to the opposite side of a triangle is known as
(a) an altitude (b) a median (c) a bisector (d) None of these

II. Solve the following:

8

1. Express as km using decimals
(a) 1125 m (b) 125 m.
2. Solve: $\frac{2}{3} + \frac{1}{4} + \frac{1}{2}$
3. Which is the greater one $\frac{5}{6}$ and $\frac{13}{15}$
4. Write the opposite of the following:
(a) Deposite of Rs.1800
(b) 100 m below the sea level

III. Solve the following:

12

1. A bus travels 90 km in $2\frac{1}{2}$ hours. How much time is required to cover 30 km with the same speed ?
2. Kavita bought $\frac{2}{5}$ metre of ribbon and Rupali bought $\frac{3}{4}$ metre of ribbon. What is the total length of the ribbon they bought ?
3. Hema spent Rs. 9.50 for buying a pen and Rs. 2.50 for one pencil. How much money did she spend ?
4. Two tankers contain 850 litres and 680 litres of kerosene oil respectively. Find the maximum capacity of a container which can measure the kerosene oil of both the tankers when used an exact number of times.

Science (15 Marks)

I. Choose the correct answer:

5

1. A honey bee flying in the sky
(a) Spin (b) Revolution (c) Rotation (d) Translatory motion
2. Which of these is a good conductor of electricity
(a) Charcoal (b) Diamond (c) Graphite (d) Dry wood
3. Light travels in a
(a) Wave (b) Curve (c) Straight line (d) Zig-Zag manner
4. Pollens are present inside the
(a) Anther (b) Ovary (c) Stigma (d) None of these
5. Shiny appearance of a metal is called
(a) Transparency (b) Smoothness
(c) Lustre (d) Solubility

II. Give one word for the following:

3

1. Sense of feeling in living organism.
2. Network of veins along a leaf blade is called.
3. A group of similar tissue that work together.

III. Answer the following questions:

5

1. What is endoskeleton?
2. What is adaptation ?
3. What do you understand by curvilinear motion?
4. What is conduction?
5. Name any two modern gadgets in which magnet is used.

IV. Draw a label diagram of: (Any-1)

2

(a) A flowering Plant

(b) Sedimentation and decantation

हिन्दी (5 अंक)

I. मोबाइल फोन का एक आकर्षक विज्ञापन तैयार कीजिए।

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अथवा

अपने मामाजी को जन्मदिन के उपहार के लिए धन्यवाद पत्र लिखिए।