MACRO VISION ACADEMY, BURHANPUR

Entrance Sample Paper (2019-20)

Class: VI	Time: 1:30 Hrs.	M.M.: 60

English (15 Marks)

I. Read the passage carefully and answer the questions below: **5**

Yesterday was Sunday. Seema and Tom got up late in the morning. They brushed their teeth and bathed. They got ready and went for breakfast. They put napkins under the plate. Seema spreaded butter on the slice of bread. Tom put sugar in the milk. Both of them drank milk and ate bread. They did not talk while chewing the food. They kept all the things back in the kitchen. They cleaned the table with duster. They enjoyed their Sunday a lot.

1. Who got up late in the morning?

2. Write opposite of:

   (a) Early_____(b) Dirty _____

3. Fill in the blanks with suitable words from passage.

   (a) They drank _____and ate _____

   (b) Tom and _____ kept all the things back in the kitchen.

II. Fill in the blanks with prepositions given in the brackets. (on, above) **2**

(a) Children enjoyed their picnic _____ the beach.

(b) People admired the full moon shining _____.

III. Fill in the blanks with 'A' 'An' or 'The'. **3**

(a) _____ engine of car is not working .

(b) _____ sun rises in _____ east.

IV. Fill in the blanks with suitable conjunctions: (and, else) **2**

(a) We must eat _____ die.

(b) Trust in God _____ do the right.

**V. Write an application to your Principal requesting him to grant leave .
Also mention reasons.** **3**

Mathematics (25 Marks)

I.   Choose the correct answer: **5**

(1) A Ray has _____ end points.

   (a) 0   (b) 1   (c) 2   (d) None of these

(2) In improper fraction numerator is _____ than the denominator.

   (a) Greater   (b) less   (c) equal   (d) None of these

(3) If the side of square is 5 cm then the perimeter of square is _____ cm.

   (a) 25   (b) 15   (c) 20   (d) None of these

(4) 1.5 × 100 = _____

   (a) 1500   (b) 150   (c) 15   (d) None of these

(5) Reciprocal of $\dfrac{6}{11}$ is _____.

   (a) $\dfrac{-6}{11}$ (b) $\dfrac{11}{6}$ (c) $\dfrac{-11}{6}$

II. Solve the following: **8**

(1) Simplify using BODMAS rule $64 \div 16 \times (3+2)$

(2) Reduce fractions to the lowest terms.

   (a) $\dfrac{12}{38}$ (b) $\dfrac{150}{124}$

(3) What should be added in 5, 25,136 to get 8, 88, 888 ?

(4) Solve: $2\dfrac{1}{5} \div 2\dfrac{3}{4}$

III.   Solve the following: **12**

(1) The cost of 125 colour TV sets is Rs. 31, 94,375. Find the cost of 1 colour TV set.

(2) Rupesh bought a bicycle for Rs. 2590. He sold it for Rs. 2700. Find his profit or loss.

(3) Convert as required.
   (a) 8505 ml into litre.   (b) 25g into kg.

(4) What kind of angle is formed between the following directions?
   (a) North and East.   (b) North and South.
   (c) South and North-West.

Science (15 Marks)

I. **Choose the correct answer:**   **5**

    (1) Which of these is a reason for air pollution?

      (a) Industrial waste   (b) Oil spill

      (c) Throwing of plastic in water bodies   (d) Smoke from the vehicles

    (2) Which is the control center of the human body?

      (a) Nerves   (b) Spinal cord   (c) Brain   (d) Kidneys

    (3) Where does a shark live?

      (a) Rivers   (b) Seas   (c) Lakes   (d) Ponds

    (4) Which one is not the layer of the earth?

      (a) Crust   (b) Mantle   (c) Core   (d) Humus

    (5) Which of the following work on solar energy?

      (a) Cookers   (b) Heaters   (c) Microwave   (d) Both (a) & (b)

II. **Answer the following in one word:**   **3**

    (1) Name the deficiency of vitamin A.

    (2) Name the process of scattering of seeds away from the parent plant.

    (3) Name the layer of air that surrounds the earth.

III. **Answers the following:**   **5**

    (1) Define:-

      (a) Mechanical force   (b) Magnetic force

    (2) What is an epicenter?

    (3) What is solar energy?

    (4) What are natural resources?

IV. **Draw a neat and clean diagram of germination of seed.**   **2**

हिन्दी (अंक-5)

प्रश्न:1 अपने मित्र को जन्मदिन का निमंत्रण देते हुए पत्र लिखिए।   **5**

<div align="center">अथवा</div>

किसी एक विड्डय पर अनुच्छेद लिखिए।

(क) मेरा प्रिय खेल   (ख) कंम्प्यूटर