



# MACRO VISION ACADEMY, BURHANPUR

Office Use

## Sample Paper

Class: VIII (Set-A)

Time 2:00 Hrs.

M.M.: 60

Student's Name:- \_\_\_\_\_ Father's Name \_\_\_\_\_

City:- \_\_\_\_\_ Mobile No: \_\_\_\_\_ Exam Date: \_\_\_\_\_

Studying in:- \_\_\_\_\_ Board:- MP Board/CBSE/Other \_\_\_\_\_ Appearing for class \_\_\_\_\_

OFFICE USE	ENGLISH 15	MATHEMATICS 25	SCIENCE 15	HINDI 05	OBTAINED MARKS 60

### English (15 Marks)

**I Read the passage carefully and answer the following questions. 5**

National Highway 4 ran through Nasik, linking Mumbai and Agra, two great cities. For four people who sat down recently to lunch, it was a memory so dear that those who revisited the city said it was better not to return, for the change was deeply unsettling. We went there as children and some of us were even born there. The economic boom was still about 30 years away and the small town's fame, such as it was rested largely on the legend of an epic exile. A German MNC was headed by quick-to-temper German, whose impatience with mediocrity was matched only by his pursuit of perfection. The highway was critical for the 12 houses of a colony that the company had requisitioned for families from all over the country. Several people from Bangalore stayed there in forced conviviality.

The highway was interesting for children. A left took us to Green View restaurant, which was really a dhaba; a right to Hotel Dwaraka, a traffic junction so busy for a small town that became a landmark. For us in the colony, the dhaba was a place we could walk to for birthdays and sundry other celebrations. On the highway, we kids waited for buses that ferried us from schools. Huge trucks roared by on their way to somewhere laden with goods.

- National highway 4 ran through \_\_\_\_\_.  
(a) Mumbai (b) Nasik (c) Agra (d) Jaipur
- The economic boom was still about \_\_\_\_\_.  
(a) twenty years away (b) thirty years away  
(c) forty years away (d) fifty years away
- The highway was interesting for \_\_\_\_\_.  
(a) children (b) boys (c) men (d) women
- On the highway, we kids waited for \_\_\_\_\_.  
(a) buses (b) cars (c) trains (d) three-wheelers
- 'Mediocrity' means \_\_\_\_\_.  
(a) a fairly low quality (b) a middle standard  
(c) a good medicine (d) a high quality

**II Do as directed:**

**(A) Choose the correct alternative that is given in the brackets. 2**

- It is he who \_\_\_\_\_ just spoiled the game. (has/will/have)
- Which of these umbrellas \_\_\_\_\_ yours ? (is/are/am)



**Mathematics (25 Marks)**

**I Choose the correct answer.**

**5**

1.  $-3$  can be written in the form of  $\frac{p}{q}$  as \_\_\_\_\_

(a)  $\frac{-3}{-1}$

(b)  $\frac{1}{-3}$

(c)  $\frac{-3}{0}$

(d)  $\frac{-3}{1}$

2.  $-8ab - (-8ab)$  equals \_\_\_\_\_

(a)  $-8ab$

(b)  $0$

(c)  $8ab$

(d)  $16ab$

3. The number of lines of symmetry in a square is \_\_\_\_\_

(a)  $1$

(b)  $2$

(c)  $3$

(d)  $4$

4.  $3^0 + 5^0 + 4^0$  is equal to \_\_\_\_\_

(a)  $1$

(b)  $2$

(c)  $3$

(d)  $12$

5.  $[36 \div (-9)] \div [(-24) \div 6]$  is equal to \_\_\_\_\_

(a)  $1$

(b)  $-1$

(c)  $4$

(d)  $-4$

**II Solve the following:**

**8**

1. A rectangular field is  $18\frac{2}{5}$  m long and  $11\frac{2}{23}$  m width. Find its area.

2. Solve the equation  $3y + 7 = 22$ .

3. A man purchased an article for Rs. 300 and sold it for Rs. 330. Find his profit and profit percent.

4. Simplify:  $\left(\frac{5}{6} \times \frac{13}{2}\right) + \left(\frac{-9}{4} \times \frac{5}{3}\right)$

**III Solve the following:**

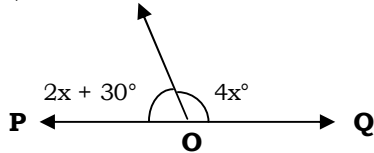
**12**

1. Arrange  $\frac{3}{-4}$ ,  $\frac{-1}{3}$ ,  $\frac{-7}{-9}$ ,  $\frac{5}{6}$  in descending order.

2. The diameter of a wheel of a car is 56 cm. Find the distance travelled by the car in 600 rotations.

3. Simplify:  $(2^5)^{11} \times (2^{15})^4 - (2^5)^{18} \times (2^5)^5$

4. In figure, what value of  $x$  would make POQ a straight line.



**Science (15 Marks)**

**I Choose the correct answer: 5**

1. The green insectivorous plants trap insects, kill them and digest them to obtain mainly  
 (a) Glucose                      (b) Starch                      (c) Nitrogen                      (d) Oxygen
2. Which of the following does not yield wool ?  
 (a) Yak                              (b) Camel                      (c) Goat                              (d) Woolly dog
3. The heat from the sun reaches us by the process of  
 (a) Conduction                      (b) Convection                      (c) Radiation                      (d) None of these
4. In plants, water is transported through  
 (a) Xylem                              (b) Phloem                      (c) Stomata                      (d) Root hair
5. The filament of an electric bulb is made of  
 (a) Iron                              (b) Nickel                      (c) Nichrome                      (d) Tungsten

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

1. The rain which contains a higher level of acid is called.  
 Ans: \_\_\_\_\_.
2. The process of artificial separation of wastes from blood.  
 Ans: \_\_\_\_\_.
3. The process of transferring of pollen grains from an anther to stigma is called.  
 Ans: \_\_\_\_\_.

**III Answer the following questions: 5**

1. Name the scientist who invented the electric bulb.  
 Ans: \_\_\_\_\_.
2. What is a cyclone ?  
 Ans: \_\_\_\_\_.
3. What is a real image ?  
 Ans: \_\_\_\_\_.

