



MACRO VISION ACADEMY, BURHANPUR

Office Use

Sample Paper

Class: VIII (Set-B)

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

Character is formed by a variety of minute circumstances, more or less under the regulation and control of the individual. Not a day passes without its discipline, whether for good or for evil. The best sort of character, however, cannot be formed without effort.

There needs the exercise of constant watchfulness, self-discipline, and self-control. There may be much faltering, stumbling, and temporary defeat—difficulties and temptations manifold to be battled with and overcome; but if the spirit be strong and the heart upright, no one needs despair of ultimate success.

The man of character is conscientious. He puts his consciences into his work, into his words, into his every action. He is also reverential. The possession of this quality marks the noblest and highest type of manhood and womanhood: reverence for things consecrated by the homage of generations: for high objects, pure thoughts, and noble aims and for the great men of former times, and the highminded workers amongst our contemporaries. Reverence is alike indispensable to the happiness of individuals, of families, and of nations. Without it there can be no trust, no faith, no confidence either in man or God, neither social peace nor social progress.

- The best sort of character is formed by
 - constant watchfulness, self-discipline and self-control
 - improving others' character
 - criticizing the mistakes of fellow human beings
 - None of the above
- Temptations and difficulties can be overcome if
 - one gets depressed
 - one feels agitated
 - the spirit is strong and the heart is upright
 - one leads a comfortable and relaxed life
- A man of character puts his conscience into
 - his work
 - his words
 - his every action
 - All of the above
- A person who has good character is
 - reverential and conscientious
 - arrogant
 - haughty
 - proud
- Reverence breeds
 - trust
 - faith
 - confidence
 - All of these

Mathematics (25 Marks)

I Choose the correct answer. **5**

1. The pair of supplementary angles is
(a) $20^\circ, 170^\circ$ (b) $48^\circ, 72^\circ$ (c) $153^\circ, 37^\circ$ (d) $162^\circ, 18^\circ$
2. $\frac{-2}{5} + \frac{-1}{10}$ is equal to _____
(a) $\frac{-3}{10}$ (b) $\frac{-1}{2}$ (c) $\frac{1}{2}$ (d) $\frac{1}{10}$
3. The capital letters A and B has _____
(a) One line of symmetry (b) Many lines of symmetry
(c) No line of symmetry (d) Two lines of symmetry
4. $x\%$ of 25 is 17, then x equals _____
(a) 68 (b) 58 (c) 48 (d) None of these
5. $\frac{1}{3}$ of 2 hours is equal to _____
(a) 3600 seconds (b) 7200 seconds (c) 2400 seconds (d) 4800 seconds

II Solve the following. **8**

1. The mean of 4, 8, x, 7, 10 and 12 is 8. Find the value of x.

2. If two angle of a triangle are 41° and 48° , find its third angle.

3. Find $(a + b) \times (a - b)$ if $a = \frac{5}{4}$ and $b = -\frac{1}{3}$.

4. If the angle of a triangle are in the ration 1 : 1: 2, find the angles of the triangle.

Science (15 Marks)

I Choose the correct answer. 5

1. PH value of pure water is _____
(a) 6 (b) 7 (c) 8 (d) None of these
2. Lungs are the respiratory organs in _____
(a) Fish (b) Man (c) Earthworm (d) Cockroach
3. The process of heat transfer in air is called.
(a) Convection (b) Conduction (c) Radiation (d) None of these
4. What will be the speed of a car? If it is covering a distance of 60 km in 2 hours.
(a) 60 km/hr (b) 120 km/hr (c) 30 km/hr (d) None of these
5. Potato is a
(a) Rhizome (b) Stem tuber (c) Root tuber (d) Corn

II Answer the following in one word. 3

1. The process of transferring of pollen grains from an anther to the stigma is called.
Ans: _____.
2. The blood vessels which carry pure blood.
Ans: _____.
3. Finger like projections that increases the absorbing surface in intestine.
Ans: _____.

III Answer the following questions. 5

1. List the factors which determine the quality of wood.
Ans: _____
_____.
2. Why is mercury used in thermometer ?
Ans: _____
_____.
3. Give reason for browning of a brinjal after cutting.
Ans: _____
_____.

