

UNIVERSITY OF MUMBAI'S
GARWARE INSTITUTE OF CAREER EDUCATION AND DEVELOPMENT
ENTRANCE EXAMINATION FOR MASTERS IN PAINT TECHNOLOGY

DATE : 09-08-17

TIME 11 AM TO 12 NOON

MARKS : 50

Q. 1] Define the following :

(20 marks)

1) Vapour Pressure is -----

2) Adiabatic Process is-----

3) Thermochemistry is -----

4) Heterogeneous system is -----

5) Coulomb is -----

6) Corrosion is -----

7) Atomic Mass Number is -----

8) Polymer is -----

9) A Tranquillizer is -----

10) An Antiseptic is -----

Q. II] Circle your choice as a,b,c or d (20 marks)

- 1) The Concentration term independent of temperature is
a) Molarity b) Normality c) Molality d) Formality
- 2) The vapour pressure of water at 298 K is 18mm Hg, Its vapour pressure at 373 K would be
a) 760 mm b) 76 mm c) 760 cm d) 18 mm
- 3) A buffer solution has always,
a) pH = 7 b) pH = 10 c) definite pH
d) equal number of Hydrogen ions and Hydroxyl ions
- 4) The pH of human blood in a normal person is approximately,
a) 4.7 b) 6.04 c) 7.40 d) 8.74
- 5) When a radioactive substance is subjected to vacuum, the rate of disintegration,
a) decreases b) increases slowly c) is not affected d) increases very fast

