

SEAT NO.-----

UNIVERSITY OF MUMBAI
GARWARE INSTITUTE OF CAREER EDUCATION AND DEVELOPMENT
UNDER GRADUATE DIPLOMA IN PAINT APPLICATION TECHNOLOGY
ENTRANCE TEST

DATE ; 22/07/2009

TIME : 11.00AM -12.PM

MARKS: 50

Note: Attempt any FIVE questions.

- Q.1 Answer the followings .
- Which is the capital of China ?
 - Name three colours used for traffic signals.
 - name at least two Indian companies who manufacture paints.
 - Who was the Prime Minister of India during 2005-2006?
 - What are the currencies of UK and USA?
- Q2. Answer the followings.
- name three basic colours?
 - name any two resins used in paint?
 - Write any two white pigments?
 - What is molecular weight of water?
 - Write structural formula and molecular weight of methanol.
- Q3. Fill in the blanks.
- $42 + 720 + 3037 =$
 - $80 \times \frac{1}{2} + 30 \div 5 =$
 - $0.8 \times 0.05 + 45 =$
 - $1 + \frac{1}{4} \times 4 =$
 - $7 \times 9 \div 3 \times 7 =$
- Q4. Answer the following.
- Define Atomic Weight, Equivalent Weight and Molecular Weight.
 - Write the valencies of Carbon, Hydrogen, Oxygen and Nitrogen.
 - Write difference between Distemper paint and oil paint.
 - Which of the following is not gas?
a) N_2 b) H_2 c) O_2 d) H_2SO_4
 - Which of the following is not acid?
a) HCl b) HNO_3 c) $NaOH$ d) H_3PO_4
- Q.5 Answer the followings.
Write structural formula of the following compounds (any seven)
- Oxalic Acid 2) Ethanol 3) Carbon Tetra Chloride 4) Chloroform
 - Toluene 6) Hydrogen Peroxide 7) Ethylene 8) Vinyl Acetate
- Q.6 Define any four.
- Density b) Viscosity c) Specific Gravity d) Melting Point
 - Normality f) Boiling Point.

