

Roll No.

180213

1st year / Arch. Engg.
Subject : Building Materials

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple Choice Questions. All Questions are compulsory. (6x1=6)

Q.1 Fibre Glass

- Retain heat longer
- Has a higher strength to weight ratio
- Shock proof and fire retardant
- All of above

Q.2 The base material for distemper is

- a) Chalk b) Lime
c) Lime putty d) Cement

Q.3 Which types of tile is suitable for air conditioned rooms, gymnasium and skating rings?

- a) Wood tiles b) Cork tile
- c) Ceramic tile d) Concrete tile

Q.4 In paints, the pigment is responsible for

- a) Durability b) Colour
c) Smoothness d) Glassy face

- Q.5 Fibre board can be
- Distempered
 - Painted
 - Distempered & Painted
 - Used for furniture
- Q.6 Varnish is a transparent or semi-transparent solution of resinous substance in
- Alcohol
 - Linseed
 - Turpentine
 - All of above

Section-B

Note: Objective/Completion type questions. All questions are compulsory. (6x1=6)

- Q.7 Explain characteristics of good paint.
- Q.8 Define curtain glass.
- Q.9 Define Admixtures.
- Q.10 Define sealant.
- Q.11 Define terrazzo flooring.
- Q.12 Define uses of thermo coal in building industry.

Section-C

Note: Short answer type Question. Attempt any eight questions out of Ten Questions. (8x4=32)

- Q.13 Explain uses wall papers.

- Q.14 Explain various types of flooring tiles.
- Q.15 Explain used of laminated fiber board.
- Q.16 Write short notes on :
- G I Sheet
 - Slates
- Q.17 Write short notes on :
- Flushing Cistern
 - Wash Basin
- Q.18 Determine four uses of drier and thinner in paint.
- Q.19 Explain with sketches various types water closets used in Residential Building toilet.
- Q.20 Explain thermo coal and fibre glass.
- Q.21 Give difference between spirit polish and wax polish.
- Q.22 Define Accelerators.

Section-D

Note: Long answer questions. Attempt any two question out of three Questions. (2x8=16)

- Q.23 Explain various type of glass and its applications in building industry.
- Q.24 What are different types of False Ceiling Material. Explain two with supporting system.
- Q.25 What are various types of paint and explain difference between paint & varnishes.