

**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
- a) Retain heat longer
 - b) Has a higher strength to weight ratio
 - c) Shock proof and fire retardant
 - d) 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

 - a) Distempered
 - b) Painted
 - c) Distempered & Painted
 - d) Used for furniture

Q.6 Varnish is a transparent or semi-transparent solution of resinous substance in

 - a) Alcohol
 - b) Linseed
 - c) Turpentine
 - d) 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 fibber board.

Q.16 Write short notes on :

a) GI Sheet b) Slates

Q.17 Write short notes on :

a) Flushing Cistern b) 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.