

SECTION-D

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

- Q.23 Explain various type of Interior wall finishes and its applications in building industry.
- Q.24 Describe various uses of plastics in building industry w.r.t. flooring, roofing, wall panelling, Doors etc.
- Q.25 What are various types of paint and explain difference between paint & varnishes.

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**4th Sem. / Architectural Assistantship
Sub.: Building Materials and Construction-III**

Time : 3 Hrs. M.M. : 60

SECTION-A

Note: Objective type Questions. All Questions are compulsory. (6x1=6)

- Q.1 Which of the following is the purest form of iron?
- a) Cast iron b) Wrought iron
- c) Mild steel d) High carbon steel
- Q.2 The base material for distemper is
- a) Chalk b) Lime
- c) Lime putty d) Cement
- Q.3 Which types of tile are 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
- Q5. Polyvinyl chloride (PVC) is a
- a) Thermosetting material
 - b) Thermoplastic material
 - c) Elastoplastic material
 - d) Rigid-Plastic material
- 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: Very short answer type questions. All questions are compulsory. **(6x1=6)**

- Q.7 Explain characteristics of good paint.
- Q.8 Define thermoplastic.
- Q.9 Define stucco.
- Q.10 Define cement paint.

- Q.11 Define terrazzo flooring.
- Q.12 Define uses of thermo-coal in building industry.

SECTION-C

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

- Q.13 Explain uses of wall papers.
- Q.14 Explain various types of flooring tiles.
- Q.15 Explain uses of laminated fiber board.
- Q.16 Define parquet and Melamine and their application.
- Q.17 Explain uses of ferrous and non ferrous metal in the building industry.
- Q.18 Determine four uses of drier and thinner in paint.
- Q.19 Explain uses of plastics in the building industry.
- Q.20 Explain alloys & metals and their uses in building.
- Q.21 Differentiate between Thermoplastic and thermosetting plastic.
- Q.22 Describe the characteristics of PVC.