

### 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.