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I Semester B.Sc. Degree Examination, December/January - 2025/26

INTERIOR DESIGN AND DECORATION

Construction Materials - I

(SEP Scheme 2024-25 onwards Fresher & Repeater)

Paper : 1.2T

Time : 3 Hours

Maximum Marks : 80

*Instructions to Candidates:*

1. All Sections are Mandatory.
2. Illustrate wherever necessary.



SECTION - A

I. Answer any Ten of the following questions.

(10×2=20)

1. What are construction materials?
2. Define Damp Proof Course (DPC).
3. Give the list of geological classification of stone.
4. Define Cement , concrete.
5. Expand RCC and mention its uses.
6. Define timber.
7. What are ferrous Metals?
8. Mention any two user of MDF and HDF.
9. Define Door and Window.
10. Where are plastics used in Interior Design.
11. What is Cutting and Polishing?
12. Define Exposed brick work.

[P.T.O.]

**SECTION - B****II. Answer any Five of the following questions.****(5×4=20)**

13. Explain rat trap bond with a neat diagram.
14. List different classification of bricks.
15. Explain stretcher and Header bond with a neat diagram.
16. What is Cement? Explain the different types of Cement and Mention the uses of each.
17. Discuss the different types of seasoning of timber and its preservation.
18. Write a note on
  - a) Granite
  - b) Marble
19. a) Write the differences between ferrous and non ferrous metals.  
b) Mention the use of Metals in Interior Design and Decoration.

**SECTION - C****III. Answer any Five of the following questions.****(5×8=40)**

20. Show the detailed layout of
    - a) Corner brick
    - b) Junctions
    - c) Brick piers
  21. Explain Madras terrace roof with a neat diagram.
  22. Write a short note on
    - a) Lime mortar preparation
    - b) Cement mortar preparation
  23. a) Describe the cross section of timber and label the parts.  
b) Explain the differences between soft wood and Hardwood.
  24. List and Explain the properties of Metals.
  25. Write a short note on Industry timber
    - a) Plywood
    - b) Black board
    - c) Fiber Board
  26. Give the list of types of stones, dressing of stones, Finishes and the application in Interiors.
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