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III Semester B.V.A. Degree Examination, December/January - 2025/26

VISUAL ARTS INTERIOR AND SPATIAL DESIGN

Materials in Interior Design and Applications (Theory)

(SEP Scheme)

Time : 3 Hours

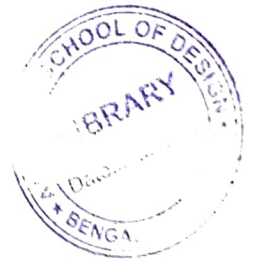
Maximum Marks : 80

*Instructions to Candidates:***All Sections are compulsory.****SECTION - A****I. Answer the following.****(10×1=10)**

1. What is the primary use of toughened glass in interiors?
2. What does MDF stand for ?
3. Which medium is used in oil-based paints?
4. What is the main purpose of applying primer before painting.
5. Which brick bond is commonly used for achieving maximum wall strength?
6. Why is cement stored in a dry place?
7. Where is aluminium commonly used in interiors?
8. In what form are wallpapers generally supplied?
9. What is the standard modular brick size used in India?
10. Where are fabric wall coverings commonly used in interiors?

SECTION - B**II. Answer the following. TRUE/FALSE.****(10×1=10)**

1. Aluminium is used for partitions because it is lightweight.
2. POP is stronger than cement plaster.
3. Water - based paints are eco-friendly and dry faster.
4. Knots and stains do not affect polish absorption on wood.
5. Lacquered glass has a coloured coating applied on one side.

**[P.T.O.]**



6. Wall papers are only used for residential interiors, not commercial spaces.
7. Softwood generally comes from fast-growing coniferous trees.
8. Glass partitions are commonly used to create transparent or semitransparent divisions in interiors.
9. Thermosetting plastics can be remoulded multiple times.
10. MDF is a natural form of wood cut directly from trees.

SECTION - C

III. Answer any Five questions.

(5×6=30)

1. Define brick and list any three types of bricks with sketches.
2. Define foundation. Name any three types of foundations. Support your answers with sketches.
3. Explain various wall partition materials. Sketch wherever necessary.
4. Explain the composition and fabrication process of glass.
5. Differentiate between ferrous and non-ferrous metals.
6. Give two differences between hardwood and softwood.
7. State any three common plaster defects and their remedies.

SECTION - D

IV. Answer any Three questions.

(3×10=30)

1. Explain in detail the composition, properties, and applications of concrete and Reinforced Cement Concrete (RCC).
2. Describe the classification of natural and industrial timber. Explain hardwood, softwood, plywood, block board, MDF, HDF and OSB in detail.
3. Describe the complete painting process. Mention tools and methods.
4. Explain the manufacturing process of bricks. Add diagram if necessary.
5. Explain wall finishes and coverings with examples.

