

Exam. Code : 106004

Subject Code : 1503

Bachelor of Design 4th Sem. (Batch 2020-24)

(Interior Design)

TECHNICAL THEORY

Paper-V

Time Allowed—3 Hours]

[Maximum Marks—75

Note :— Attempt *five* questions in all, selecting at least **one** question from each section. The **fifth** question may be attempted from any section. All questions carry equal marks. Draw neat sketches to illustrate your answer.

SECTION—A

1. (i) Explain 03 different types of materials used for panelling in an Interior Design.
- (ii) Write down the construction procedure for Plywood panelling based on frame work and Joint details. 5+10=15
2. (i) Define the technical terms :
 - (a) Springing Line
 - (b) Spandrel
 - (c) Voussoirs
- (ii) Describe the classification of Arches according to number of centers. 5+10=15

SECTION—B

3. Write short notes on (any Two) :
- (a) Raft Foundation
 - (b) Pile Foundation
 - (c) Stepped Foundation 7.5+7.5=15
4. Define partitioning of an Interior Design. Enumerate different materials used for construction of partition walls. Draw 02 joinery details used in erection of partition walls. 5+5+5=15

SECTION—C

5. (i) Draw a neat section through the external wall of an Interior project.
- (ii) What is the use of Damp Proof Course ? 10+5=15
6. Write down the step wise procedure for laying out Flooring. Mention 03 different types of flooring. 10+5=15

SECTION—D

7. (i) Differentiate between '*Random Rubble Masonry* and '*Ashlar Masonry*'. Draw neat sketches.
- (ii) What is the use of '*Through stone*' in stone masonry ? 10+5=15
8. "*Harnessing daylight in an Interior Design*".
Write an essay on the above mentioned title with emphasis on types of roofs. 15