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09ARC58

**Fifth Semester B.Arch. Degree Examination, Jan./Feb. 2021**

**Theory of architecture – I**

Time: 3 hrs.

Max. Marks:100

**Note: Answer any FIVE full questions.**

- 1 a. Discuss the meaning of theory and Architecture and their relationship. (08 Marks)  
b. Discuss the meaning of Design and principle. Mention different types of Design principles. (12 Marks)
- 2 a. Differentiate between material proportion and structural proportion. (10 Marks)  
b. Differentiate between monumental scale and super scale. (10 Marks)
- 3 a. What is Repose? How is it achieved in design? (10 Marks)  
b. Explain the role of harmony in design. (10 Marks)
- 4 Explain the following organizing principles with the help of illustrations :  
a. Axis (10 Marks)  
b. Rhythm. (10 Marks)
- 5 a. Discuss the role of ornamentation in Architecture. (05 Marks)  
b. Explain with sketches different types of ornaments used in design. (15 Marks)
- 6 a. Explain a datum with examples. (10 Marks)  
b. Differentiate between junction ornament and edge ornament with the help of illustrations. (10 Marks)
- 7 a. List the criteria for the decision as to what type of spatial organization is to be used in a specific situation. (10 Marks)  
b. Sketch any two examples for centralized spatial organization. (10 Marks)
- 8 a. Elaborate on the factors that determine the use of materials. (10 Marks)  
b. Trace the evolution of the use of stone and glass over the eras with examples and sketches. (10 Marks)