

Master of Design (M.Des.) Examination, 2018
Semester - I
Specialization in Furniture & Interior
Paper – MFI-I/04
(Furniture Technology & Interior-I)

Time: Three Hours

Full Marks: 80

Questions are of value as indicated in the margin.
*Answer **any eight** questions.*

1. Answer the following questions:
 - a) Distinguish between strength and stability of furniture. 3
 - b) Explain the stability of a furniture in relation to center of gravity (CG) 7
2. Answer the following questions:
 - a) Discuss the use of curves in respect to furniture design. 6
 - b) Complete the paragraph below by filling up the blanks: 4
“A point generates a; a
..... generates a.....;
and a generates a solid.”
3. Answer the following questions:
 - a) What do you understand by storage? Explain storage in respect to bedroom. 8
 - b) Name two commonly used shapes in kitchen interior. 2
4. Answer the following questions:
 - a) Why we need space planning? 2
 - b) How do you explain work-flow when designing an office floor? 4
 - c) What are the considerations taken before an work station in an office is designed? 4
5. Answer the following questions:
 - a) Draw a regular octahedron with its net and plan 3
 - b) What are the factors affecting interior decoration. 3
 - c) What do you understand by proportion in interior? 4
6. Explain natural ventilation and mechanical ventilation. Sketch with operating system. 10
7. Differentiate between the following with the help of sketches: 5 x 2 = 10
 - a) Paneled door and glazed door
 - b) Revolving door and swing door
8. Compare between the following with the help of sketches: 5 x 2 = 10
 - a) Corner window and big window
 - b) Gable window and dormer window
9. Write short notes on: 2.5 x 4 = 10
 - a) Segmental arch
 - b) Multi- storeyed apartment
 - c) Lintel
 - d) Ceiling
10. Answer the following questions: 5 x 2 = 10
 - a) Draw and describe the projection of water tap and shower
 - b) Draw and describe the projection of exhaust fan