

P P SAVANI UNIVERSITY

Fifth Semester of B.ID Examination

December 2021

SDID3161 Interior Services II

22.12.2021

Time: 09:00 a.m. To 12:00 p.m.

Maximum Marks: 100

Instructions:

1. The question paper comprises of two sections.
2. Section I and II must be attempted in separate answer sheets.
3. Make suitable assumptions and draw neat figures wherever required.
4. Use of scientific calculator is allowed.

SECTION - I

- Q - 1 Answer the Following: (Objective) [10]
- (i) Material, spark and required to occur fire
 - (ii) Buildingsystem is BAS.
 - (iii) Positiveis required in dedicated escape route.
 - (iv)material delay the fire.
 - (v) Horizontal wall is always proof
- Q - 2 (a) Explain fire triangle [10]
- Q - 2 (b) Explain types of fires. [10]
- OR
- Q - 2 (a) Write short note on BIM system. [10]
- Q - 2 (b) Explain digital access control system. [10]
- Q - 3 (a) Explain dedicated escape route as fire escape route. [10]
- Q - 3 (b) Write short note on fire extinguishers [10]
- OR
- Q - 3 (a) Short Note on types of buildings as per NBC [10]
- Q - 3 (b) Short Note on automatic fire sprinklers. [10]
- ### SECTION - II
- Q - 1 Answer the Following: (MCQ/Short Question/Fill in the Blanks) [10]
- (i) Height of buildings is decided on the basis of firefighting equipment's with local government. True/false
 - (ii) DDC is direct digital control true/false
 - (iii) BIM is Bombay intelligent masking. Ture /false
 - (iv) BAS is building automation system, true/false
 - (v) Fire extinguishers is small handy device to extinguish fire. True/false.
- Q - 2 (a) Explain fire safety of live stocks and measures taken. [05]
- Q - 2 (b) Short Note on Dry riser and wet riser. [05]
- OR
- Q - 2 (a) Enlist fire retardant materials. [05]
- Q - 2 (b) Enlist flammable materials [05]
- Q - 3 (a) Firefighting measures in high rise buildings. Explain [10]
- Q - 3 (b) Types of Fire extinguishers. explain [10]
- OR
- Q - 3 (a) Short Note on planning provisions to prevent occurrence of fire. [10]
- Q - 3 (b) Short Note on use of digital technology in maintenance of building [10]
- Q - 4 Attempt anyone. [10]
- (i) What is Noise? [10]
 - (ii) Explain in your own words how will you design the acoustics of a classroom.