

BACHELOR OF ARCHITECTRE FIFTH YEAR FIRST SEMESTER – 2023

SUBJECT : **PROFESSIONAL PRACTICE**

Time: 3 Hrs | Full marks : 100

**Question 1 : (Answer: Any 4 | Marks: 5 each)**

A fundamental aspect of any PROFESSIONAL PRACTICE, especially that of an ARCHITECT is "RESPONSIBILITY". Thus enumerate and briefly explain the "RESPONSIBILITIES OF AN ARCHITECT" towards the following.

- a. RESPONSIBILITIES OF AN ARCHITECT towards his/her Client
- b. RESPONSIBILITIES OF AN ARCHITECT for the future users of his/her building
- c. RESPONSIBILITIES OF AN ARCHITECT for the Neighbouring Community and society at large
- d. RESPONSIBILITIES OF AN ARCHITECT for the Environment
- e. RESPONSIBILITIES OF AN ARCHITECT for the Workers on his/her site

**Question 2 : (Answer: Any 8 | Marks: 5 each)**

Ensuring safety and protection to life is one of the most significant responsibility of an Architect. Briefly Explain or Define the following

- a. Automatic Fire Detection and Alarm System
- b. Emergency Lighting System
- c. Fire Risers (Dry)
- d. Fire Risers (Wet)
- e. Exit
- f. Fire Barrier (or Fire Resisting Barrier)
- g. Fire Compartment
- h. Fire Door and Fire Door Assembly
- i. Refuge Area
- j. Pressurization

**Question 3 : (Answer: Any 2 | Marks: 10 each)**

Give a brief explanation

- a. Firefighting Shaft (Fire Tower) (provide a Sketch)
- b. Dead End (provide a Sketch)
- c. Water Based Suppression System
- d. Emergency Power Backup
- e. Fire Detection System

**Question 4 : (Marks: 10 )**

What are the different stages of Architectural Professional Practice, elaborate any two.

**Question 5 : (Marks: 10)**

Enumerate the various professional options a young architect has after successful completion of Bachelors in Architecture. Considering your own personal strengths and weakness, which one would you LOVE to pursue.