SARVAJANIK UNIVERSITY

B.ID - III SEMESTER– V EXAMINATION

Course Code: BIID21502   **Total Marks: 50**

Course Name: Interior Material systems and Services - III

Instructions:

1. Attempt all questions.
2. Make suitable diagrams/Sketches wherever necessary.

Q1.	Answer the following	10
	1. In paint _____ enhance certain properties such as ease of brushing, mould resistance, scuff resistance, drying and sag resistance. 2. Plastering done on external exposed surfaces, it is known as _____. 3. In _____ the material is a factory-made product produced by partial or complete dehydration of mineral. It is available in powder form and in white color. 4. A fire triangle has _____, _____, & _____ as three components. 5. Filtration, drainage and reinforcement are the process of _____. 6. _____ fabrics are resistant to wrinkles, shrinkage and fading. 7. The three types of Combustion are _____, _____, & _____. 8. Lift was first time introduced to world by _____ in the year _____. 9. Traction lift work on _____ principle 10. _____ type of escalator is used for freeform vertical movement.	
Q.2	Answer the following in Brief (Attempt ANY 5)	10
	1. What is the main purpose of a fire alarm? 2. List the Functions of Paint 3. Explain in Brief consumer textile and technical textile? 4. List the Purposes of Plastering any surface 5. Explain in brief Step type of Escalator 6. List the points to be considered for elevator planning	
Q.3.	Answer the following in Detail (Attempt ANY 2)	20

1. What are Paints? List its ingredients and further Differentiate between Water based paint and Oil based paints.
2. What is animal-based textile explain in detail.

3. What is elevator? Enlist the various types of Elevators with the chart in detail?

Q.4.	Answer the following (Attempt ANY 2)	20% Marks
	1. Design a partition panel for the staffroom space using smart textile/urban fabric which also include the interactive panel in it. Explain through required sketches and details. [size :1.2 Mtr X 2.3 Mtr] 2. Sketches and explain in brief different Patterns in Wall paper 3. Draw the sketch of components of escalator and explain all component in detail	10