Enrolment No._____

SARVAJANIK UNIVERSITY

S-2025 Date: 23-05-25 Time: 09:30 AM to 12:30 PM
Backlog Exam

B. Interior Design - SEMESTER– 5 EXAMINATION

Course Code: BIID22503 **Total Marks : 180**

Course Name: Interior Material, Systems & Services - III

Instructions:

1. **Attempt all questions.**
2. **Make suitable assumptions wherever necessary.**
3. **Figures to the right indicate full marks.**
4. **Draw Illustrations, Sketches, Labeled Diagrams where ever applicable**

Q1.	Answer the following (Compulsory)	36 Marks
1)	Mud plaster can be applied in interiors and exteriors too. (True / False)	
2)	Lesser the Thickness of Bricks the more hours it can withstand deterioration due to Fire. (True or False)	
3)	Spiral Escalators are stacked criss cross and go in single direction and reduces structural space requirement. (True or False)	
4)	Paternoster is a passenger elevator which consists of a chain of open compartments that move slowly in a loop up and down inside a building without stopping. (True or False)	
5)	Extenders are used to carry pigments and binders in the paint. (True / False)	
6)	Recycled Materials can also be given R Value Fire Rating. (True / False)	
7)	Stucco platser is the smoothest plaster and does not apply in the interior to achieve textured surface. (True / False)	
8)	Coir and Hemp are the cellulosic based fabrics. (True or False)	
9)	_____ Conductivity is the rate at which _____ is transferred.	
10)	_____ is the maximum inclination angle for 'Inclined Travelators'.	
11)	Full Form of NBC is _____.	
12)	In consumer textiles, _____and _____ are the most important factors.	
13)	When lime is used as the binding material, it is called _____ plaster.	
14)	The two important aspects of elevator design are _____ and _____.	
15)	Cracking, Flaking & Peeling are various types of _____ in colors.	
16)	_____, _____ and crocheting are the different techniques of Fabrics.	
17)	Average time between departures of cars from lobby is called as _____.	
18)	_____ and _____ fibers have good elasticity and resistance to stretching.	
Q.2	Answer the following (write any 6)	**36 Marks**
1.)	Describe lime plaster in brief.	
2.)	What is the difference between textile and fabrics?	

3.)	What is the difference between a Fire Fighting Service Staircase Core and any other Service Core.	
4.)	List down constituents of paints.	
5.)	List the Class of Fire Extinguishers used for different Types Of Materials in Tabular Form.	
6.)	Describe pebble dash plaster in brief.	
7.)	What are the key characteristics of acrylic fabric?	
8.)	Explain How building Codes (for Margins, Ventilation, Light) helps in Preventing Fire.	
9.)	What is the step-by-step process involved in obtaining cashmere and converting it into fabric?	
Q.3.	Answer the following in Detail (write any 3)	**54 Marks**
1.)	Describe types of plaster with examples.	
2.)	What is a Refuge Area? What is the height at which it should be provided? Draw a labeled diagram with dimensions to explain. Draw a labeled diagram of Fire Escape Route of any Building indicating the direction of the route and location of all openings.	
3.)	What are Traction Elevators and explain its types in detail? And draw the neat diagram showing its basic components?	
4.)	What is Geo-textile? Explain any five applications of it.	
5.)	What are Travelators? Explain its working principle with the neat diagram showing all its important components.	
Q.4.	Design based questions (write any 3)	**54 Marks**
1.)	Design a closed cafeteria sitting premise of 6 x 4 mtr and make an unfolded elevation of all 4 walls and ceiling drawing with application of paint or texture into the same.	
2.)	Design a Kindergarten activity space (play are) of 3Mtr X 3Mtr using any suitable type of fabric in flooring according to given situation with its purpose and required explanation for the same.	
3.)	List all the Design Measures to Avoid Fire Hazard. (9 Marks) Explain any one in detail with help of sketches. (9 Marks)	
4.)	Design the Interiors of the given elevator lobby of 'Hotel' building for the given plan using only any type of fabric material for the wall façade. Draw the elevation of elevator lobby and other wall section details. Consider clear height as 3.5m for the lobby.