

**SARVAJANIK UNIVERSITY**

W-2024 Date: 26\_03\_2025

09\_30 am to 12\_30 am

Remedial/Re-Exam

**B. Interior Design - SEMESTER- 5 EXAMINATIONS**

Course Code: BIID11503

Total Marks: 180

Course Name: Interior Material, Systems &amp; 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, Labelled Diagrams where ever applicable

<b>Q1.</b>	<b>Answer the following (Compulsory)</b>	<b>36 Marks</b>
1)	The two types of Travelators as per inclination angles are _____ and _____ walkways.	
2)	Geotextiles are synthetic materials designed to improve the performance. (True or False)	
3)	Lesser the Thickness of Bricks the more hours it can withstand deterioration due to Fire. (True or False)	
4)	Color is available in the market in millimeter units. (True or False)	
5)	Maximum number of passengers handled in 5 min period in elevator is called as _____.	
6)	Sensing and communication are part of _____ textile.	
7)	Recycled Materials can also be given R Value Fire Rating. (True or False)	
8)	_____ is a slow-moving conveyor mechanism to transport people across horizontal direction for shorter or longer distances.	
9)	_____ and _____ are the two types of textiles.	
10)	Cement is used in pebble dash plaster. (True or False)	
11)	When lime is used as the binding material, it is called _____ plaster.	
12)	Stucco plaster is the smoothest plaster and does not apply in the interior to achieve textured surface.	
13)	_____, _____ and crocheting are the different techniques of Fabrics.	
14)	Fire Rating Test of materials should be done under Controlled Laboratory conditions. (True or False)	
15)	_____ Conductivity is the rate at which _____ is transferred.	
16)	Extenders are used to carry pigments and binders in the paint. (True or False)	
17)	Full Form of NBC is _____.	
18)	Average time between departures of cars from lobby is called as _____.	
<b>Q.2</b>	<b>Answer the following (write any 6)</b>	<b>36 Marks</b>
1.)	What are the different ways fabrics can be treated or modified to improve their uses and appearances? (any five application)	
2.)	Describe pebble dash plaster in brief.	
3.)	List down types of plasters and define any one of them in brief	
4.)	What is plant-based textile? Give the examples of it and explain any one.	
5.)	List down two main types of colors and explain distemper color in brief.	

6.)	List the Class of Fire along with the materials the classification is associated.	
7.)	What are the key characteristics of acrylic fabric?	
8.)	What is the difference between a Fire Fighting Service Staircase Core and any other Service Core?	
9.)	Explain How building Codes (for Margins, Ventilation , Light) helps in Preventing Fire.	
<b>Q.3.</b>	<b>Answer the following (write any three)</b>	<b>54 Marks</b>
1.)	Draw the Fire Triangle, Label the diagram and explain the three components in detail.	
2.)	Draw the neat diagrams of Escalator and Travelator showing all its basic components.	
3.)	What is Geo-textile? Explain any five applications of it.	
4.)	Describe types of oil paint colors in detail with examples. Describe various characteristics of an ideal paint.	
<b>Q.4.</b>	<b>Describe in Detail. (Write any three)</b>	<b>54 Marks</b>
1.)	Design an architect office cabin of 5 x 7 mtr and make unfolded elevation of all 4 walls and ceiling drawing with application of paint or texture into the same.	
2.)	Design a 2 MtrX 3 Mtr space for your own study area with using a textile/smart textile and give schematic sketch of it, explaining all the required details. (i.e. size/finish/detail/type of fabric etc.)	
3.)	Draw the section of the Dry Riser System in a multi-storeyed building and label the diagram neatly. (9 Marks ) Draw the Intake Points pipes from exterior source. Mention the dimensions where ever applicable. ( 9 Marks )	
4.)	Design the Interiors of the given elevator lobby of 'College' 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 m for the lobby.	