

SARVAJANIK UNIVERSITY

W-2024 Date: 21-11-24 Time: 13_30 pm - 15_30 pm
Regular Exam

BACHELORS IN INTERIOR DESIGN II - SEMESTER-III EXAMINATION

Course Code: BIID21302

Total Marks: 50

Course Name: Interior Material, System & Services-I

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

Q1.	Answer the following.	17 marks
A	Select the correct answer. (1 One marks each)	6 marks
	<ol style="list-style-type: none"> 1. _____ is good in taking compression and steel is good in tension. (Concrete, Cement, Plastic) 2. Grade of concrete is defined as the minimum strength of concrete after _____ of construction with proper quality control. (15 day, 28 days, 45 days) 3. Porcelain tiles are also called as _____ tiles. (Ceramic Tile, Full body, Haft body Tile) 4. Thickness of veneer is _____. (1 MM, 2 MM, 3MM) 5. Diameter of hot water pipe is _____. (30MM, 25mm, 15MM) 6. _____ is used as substitute for plywood in furniture making. (Veneer, mdf, Laminate) 	
B	Answer in brief. (Any 5) (1 two marks each)	5 marks
	<ol style="list-style-type: none"> 1) What are the Constituents / Ingredients on concrete? 2) List the sources of water. 3) Draw P-trap & Q-Trap diagram 4) MDF made out of which materials? 5) Use of laminate in interior designing? 6) Explain building services? 	
C	Answer in brief. (Any 3) (2 three marks each)	6 marks
	<ol style="list-style-type: none"> 1) List the Concrete Finishing Techniques. 2) List the factors controlling properties of concrete. 3) List down the advantages & disadvantages of Dead-End System. 4) Explain Aircraft plywood? 	
Q.2	Answer the following.	15 Marks
A	Draw diagram of following Questions.(2 two marks each)	6 Marks
	<ol style="list-style-type: none"> 1. Draw the section of R.C.C slab. 2. Draw the section of 12 mm ply. 	

	3. Draw the sink section.	
B	Explain Distinguish Between / Advantage and Disadvantages (Any 3) (3 five marks each)	9 Marks
	<ol style="list-style-type: none"> 1. Advantages and Disadvantages of Precast concrete. 2. Difference between particle board- mdf- plywood. 3. Explain the advantages and disadvantages of single stack system. 4. Explain distinguish between ceramic tile and porcelain tile. 	
Q.3	Answer the following.	10 Marks
A	Answer the following Question in detail. (Any2) (5 marks each)	10 Marks
	<ol style="list-style-type: none"> 1. Distinguish Between Plain concrete and reinforced concrete. 2. Explain the Water Distribution Network. Draw the network diagram and explain in detail. 3. Characteristic to be consider in selection of stone. 	
Q.4	Answer the following.	8 marks
A	<p>Design the toilet layout size 2.4 x 3.8 x 2meters and show all plumbing and drainage line.</p> <p style="text-align: center;">Or</p> <p>Design an underground water tank of size 1.6x1.2x2.4 meters. Show all plumbing and technical details in it.</p>	8 marks