

W-2024 Date: 18-10-24 Time: 01:30 PM to 04:30 PM
Backlog Exam

BACHELORS IN INTERIOR DESIGN II – SEM IV EXAMINATION**Course Code: BIID11403****Total Marks: 180****Course Name: INTERIOR MATERIAL, SYSTEMS AND SERVICES - II****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Q4 – 5th Question's layout plan needs to be attached with the answer sheet.

Q1	Answer the following.	30 Marks
A	Fill in the Blanks of the following.	10 Marks
	1) There are ____metals on the periodic table 2) Most pure metals come from the <u>earth's</u> crust 3) An amorphous solid substance that has been formed by super cooling is called ____ 4) Full form of HVAC is ____ 5) _____ sections are used to make gypsum false ceiling supports. 6) UPVC stands for ____ 7) The primary use of zinc is in the ____process 8) PVC is a type of _____. 9) ____ Core wire is used for AC connection. 10)____, ____ & ____is needed for indoor comfort.	
B	Define / Explain/ Answer in short.	20 Marks
	1) What is glass? 2) What are Metals? 3) State application of Mild Steel 4) What are the types of Condensers? 5) What is Task Lighting? 6) How are metals extracted? 7) Draw 12 MODULE switch board. 8) What is a condenser? 9) State cons of using pvc. 10)Draw the gypsum board section.	
Q2	Answer the following.	60 Marks
A	Answer the following (Any 5) (10 marks each)	50 Marks
	1) State Advantages & Disadvantages of Steel as Structural	

	<p>Member.</p> <ol style="list-style-type: none"> 2) State mechanical properties of Metal. 3) List & Explain properties of Glass. 4) Difference between Ferrous & Non-Ferrous Metal. 5) Describe the Pros and Cons of PVC cabinets. / Why are PVC cabinets more suitable than any other materials for kitchen cabinets, give the appropriate reasons. 6) Explain all components of an Air Conditioner 	
B	Answer the following in short. (2marks each)	10 Marks
	<ol style="list-style-type: none"> 1) List 6 different types of glass used in construction. 2) State 4 primary objective of HVAC. 3) State 5 application of wrought iron. 4) What is Accent lighting? Where is it used? 5) How are metals extracted? 	
Q.3.	Answer the following. (Any 5)	50 Marks
	<ol style="list-style-type: none"> 1) Mention application of Cast iron, aluminium & wrought iron. 2) Explain the purpose for the false ceiling in detail and explain the suspended wooden false ceiling. 3) Difference between float glass & tempered glass. 4) Describe benefits of acrylics. 5) Difference between latent & sensible heat 6) List and explain properties of glass & metal. 	
Q.4.	Answer the following. (Any 4)	40 Marks
	<ol style="list-style-type: none"> 1) Design a metal partition for an Office Reception 2) Design a composite partition made from metal + Glass 3) What are the factors which need to be considered for Air Conditioning System Design? Draw diagram of air condition system. 4) Explain type of false ceiling? 5) Draw the Ceiling and Electrical layout with all details in given layout plan. Given layout plan needs to attached with the answer sheet. 	



