

Reg. No.:

Name :



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MID TERM EXAMINATIONS – August 2022

Programme	: B.Tech.[BCE, BAI, MIM]	Semester	: Fall 2022-23
Course	: Engineering Design	Code	: DSN2096
Faculty	: Dr. N. Pazhaniraja	Slot/ Class No.	: B13/ 0565
Time	: 1 ½ hours	Max. Marks	: 50

Answer all the Questions

Q.No.	Sub. Sec.	Question Description	Marks
1		Outline the steps involved in the process of problem formulation of Water Purifier. Where the capacity of the container is not less than 5000 ml, overall weight of the product should not exceed 25 Kg, the duration in filtering should not exceed more than 45 min.	10
2		Discuss the concept of Human centered design and Concept generation with a suitable example	10
3		Consider a company namely Hash has been planning for a campus drive. Being a final year student, the PAT team of your campus has asked you for individual plan map and evaluate your plan using one of the design engineering tool for getting an Offer.	10
4		Discuss the concept of empathy mapping with respect to buying a car. Analyze it with respect to What you Think, Say, Feel and Do?	10
5		Illustrate the concept of design features by consider any one design on your own.	10

