

**Total number of printed pages: 02      Programme (UG)/1<sup>st</sup>/UMD102**

**2024**

**INTRODUCTION TO DESIGN**

*Full Marks : 100*

**Time : Three hours**

***The figures in the margin indicate full marks for the questions.***

***Answer any five questions.***

|    |   |   |    |
|----|---|---|----|
| 1. | a   | Define the meaning of Design with the help of illustration.   | 10 |
|    | b   | How design help us in our daily life? Explain with 5 different examples.  | 10 |
|    |   |   |    |
| 2  | a   | Differentiate between Art and Social Science.   | 5  |
|    | b   | Differentiate between Art and Design.   | 5  |
|    | c   | Differentiate between Engineering and Design.   | 5  |
|    | d   | Differentiate between Social Science and Design.  | 5  |
|    |   |   |    |
| 3  | a   | Explain the design process with the help of a flow diagram.   | 10 |
|    | b   | Describe the design process that you have followed in the project of Design element, pattern making and application on product. | 10 |
|    |   |   |    |
| 4  | Write short notes on the following.   |   |    |
|    | a   | Bauhaus movement  | 5  |
|    | b   | RENAISSANCE period in Europe  | 5  |
|    | c   | Important inventions during 2 <sup>nd</sup> World War   | 5  |
|    | d   | Invention of computer and social changes  | 5  |
|    |   |   |    |
| 5  | You have been given the product “Water bottle” to study and analyse in terms of the following considerations. |   |    |
|    | a   | Aesthetic   | 8  |
|    | b   | Ergonomics  | 6  |

|   |   |   |    |
|---|---|---|----|
|   | c | Engineering   | 6  |
| 6 | a | What is Ergonomics and how many types of Ergonomics are there?                          | 10 |
|   | b | Explain any one types of Ergonomics with examples.                                      | 10 |
| 7 | a | Write short note on role of design in creating the future.                              | 10 |
|   | b | Discuss about the role of Artificial Intelligence for designers – a threat or a friend. | 10 |

