

Total No. of printed pages = 3

PG/1st Sem/PMMD 101

2021

**DESIGN – AN INTRODUCTION**

Full Marks – 100

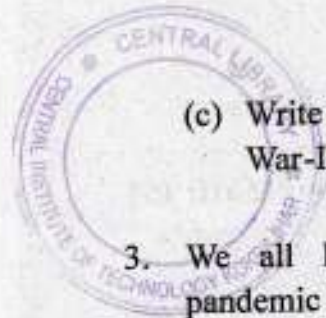
Time – Three hours

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

Answer any *five* questions.

1. Definition of design could be explained in different ways by giving examples of various types. Define design considering the following terms :
  - (a) Design in science terminology. 10
  - (b) Design as part of creative activity. 10
  
2. (a) Describe one of the most famous invention in Renaissance period of Europe. 7
- (b) Write a short note on Bauhaus Movement. 8

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(c) Write a short note on any of best World War-II invention. 5

3. We all know and experienced the COVID pandemic crisis. But as a designer we can also convert this crisis time into opportunity. Describe how will you convert this crisis time into a good opportunity. Your answer should consist of the following points. (Use illustration wherever necessary) : 20

- (i) The innovative idea.
- (ii) Converting idea into implementation – the methodology.
- (iii) How the society will be benefited from the idea ?

4. (a) How will you describe Indigenous technology ? 5

(b) Illustrate any indigenous technology that you find most interesting and describe its features and advantages. 15

5. Explain various steps of a Design process through a hypothetical project. 20

6. Write short notes on the following :  $5 \times 4 = 20$
- (a) Internet and its influence on society.
  - (b) Difference between Artificial Intelligence and Virtual Reality.
  - (c) Current social media trends and its influence on society.
  - (d) Mobile as part of our lifestyle.
7. Ergonomic study is an intrinsic part of design. It needs to be considered while developing a prototype for a product wherever human interaction requires. How will you describe the ergonomic features of a tooth brush that we use daily ? Use appropriate illustration for explanation. 20

