

Total No. of printed pages = 4

BMD 171102

Roll No. of candidate

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2017

B.Des. 1st Semester End-Term Examination

INTRODUCTION TO DESIGN

(New Regulation)

Full Marks – 70

Time – Three hours

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

PART – A

(Compulsory)

1. Multiple selection type question. Following questions have four options of answers. There may be one or more than one correct answers for each questions. You need to select the correct answers carefully.

(5 × 2 = 10)

- (a) Which of the following statement defines Design?

(i) Design is the creation of a plan or convention for the construction of an object, system or measurable human interaction.

(ii) Design is direct construction of an object.

[Turn over

- (iii) Design don't need creativity
 - (iv) Design defines calculation
- (b) Which of the following statements do you think are true?
- (i) Applied art is not fine art.
 - (ii) Applied art is also considered as fine art.
 - (iii) Design may be called as fine art.
 - (iv) Commercial art is also considered as applied art.
- (c) Which of the following statements are true regarding Social Science?
- (i) Social science revolves around Society, Human, Relationship and Behaviour.
 - (ii) Social science is rocket science.
 - (iii) Social science do not consider human behaviour.
 - (iv) Social science is related to zoology.
- (d) As you all know the interrelationship between design and engineering. Select which of the following statements are correct while considering the interrelationship.
- (i) Engineering is the process of manufacturing of a specific need to the human.
 - (ii) Design is creative or innovative process of addressing the need to human.

- (iii) Engineering involves participation of a large group of manpower.
 - (iv) Design may or may not need large group of manpower.
- (e) Indigenous technology means
- (i) Locally available or developed technology.
 - (ii) "Jugaad" in native Indian language.
 - (iii) Digital technology available locally.
 - (iv) Automated technology imported from foreign country.

PART — B

Answer *any four* questions.

2. Describe in short five best inventions of all time. Use illustrations if necessary. (15)
3. Write short notes on the following subjects (15)
 - (a) Invention of computer changes the world
 - (b) The Bauhaus movement
 - (c) Impact of mobile phone on children
4. What is design process? Explain the stages of design process with the help of a conceptual project. You can take any conceptual project to explain the process. (15)

5. All of you have seen or ride a bicycle. It is counted as one of the landmark invention. You have to draw/design a bicycle with your own imagination and justify your design considering the factors of Aesthetics, Ergonomics, Scientific and Engineering. (15)

 6. Indigenous technology is very popular in India whether rural or urban areas. Be it irrigation, cultivation, flour grinding or any such work people use to find the best possible solution to make the things easier, faster and comfortable. You have to present your favorite indigenous technology or tools that you ever came across. Your presentation should include a good illustration of the technology or tools with five key factors to justify your illustration. (15)
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