Total No. of printed pages = 4

BMD 171501

Roll No. of candidate

2019

## B.Des. 5<sup>th</sup> Semester End-Term Examination CREATIVE THINKING PROCESS AND METHODS

(New Regulation)

Full Marks - 70

Time - Three hours

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

Answer Question No. 1 and any four from the rest.

1. Answer the following:

 $(10 \times 1 = 10)$ 

- (i) Innovation is defined as:
  - (a) the commercialization of a new product or process
  - (b) the invention of a new product or process
  - (c) a new product or process idea
  - (d) the implementation of a new production method

[Turn over

- $\Xi$ According to brain theory which of the following term is connected to left brain
- Imagination
- 3 Rhythm
- Art
- Logic
- (iii) space, and texture. line, shape, form, color, value
- The elements of art
- Three components of colour
- The Composition
- The Foundation of creativity
- (iv) Established firms relative to new firms are better at:
- all types of innovation
- 3 innovation which is competence-enhancing
- innovation which is competence-destroying
- Innovation which is disruptive
- 3 Technological progress is a three-step process of (a) Creation, pricing, and marketing
- 3 Invention, innovation, and diffusion
- Manufacturing, venturing, and promotion
- Star-ups. destruction imitation, and creative
- (iv) The first discovery of a product or process proof that it will work is thinking, and experimentation and the first through the use of imagination, ingenious
- Process innovation
- 9 Product innovation
- 0 Creative destruction
- (d) Invention

- (vii) Which of the following shows the process of creating something new?
- (a) Business model
- 9 Modeling
- 0 Creative flexibility
- (d) Innovation
- (viii) A major challenge in developing creative thinking skills is to learn how to think — in addition to
- (a) Emotionally, rationally
- 9 Vertically, rationally
- 0 Logical, lateral
- Lateral, Vertically
- (ix) Creativity is likely to occur when three components come together which expertise, creative thinking skills and
- (a) Right type of motivation
- 3 Proper lighting in the work environment
- <u></u> Stable economical conditions
- (a) Extrinsically motivating conditions in the work environment

Separat Insulation

- (x)down yourself rather than working in a group you arrive at creative ideas by jotting them - is creative technique in which
- Brainstorming (b) Brainmining

(a)

- Brainwriting (a) Brainreading
- (a) What do you mean by Aesthetic?

(5)

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9 Why is Aesthetic important in the field of Design?

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- What do you mean by Design? 3. (a) What are the types of Design? Explain in your (b) (10)own thinking. How do you think like a Designer? (5)(a) 4. What are the differences between Art, Fine Art (b) and Design? Discuss in your own words. Discuss about the design thinking planning or 5. (a)
- (10)process.
  - Define about Elements of Design. (5)(b)
- "Creativity can always be nurtured". Explain in 6. (a) your own words.
  - How do you explain a new innovative design product to the client for selling the product? (8)
- A helmet is utilized to avoid head injury in 7. dangerous situations. Helmets are used in various sports as well as while driving a bike. Explain or Illustrate five DIFFERENT creative ways you can use a helmet other than as a headgear. Draw your thoughts and write a one-line note to explain each idea. Evaluation Criteria: uniqueness, thoughts and (5+5+5=15)presentation.