

Question Paper

Exam Date & Time: 24-Apr-2018 (09:30 AM - 12:30 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

INTERNATIONAL CENTRE FOR APPLIED SCIENCES
IV SEMESTER B.S. (ENGG.)
END - SEMESTER THEORY EXAMINATIONS APRIL - 2018
DATE: 24 APRIL 2018
TIME: 9:30 AM TO 12:30 PM
Creative Thinking [HS 241]

Marks: 100

Duration: 180 mins.

Answer 5 out of 8 questions.

- 1) Discuss the various creative abilities. (4)
 - A)
 - B) Explain the varieties and levels of creativity. (6)
 - C) Discuss the various determinants of creativity (10)
- 2) Write a note on collective creativity. (6)
 - A)
 - B) List the traits congenial to creativity. (6)
 - C) Explain the various strategies used for unblocking the blocks to creativity. (8)
- 3) Explain the common blocks to creativity. (10)
 - A)
 - B) Explain the different types of motivation which shape the personality of an individual. (10)
- 4) Compare the following. (6)
 - A) (i) Creativity and Intelligence.
(ii) Art and Science.
 - B) Explain the Synectic technique of creative problem solving. (6)
 - C) Explain the minimum conditions that help us determine whether an act or product is creative or not. (8)
- 5) Explain the following techniques of creative problem solving with examples. (10)
 - A) i) Attribute Listing
ii) Morphological Analysis (5+5)
 - B) Explain the following creative intelligence abilities with an (10)

example.

i) Problem restructuring

ii) Fluency

(5+5)

- 6) Explain the following environment congenial to creativity. (8)
- A) (i) Childhood home environment
(ii) School environment
- B) Explain the factors influencing the culture of an organisation to be more innovative. (12)
- 7) Discuss the different types of interactions possible between individuals. (4)
- A)
- B) Discuss the reasons for unsatisfactory encounters in a team. (6)
- C) Explain the tools for creative interaction. (10)
- 8) Write a note on i) Technological innovation (10)
ii) Management innovation
- A)
- B) Discuss the elements of the model of a creative society. (10)

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