



|         |  |  |  |  |  |  |  |  |  |  |
|---------|--|--|--|--|--|--|--|--|--|--|
| Reg.No. |  |  |  |  |  |  |  |  |  |  |
|---------|--|--|--|--|--|--|--|--|--|--|

**INTERNATIONAL CENTRE FOR APPLIED SCIENCES**  
(Manipal University)  
**IV SEMESTER B.S. DEGREE EXAMINATION –MAY 2016**  
**SUBJECT: CREATIVE THINKING (HS 241)**  
(BRANCH: MECH / IP)  
**27<sup>TH</sup> MAY, 2016**

**Time: 3 Hours**

**Max. Marks: 100**

✓ **Answer ANY FIVE full Questions.**

1A. Write a note on collective creativity.

1B. Compare the following.

- (i) Creativity and Intelligence.
- (ii) Art and Science.

1C. Discuss the reasons for unsatisfactory encounters in a team. (4+6+10 = 20 marks)

2A) Define creativity and explain the varieties and levels of creativity.

2B) Write the model of creative intelligence.

2C) Explain the strategies for transforming non innovative cultures in a society.

(5+5+10=20 marks)

3A. Discuss the four aspects of human personality

3B. List the traits of an individual which are congenial to creativity.

3C. Discuss the elements of the model of a creative society. (5+5+10 =20 marks)

4A. Explain the various strategies used for changing motivation.

4B. Explain the factors influencing the effectively functioning teams.

(10+10 = 20 marks)

5A. Explain the checklist of questions method of creative thinking with example.

5B. Explain the various tools of creative interaction.

(10 + 10 = 20 marks)

6A. Explain the determinants of creativity.

6B. Explain the following creative intelligence abilities with examples.

- i) Sensitivity
- ii) Guessing Ability
- iii) Originality

(10+10 = 20 marks)

7A. Write a note of the following.

- i) Technological innovations
- ii) Management innovations
- iii) Social innovations

7B. Explain the different types of motivation which shape the personality of an individual.

(10 +10 = 20 marks)

8A. Explain the strategies used for unblocking an individual.

8B. Explain the facets of environment that stimulate creativity in an individual.

(8+12 =20 marks)

