

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

SUMMER SEMESTER EXAMINATION - MAY 2017

IV Semester B. Tech. Civil Engineering

Subject: ENGINEERING MANAGEMENT (ELECTIVE I) (CV405)

Time: 03 Hours

Max. Marks: 70

Instructions to the Students

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 1. Question no. 1 is compulsory.
 2. Attempt any five questions from the remaining questions (i.e. from Q. 2. to Q. 7).

Q.1 Attempt the following.

- viii) _____ is a detailed list of these movable items which are necessary to manufacture a product and to maintain the equipment and machinery in good working order.
- a) Inventory
 - b) EOQ
 - c) Simulation
 - d) Stock Marketing
- ix) _____ Organisation is also called as Functional organisation.
- a) Horizontal organisation
 - b) Line organisation
 - c) Line and Staff Organisation
 - d) Scalar organisation
- x) _____ Communication is face to face communication.
- a) Written Communication
 - b) Oral Communication
 - c) Non-verbal Communication
 - d) Upward Communication

Q.2 A) Write a short note on:

(12)

- a. F. W. Taylor
- b. Henry Fayol
- c. Frank and Lillian Gilbreth

Q.3 A) Explain "planning" function of management in detail. (06)

Q.3 B) Define organization. Explain its various types of organization with flow chart. (06)

Q.4 A) Write down various steps in Decision Making. (06)

Q.4 B) Write down various classification of decision making with their examples. (06)

Q.5 A) Define Operation Research. Write the importance or application of operation research. <https://www.batuonline.com> (04)

Q.5B) Let the following three equations are in five unknown, find solution for C, D, E in terms of A and B. (08)

$$2A - B + 2C - D + 3E = 14$$

$$A + 2B + 3C + D = 5$$

$$A - 2C - 2E = -10$$

Q.6 A) Write down application of waiting line theory in details. (06)

Q.6 B) Explaining the following terms: (06)

- a. Leading
- b. Motivating
- c. Directing

Q.7 A) Explain briefly Material Management. (06)

Q.7 B) Explain ABC Analysis. (06)

