

Code: 9A03601

R09

B.Tech III Year II Semester (R09) Supplementary Examinations May/June 2016

INDUSTRIAL MANAGEMENT

(Common to ME and MCT)

Time: 3 hours

Max Marks: 70

Answer any FIVE questions

All questions carry equal marks

- 1 Distinguish between management and organization. How far is this distinction justified in your opinion?
- 2 What do you understand by organization theory? Discuss its role in understanding organizational functioning.
- 3 Explain briefly the various types of production methods.
- 4 (a) Explain the principles of motion economy related to Work place layout.
(b) A work sampling study showed that 20% of a work week of 48 hours was consumed by avoidable delays. Every time a work sampling observation was made, the operator was rated and the average of such ratings was 110%. If 110 units were produced per week determine the standard time per unit.
- 5 (a) What is the purpose of store record?
(b) Explain at least four commonly used store records.
- 6 Construct a network for the following project:
(a) A and B start immediately
(b) C and D follow A
(c) E follows D
(d) B and C precede G
(e) B, C and E precede F
(f) F and G are terminal activities.
Find the total float, free float and independent float for each activity. Also find the critical path, if the durations of activities A, B, C, D, E, F and G are respectively 3, 4, 6, 1, 3, 4 and 2.
- 7 (a) Distinguish between variables and attributes.
(b) What are process charts? Illustrate with examples.
- 8 What is Human Resource Management? What are its elements? What is its importance to organizations? Illustrate.
