Reg. No. :

Question Paper Code: 31771

B.E. / B.Tech. DEGREE EXAMINATION, NOV 2016

Seventh Semester

Computer Science and Engineering

01UME701 - PROJECT MANAGEMENT AND FINANCE

(Regulation 2013)

(Common to EEE, ECE, EIE, ICE, Mechanical and IT branches)

Duration: Three hours   Maximum: 100 Marks

Answer ALL Questions

PART A - (10 x 2 = 20 Marks)

1. Define project.

2. Classify projects by portfolio.

3. Name the two approaches used to develop project networks.

4. Compare forward pass and backward pass.

5. What is resource smoothing?

6. List the different types of buffers.

7. Name the seven basic tools of quality control.

8. Define retrospectives.

9. Define balance sheet.

10. Define current ratio. What is the ideal current ratio?

11. (a) Illustrate the projectised organization structure with a chart. Discuss its strengths and weaknesses. (16)

Or

(b) With an example develop a Work Breakdown Structure for a project. (16)

12. (a) (i) List the basic rules to follow in developing project networks. (8)

(ii) Explain the benefits of network diagrams. (8)

Or

(b) Compare the advantages and disadvantages of AON and AOA methods. (16)

13. (a) (i) Explain the most common heuristic rules for allocating resources. (8)

(ii) Discuss the more common problems encountered in managing Multi Project Resource schedules. (8)

Or

(b) (i) Define theory of constraints. Brief its procedure. (6)

(ii) Discuss about Critical-Chain project management. (10)

14. (a) Demonstrate the project quality management process. (16)

Or

(b) Explain in detail the project control process. (16)

15. (a) (i) Tabulate the differences between profit and loss account and balance sheet. (8)

(ii) List the uses of fund flow statement. (8)

Or

(b) (i) State the objectives and limitations of financial statements. (10)

(ii) Name the tools for analysis and interpretation of financial statements. (6)

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