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P.E.S. College of Engineering, Mandya - 571 401

(An Autonomous Institution affiliated to VTU, Belagavi)

Eighth Semester, B.E. - Information Science and Engineering

Semester End Examination; Aug. / Sep. - 2020

Software Project Management

Mandikrishna
4/9/2020

Time: 3 hrs

Max. Marks: 100

Note: i) Answer **TWO** full questions, selecting **ONE** full question from **UNIT - I** and **UNIT - II**.
ii) Answer any **THREE** full questions, choosing from **UNIT - III**, **UNIT - IV** and **UNIT - V**.

UNIT - I

- 1 a. What is meant by Software Project Management? Compare software projects and other types of projects. 10
- b. Describe the ISO software development life cycle. 10

OR

- 2 a. What is management? Explain the principle project management process. 10
- b. Describe project management life cycle. 10

UNIT - II

- 3 a. Compare strategic assessment and technical assessment with suitable example. 10
- b. Briefly explain cost benefit analysis. 10

OR

- 4 a. Describe cash flow forecasting process. 10
- b. List and explain the different cost benefit evolution techniques. 10

UNIT - III

- 5 a. Define activities. Describe the activity-based approach. 10
- b. Mention and explain the objectives of activity planning. 10
- 6 a. Define risk management. Explain categories of risk. 10
- b. Explain a framework for dealing with risk. 10

UNIT - IV

- 7 a. What is meant by review? Briefly explain the review process. 10
- b. What is meant by data collection? List out and explain the different reports in which the review data are captured? 10
- 8 a. What is meant by managing contracts? Explain the different types of contract. 10
- b. Explain the evolution of proposals. 10

UNIT - V

- 9 a. Describe Recruitment process. 10
- b. What is meant by motivation? Explain the methods of improving motivation. 10
- 10 a. List out and mention the different stages of stepwise project planning framework influenced by collaborative working. 10
- b. Define organization and team structure. Explain project and functional organization structures. 10

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Mandikrishna
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