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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; July - 2021

Software Project Management

Time: 3 hrs

Max. Marks: 100

Note: Answer any FIVE full questions.

- 1 a. What is meant by software project management? Compare software project and other types of projects. 10
- b. Describe the ISO software development life cycle. 10
- 2 a. What is meant by project planning? List out and explain stepwise project planning. 10
- b. List out and explain the activities covered by software project management. 10
- 3 a. Compare strategic assessment and technical assessment. 10
- b. Briefly explain Cost-benefit analysis. 10
- 4 a. Describe cash flow forecasting process. 10
- b. Explain different cost benefit evaluation techniques. 10
- 5 a. Explain the objectives of activity planning. 10
- b. Compare forward pass and backward pass. 10
- 6 a. Define risk management. List out and explain the different types of risks. 10
- b. Define managing risk. Explain risk planning and control. 10
- 7 a. Compare cost monitoring and prioritizing monitoring. 10
- b. Explain visualizing progress in detail. 10
- 8 a. Define managing contract. List out and explain the different types of contracts. 10
- b. Mention and explain the different stages in contract placement. 10
- 9 a. What is meant by motivation? Explain the methods of improving motivation. 10
- b. Explain organizational behaviour with example. 10
- 10a. Describe old ham-Hackman job characteristics model. 10
- b. Briefly explain the organizational structures. 10

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