

PG CBCS
M.Sc. Semester-I Examination, 2021
COMPUTER SCIENCE
PAPER: COS 104
(SOFTWARE ENGINEERING AND PROJECT MANAGEMENT)

Full Marks: 40

Time: 2 Hours

Answer any FOUR questions from the following:

4X10=40

1. Explain the various activity carried out in V-model of software development life cycle. And also explain advantages and disadvantages of this model. 6+2+2
2. What is DFD? Describe about the components and various level of DFD. 2+8
3. What is COCOMO model? Discuss the types of COCOMO models used for different types of software. 1+(3X3)
4. What do you mean by software testing? Explain various type of software testing methods. 2+8
5. What do you mean be data analysis tools? Explain different data analysis tools. 2+8
6. What is cohesion? Explain different type of cohesion. 2+8
7. What is SRS documentation? Explain the different points should be written in an SRS document. 2+8
8. What do you mean by system analyst? What are the roles of system analyst in software development life cycle? 2+8
9. What is HRMS? What are the activities performed by HRM to maintain a healthy environment in an organization? 4+6
10. What do you mean by outsourcing? Explain different type of outsourcing? Also describe the advantages and disadvantages of outsourcing. 2+4+2+2
