2019

MCA

2nd Semester Examination

Software Project Management

PAPER – 205

Full Marks : 100

Time : 3 Hours

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their

Own words as Far as practicable.

Illustrate the answers wherever necessary.

Answer any *FIVE* of the following questions :

1. a) With the help of a schematic diagram explain the different activities carried out in Prototyping model of software development . 8

   b) Compare and contrast different life cycle model . 6

2. a) What is software project management? Why we need software project management ? Write down the structure of SPMP document of project management . 2+2+6

   b) Write down the different activities of project planning ? 4

3. a) What is Risk ? Mention the different categories of Risk ? 2+6

   b) Explain the different activities of Risk Management . 6

4. a) Explain how cost is estimated using Basic COCOMD ? 8

   b) Write short note on Empirical estimation technique . 6

5. a) What do you mean by ' Software Configuration' and ' Software Configuration Management ? 7

   b) Briefly explain the activities carried out in Software Configuration management . 7

6. a) Describe how project size is estimated using Function point metric ? 8

   b) Mention the advantages and disadvantages of LOC ? 6

7. Write short notes on (any two)   2x7=14

   a) Halstead Software Science

   b) Work Breakdown Structure

   c) Staffing

   d) Critical Path method .

[Internal assessment – 30 marks]