

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(END SEMESTER EXAMINATION)**

**CLASS: MCA
BRANCH: MCA**

**SEMESTER : III
SESSION : MO/18**

SUBJECT: MCA7211 SOFTWARE PROJECT MANAGEMENT

TIME: 3 HOURS

FULL MARKS: 60

INSTRUCTIONS:

1. The question paper contains 7 questions each of 12 marks and total 84 marks.
 2. Candidates may attempt any 5 questions maximum of 60 marks.
 3. The missing data, if any, may be assumed suitably.
 4. Before attempting the question paper, be sure that you have got the correct question paper.
 5. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.
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- Q.1(a) What is process? Explain the responsibilities of software engineering process group. [6]
Q.1(b) Explain the maturity levels in CMM. [6]
- Q.2(a) Explain requirement change management. What are the steps of change management process? [6]
Q.2(b) What is difference between top down and bottom up estimation approaches? [6]
- Q.3(a) Explain the use of defect prevention planning. [6]
Q.3(b) Explain risk assessment and risk prioritization. [6]
- Q.4(a) What is defect? Explain types of defects and severity of defects. [6]
Q.4(b) What is people factor? Explain the methods to enhance team communication. [6]
- Q.5(a) What are the functionalities of configuration management? [6]
Q.5(b) Give an overview of configuration management audit report. [6]
- Q.6(a) How Quality is monitored? Explain the task of risk related monitoring. [6]
Q.6(b) Explain the actual and estimated analysis of effort and schedule. [6]
- Q.7(a) When does a project end? Explain the goal of closure analysis. [6]
Q.7(b) Explain the features of closure analysis report. [6]

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