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Code No. : 244 AS

VASAVI COLLEGE OF ENGINEERING (Autonomous), HYDERABAD
M.C.A. II Year II-Sem. Advanced Supplementary Examinations, June/July-2017

Software Project Management

Time: 3 hours

Max. Marks: 70

Note: Answer ALL questions in Part-A and any FIVE from Part-B

Part-A (10 × 2 = 20 Marks)

1. "The Software projects success rate is very low". Give the reasons according to the different analysis.
2. Define the term Roundtrip Engineering.
3. Define Software Architecture.
4. What is an artifact?
5. List four important environment disciplines in the project environment.
6. What are the major responsibilities of configuration control board (CCB)?
7. "Performance issues arise early in the life cycle". Justify.
8. List the conventional software process characteristics.
9. Define business case.
10. Draw the figure for ISO 12207 software development activities.

Part-B (5 × 10 = 50 Marks)

(All bits carry equal marks)

11. a) Discuss the software economics in detail.
b) Explain improving software process.
12. a) Discuss management set of the artifact sets.
b) Explain major milestones of a software project.
13. a) Explain Planning guidelines.
b) Explain line of Business Organizations.
14. a) Explain team work among stake holders in modern project profiles.
b) Discuss next generation cost models.
15. a) Write short notes CMM.
b) Write short notes on aids to programme Management.
16. a) Discuss protracted integration late design breakage.
b) Explain software process work flows.
17. Write short notes on any *two* of the following:
 - a) Seven core metrics
 - b) Software management best practices
 - c) Software Process Assessment.