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Question Paper Code : X 20881

B.E./B.Tech. DEGREE EXAMINATIONS, NOVEMBER/DECEMBER 2020
Seventh/Eighth Semester

Computer Science and Engineering

MG 6088 – SOFTWARE PROJECT MANAGEMENT

(Common to Electronics and Communication Engineering/Industrial Engineering/
Mechatronics Engineering/Information Technology)

(Regulations 2013)

(Also Common to PTMG 6088 – Software Project Management for B.E. Part-Time –
Sixth Semester – Computer Science and Engineering)

(Regulations 2014)

Time : Three Hours

Maximum : 100 Marks

Answer ALL questions

PART – A

(10×2=20 Marks)

1. What are the characteristics of a project ?
2. How critical will be a project if there isn't a Feasibility Study ?
3. How are technical assessments handled in the industry ?
4. What is meant by cost flow forecasting ?
5. What are the objectives of activity planning ?
6. What are the ways by which risk can be mitigated ?
7. State any two advantages of function point analysis.
8. Name the popular visual tools used for monitoring and tracking the project progress.
9. How are the stress during the peak times of project handled ?
10. What do you understand by "Egoless Programming" ?



PART – B

(5×13=65 Marks)

11. a) Explain in detail the following :

i) Risk evaluation.

(8)

ii) Strategic planning.

(5)

(OR)

b) Briefly explain about Cost benefit evaluation technology.

12. a) Explain COCOMO-II model.

(OR)

b) Explain the step-wise project planning in detail.

13. a) Narrate the various network models and calculations used in the model and differentiate between them.

(OR)

b) Consider a project and identify the risk, assess and explain the ways by which it could be monitored.

14. a) Enumerate the various ways in visualizing the progress of the project.

(OR)

b) Explain the following :

i) Contract management.

(7)

ii) Change control.

(6)

15. a) Define motivation. Explain Maslow's hierarchy of needs.

(OR)

b) Explain the various organizational structures.

PART – C

(1×15=15 Marks)

16. a) Assuming yourself as a manager, strategize and design a team for a new project which requires new technical skills.

(OR)

b) In order to maintain at most security, as a manger how will you make the team members aware of possible vulnerabilities and threats inherent in your project. Detail them with suitable examples.
