

CE1.4-R4 : PROJECT MANAGEMENT

NOTE :

1. Answer question 1 and any FOUR questions from 2 to 7.
2. Parts of the same question should be answered together and in the same sequence.

Total Time : 3 Hours

Total Marks : 100

1.
 - (a) List out the four major problems associated with Software Project Management.
 - (b) What is the meaning of the scope related to project planning ?
 - (c) What are the parameters on which any project is estimated ? Explain briefly.
 - (d) What is the difference between the Gantt chart and PERT chart ?
 - (e) What are the different forms of the organizational structure ?
 - (f) List out the difference in between the ISO 9000 and ISO 9001.
 - (g) What is the use of the Source code Control System in project management ? (7x4)
2.
 - (a) Software Quality Assurance is an important aspect in project management. Justify the statement with suitable explanation.
 - (b) In the industries, outsource of the products and services is the new tradition to make the task more versatile. Do you agree on this statement ? Give suitable explanation. (9+9)
3.
 - (a) How the cost variance effects the resource allocation in an organization for project development ?
 - (b) What are the estimation metrics that can be used to evaluate any project in an organization ? How these metrics help in decision making ? (9+9)
4.
 - (a) What is the role of project contract in the project management ?
 - (b) What are the different types of contracts present in the project management ?
 - (c) Give the different forms of Organizational Structure that were used in the project management. (6+6+6)
5.
 - (a) Explain how the forward and backward pass help in scheduling the project in an organization.
 - (b) What is the use of the Software Quality Assurance Activities in the project management ? Discuss by giving suitable example. (9+9)
6.
 - (a) How the recruitment and placement help to build the team management in organization ? Discuss its importance in the organization.
 - (b) What are the steps that were involved in the planning of the project ? Explain in detail. (9+9)
7. Write the short note on the following :
 - (a) Earned Value Analysis
 - (b) Risk Monitoring and Management
 - (c) COCOMO model (6+6+6)

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