



PAPER ID-410544

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Subject Code: KIT071

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B. TECH.
(SEM VII) THEORY EXAMINATION 2021-22
SOFTWARE PROJECT MANAGEMENT

Time: 3 Hours

Total Marks: 100

Note: 1. Attempt all Sections. If require any missing data; then choose suitably.

SECTION A

1. **Attempt all questions in brief.** **2 x 10 = 20**
- List the characteristics of software projects.
 - What is the difference between feasibility study and planning?
 - Differentiate between Spiral and Prototyping model?
 - What is error tracking?
 - What is schedule variance?
 - What is Fagan inspection?
 - What do you understand by boundary value analysis?
 - Distinguish between informal and formal review.
 - What is contract management?
 - What are the different roles in SCM?

SECTION B

2. **Attempt any three of the following:** **10 x 3 = 30**
- What is Work Breakdown Structure? Explain its type.
 - What is vision and scope document? Explain in detail.
 - Explain RAD model with its advantages and disadvantages.
 - What do you understand by EVA? Explain in detail.
 - Write a short note on SEI-CMM. How does it differ from ISO-9000?

SECTION C

3. **Attempt any one part of the following:** **10 x 1 = 10**
- Discuss the network model represented by the CPM network.
 - Define hazard. How are hazards identified and analyzed?
4. **Attempt any one part of the following:** **10 x 1 = 10**
- What is vision and scope document? Explain in detail.
 - Explain how project can be evaluated against strategic, technical and economic criteria.
5. **Attempt any one part of the following:** **10 x 1 = 10**
- Explain with an example how critical path can be identified in precedence networks.
 - Explain risk planning and control in detail.
6. **Attempt any one part of the following:** **10 x 1 = 10**
- What is software review? Explain its types.
 - Describes in details the principles of testing?
7. **Attempt any one part of the following:** **10 x 1 = 10**
- Explain in detail about Human Resource Management in detail.
 - Write a short note on: -
 - Verification and Validation
 - Quality Assurance and Quality Control