



CENTRE FOR DEVELOPMENT OF IMAGING TECHNOLOGY
(Under Government of Kerala)
CEP EXAMINATION-JUNE 2019
Subject: Software Engineering and Project Management
PGDCA II

Register No.

Time: 3 Hours
Maximum Marks:100

I. Fill in the blanks. Answer ALL questions.

(10 x 1 = 10)

1. DSDM stands for _____
2. _____ shows the building blocks of any object-oriented system.
3. Expansion of ERD is _____
4. _____ is the process of reworking the whole project.
5. SRS is the short form of _____
6. Use case model consists of a set of _____
7. SQC stands for _____
8. A _____ described as set of inputs, the behavior and output.
9. _____ is the field of computer science deals with construction of software.
10. Physical information are represented using _____ diagrams.

II. Explain briefly. Answer any TEN questions.

(10 x 4 = 40)

1. What is an integrated system?
2. What is system model?
3. Describe about structured analysis.
4. What is Throwaway prototyping?
5. What is technical documentation?
6. What are the advantages of Object oriented analysis?
7. Define aggregation?.
8. What is coupling and cohesion?
9. What is data dictionary?
10. Define CASE.

11. How testing and debugging connected with software engineering?
12. Define the term software matrix.
13. What is risk management?

III. Answer any FIVE questions. Explain in detail.

(5 x 10 = 50)

1. What are the advantages and disadvantages of different software lifecycle models?
2. Explain the types of feasibility study considered while developing a project.
3. What is prototyping?
4. Explain re-engineering and reverse-engineering.
5. Explain UML Diagrams in detail.
6. Explain various testing strategies.
7. What are the advantages and different types of User-Interfaces?
