ANNUAL EXAMINATION 2020

Note – *Attempt all units. Each question carries equal marks.*

1. What are the principles of software Engineering ?Describe the problem related to software engineering   process .

2. Which type of software model is more appropriate for developing a new software.

3. . Write short note on :   i. Prototype   ii. software Crisis

UNIT 2

4. What is software Metrics ? Explain COCOMO model in detail.

5. What are the steps of project management phase .

6. What is SRS ? How will you perform requirement analysis in software engineering ?

UNIT 3

1. Perform structured design methodology to produce a design for a system to do student registration in the manner it is done at your college .?

2. What is DFD ? Draw a DFD for your examination system .?

3. What is work Breakdown Structure ? how is it important in project planning .?

UNIT 4

1. Explain software Design principle ?

2. Which coding rules are applied for software development ? How codes are verified .?

3. Explain the following with example

   (A) Cohesion and Coupling (B) structure chart .

UNIT 5

1. Why do we need to perform software maintenance?

2. What do you mean by verification and validation ? What is the difference between verification and validation?

3. What is testing? Explain black box and white box testing in brief?