

PARUL UNIVERSITY
FACULTY OF ENGINEERING AND TECHNOLOGY
PARUL INSTITUTE OF TECHNOLOGY
SOFTWARE ENGINEERING (303105253)

Assignment: 1

Choose the correct option:

1. Software is defined as _____

- a) set of programs, documentation & configuration of data
- b) set of programs
- c) documentation and configuration of data
- d) None of the mentioned

2. What is Software Engineering?

- a) Designing a software
- b) Testing a software
- c) Application of engineering principles to the design a software
- d) None of the above

3. Who is the father of Software Engineering?

- a) Margaret Hamilton
- b) Watts S. Humphrey

- c) Alan Turing
- d) Boris Beizer

4. What are the features of Software Code?

- a) Simplicity
- b) Accessibility
- c) Modularity
- d) All of the above

5. _____ is a software development activity that is not a part of software processes.

- a) Validation
- b) Specification
- c) Development
- d) Dependence

6. Define Agile scrum methodology.

- a) project management that emphasizes incremental progress
- b) project management that emphasizes decremental progress
- c) project management that emphasizes neutral

progress

d) project management that emphasizes no progress

7. CASE stands for

a) Computer-Aided Software Engineering

b) Control Aided Science and Engineering

c) Cost Aided System Experiments

d) None of the mentioned

8. _____ is defined as the process of generating analysis and designing documents?

a) Re-engineering

b) Reverse engineering

c) Software re-engineering

d) Science and engineering

9. The activity that distributes estimated effort across the planned project duration by allocating the effort to specific software developing tasks is _____

a) Project scheduling

b) Detailed schedule

c) Macroscopic schedule

d) None of the mentioned

10. What is a Functional Requirement?

- a) specifies the tasks the program must complete
- b) specifies the tasks the program should not complete
- c) specifies the tasks the program must not work
- d) All of the mentioned

Shorts & Long Questions:

1. List out types of Software. (2 Marks)
2. Describe Spiral modes. (3 Marks)
3. Describe Waterfall model. (5 Marks)
4. What is KLOC, SLOC. (2 Marks)
5. Explain Agile method (5 Marks)
6. Explain Extreme Programming (3 Marks)
7. Explain Scrum development (2 Marks)