

**4/4B.Tech CSE    Subject:Software Process and Project Management    Mid 1 Exam Nov2024**

1.Delineate the following capability maturity levels: Initial process, repeatable process  
defined process, managed process, optimizing process

2.(i)Depict the typical business outline

(ii)Depict the typical release specification outline.

3.(i)Depict the typical release description outline

(ii) Depict the typical vision document outline

4. Depict as a diagram the lifecycle evolution of the artifact sets

**Quiz**

1.The generations of software economics leading to the target objective are

(a)1960s-1970s (b)1980s-1990s (c)2000 and on (d)a&b (e)b and c (f) all of a, b, c

2. Creating a visual design model from source code is reverse engineering False/True

3.Forward engineering is the automation of one engineering artifact from more abstract representation F/T

4.Round trip engineering describes the key capability of environments that support iterative development F/T

5.\_\_\_\_\_ are the engineering artifact sets

(a)Requirements set (b)design set (c)implementation set (d)deployment set (e)all of these

6.\_\_\_\_\_ the management artifact sets? (a)planning artifacts(b)operational artifacts (c)both a&b

7.\_\_\_\_\_ are the planning artifacts.

(a)WBS (b)Business case (c)release specifications (d)s/w development plan

8. The 3 different aspects of an architecture, from a management perspective are \_\_\_\_\_

(a)s/w system architecture (b)architecture baseline (c)architecture description (d)all of these

9.The views of most real-world systems are \_\_\_\_\_

(a)design (b)process (c)component (d)deployment (e)all of these

10 An architectural baseline include generally \_\_\_\_\_

(a)requirements (b)design (c)implementation (d)deployment (e)all of these

11.Only about \_\_\_\_ per cent of software development effort is devoted to programming.

12.Walkthroughs catch \_\_\_\_\_ per cent of the errors

13.\_\_\_\_ per cent of the contribution comes from \_\_\_\_ per cent of the contributors.

14.The equation w.r.t. the 5 basic software cost models parameters and the estimated cost/effort has \_\_\_\_\_

(a)personnel (b)environment (c)quality (d)size (e)process (f)all of these

15.Three distinct process perspectives are Microprocess, Macroprocess and \_\_\_\_\_

16. Expand the abbreviation: SLOC
17. Expand the abbreviation: CMMI
18. Expand the abbreviation: PSP
19. Expand the abbreviation: TSP
20. Expand the abbreviation: PCMM