

(6 pages)

Reg. No. :

**Code No. : 30544 E Sub. Code : JMCA 6 B/
SECA 6 B**

B.C.A. (CBCS) DEGREE EXAMINATION,
APRIL 2020.

Sixth Semester

Computer Application – Main

Major Elective – III — SOFTWARE PROJECT
MANAGEMENT

(For those who joined in July 2016 onwards)

Time : Three hours

Maximum : 75 marks

PART A — ($10 \times 1 = 10$ marks)

Answer ALL questions.

Choose the correct answer :

1. Waterfall Life cycle model is otherwise called as _____.
 - (a) Linear Sequential Model
 - (b) Constructive Cost Model
 - (c) Hierarchical Model
 - (d) Visual Model

2. Software cost model can be abstracted in to a function of ————— basic parameters.
(a) Two (b) Three
(c) Four (d) Five
3. The Engineering set consist of —————.
(a) Design set (b) Implementation set
(c) Deployment set (d) All the above
4. Measurements can be categorized in two ways. What are those two ways?
(a) Direct and Indirect
(b) Front and Rear
(c) Metrics
(d) Quality and Reusability
5. Quality of the product comes under which type of measures?
(a) Indirect Measure (b) Direct Measure
(c) Coading (d) None of the above
6. In software maintenance removing errors spotted by users is known as —————.
(a) Adaptive (b) Preventive
(c) Corrective (d) Perfective

7. The best way to test the Software Project Management Plan (SPMP) is by
- (a) Prototyping (b) Inspection
 - (c) Compilation (d) Simulation
8. The best way to test the Software Project Management Plan (SPMP) is by
- (a) Reusability (b) Reliability
 - (c) Scalability (d) Usability
9. Software Management Principles includes _____.
- (a) Architecture-first Approach
 - (b) Life Cycle Process
 - (c) Both (a) and (b)
 - (d) None of these
10. Software errors can be categorized as _____ types.
- (a) One (b) Two
 - (c) Three (d) Four

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 250 words.

11. (a) Write short notes on Improving Team Effectiveness.

Or

- (b) How Software Processes can be improved?

12. (a) Explain the Transition phase in software management process framework.

Or

- (b) Write short notes on Management Artifacts.

13. (a) Write short notes on work Break Down structure.

Or

- (b) Explain the Cost and Schedule Estimating Process.

14. (a) Write short notes on Management Indicator in Project Control.

Or

- (b) Write short notes on Quality Indicator in Project Control.

15. (a) Write about Early Risk Resolution.

Or

- (b) Discuss about Teamwork among Stakeholders.

PART C — ($5 \times 8 = 40$ marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 600 words.

16. (a) Explain the Waterfall Model.

Or

- (b) Explain the Process of Improving the Software Economics.

17. (a) Describe about Artifact sets in Artifacts of the Process.

Or

- (b) Write in detail about Model-Based Software Architecture.

18. (a) Explain about Workflows of the Process.

Or

- (b) Write in detail about Project Organizations and Responsibilities.

19. (a) Discuss about Project Environment in Process Automation.

Or

- (b) Explain about the process Discriminants in tailoring the process.

20. (a) Discuss about Next Generation Software Economics.

Or

- (b) Explain about Modern Process Transitions.
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