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SUBJECT CODE NO: - DD-4653**FACULTY OF SCIENCE AND TECHNOLOGY****B.Sc. Computer Science (CBCGS) (P-2022) T.Y. Sem.V****Examination November / December 2025****Select any One (Elective) Paper Software Engineering****[Time: 1:30 Hours]****[Max. Marks: 40]**

Please check whether you have got the right question paper.

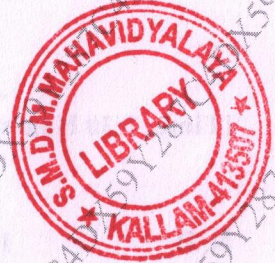
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- 1) All questions are compulsory.
- 2) Draw diagram whenever necessary.
- 3) All questions carry equal marks.

Q1 Multiple Choice Questions. (Each 1 Mark)**10**

1. _____ is not an Agile method?
 - a) XP
 - b) Scrum
 - c) Waterfall
 - d) Kanban
2. DevOps includes _____
 - a) Development only
 - b) Operations only
 - c) Integration of development and operations
 - d) Testing only.
3. Software Quality Assurance ensures _____
 - a) Defect prevention
 - b) Bug fixing
 - c) Faster development
 - d) Larger teams
4. CMM stands for _____
 - a) Capability Maturity Model
 - b) Code Management Model
 - c) Continuous Maintenance Model
 - d) Client Model
5. Which phase is last in the waterfall model?
 - a) Requirements
 - b) Deployment
 - c) Design
 - d) Coding
6. What is a coding guideline?
 - a) Design pattern
 - b) Programming rules
 - c) User manual
 - d) Test case
7. _____ is the primary purpose of SRS.
 - a) Code specification
 - b) Requirement specification
 - c) User training
 - d) Testing

8. _____ is a project metric.
- a) Number of defects b) Lines of code
c) Development time d) Code complexity
9. _____ is an example of software maintenance.
- a) Adding features b) Testing c) Designing d) Coding
10. _____ is a test suite?
- a) Code library b) Test case collection
c) Error list d) Requirement document



Q2 Describe the responsibilities involved in Software Project Planning using MS Project Tool. **10**

OR

Explain Software Configuration Management (SCM) process and its importance. **10**

Q3 List 7 C's of DevOps lifecycle for business agility and explain any two. **10**

OR

- (a) "Software doesn't wear out, but it does deteriorate". Explain. **5**
(b) What is Requirement Engineering? Discuss its phases. **5**

Q4 Write a Short Note on (Any 2) **10**

1. SQA Plan
2. DevOps Importance and Benefits
3. SRS
4. Risk Analysis and its components in software projects