



DB-003-004503 Seat No. _____

B. Sc. (IT) (Sem. V) Examination

March - 2022

CS-27 : Software Testing & Project Management
(Old Course)

Faculty Code : 003

Subject Code : 004503

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

- Instructions :** (1) All questions carry equal marks.
(2) Attempt any five of the following questions.

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| 1 | (a) Explain black box testing, white box testing and grey box testing. | 14 |
| | (b) What is non-functional testing ? Explain in detail. | |
| 2 | (a) Explain waterfall model. | 14 |
| | (b) Explain freeware, shareware and license tool. | |
| 3 | (a) Explain win runner and load runner. | 14 |
| | (b) Explain 4 p's concept for project management. | |
| 4 | (a) Explain use case diagram and class diagram of UML. | 14 |
| | (b) Explain PERT chart. | |
| 5 | (a) Explain QTP in detail. | 14 |
| | (b) Explain V-model. | |
| 6 | (a) Explain MS-VISIO with its features. | 14 |
| | (b) Explain MS-PROJECT for controlling and project management. | |

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| 7 | Explain time line chart with example. | 14 |
| 8 | (a) Explain COCOMO model.
(b) Explain project cost estimation. | 14 |
| 9 | (a) Give difference between QA and QC.
(b) Explain prototype model. | 14 |
| 10 | Explain FP based and LOC based estimation. | 14 |
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