FACULTY OF INFORMATICS

M.C.A. (CBCS) III-Semester 2 Years Course (Main) Examination, April 2022

Subject: Software Quality Testing (E2)

Time: 3 Hours   **Max. Marks: 70**

(Missing data, if any, may be suitably assumed)

**Note: Answer any five questions from the following.
All questions carry equal marks.**

1 a) Explain the challenges of Software Quality?
   b) What are Software quality Factors? Explain in detail?

2 a) Write the process of good Software Quality Assurance System?
   b) Describe the plans of Software Quality?

3 a) Explain the activities in Project Life Cycle?
   b) Describe the life cycle activities in Online Banking System?

4 a) Write about the effect of Software Quality on Project Progress Control?
   b) Explain about Supporting Quality Devices?

5 a) Explain about Software Quality Metrics and Quality Management Standards?
   b) Write about ISO 9000?

6 a) Describe abut CMM and PCMM?
   b) Write about SQA Project Process Standards?

7 a) Explain about Software Testing Methodology and testing techniques?
   b) Write about Eleven-Step software testing process?

8 a) Describe Design phase and program phase testing?
   b) Write about acceptance test results?

9 a) Explain briefly about load runner?
   b) Write about Win runner and Java Testing tools?

10 a) Describe what is JUNIT and Cactus?
    b) Write about Automated Testing tools?

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