

**Bachelor of Vocation (Web Technology & Multimedia) - 5th Sem.
(2221)**

Paper-504 : Software Testing & Quality Assurance

Time allowed: 3 hrs.

Max. Marks: 50

Note: Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any section.

The students can use only non-programmable and non-storage type calculator.

SECTION A

- Q1. What do you mean by project management process? Elaborate its various phases. 10
- Q2. What is sigma and six sigma? What are the levels of six sigma? Discuss six sigma methodology and management in detail. 10

SECTION B

- Q3. What is verification? How it is different from validation? List various techniques of code verification and discuss any one in detail. 10
- Q4. How structural testing is different from functional testing? Discuss any one method of performing structural testing in detail. 10

SECTION C

- Q5. Discuss the following in brief
- a) Test case design methods 05
 - b) Issues in object oriented testing 05
- Q6. What do you mean by object oriented testing? Elaborate fault-based testing and scenario-based testing. 10

SECTION D

- Q7. Elaborate the various phases of testing process. 10
- Q8. Write short note on the following
- a) Testing client/server system 05
 - b) Testing in multiplatform environment 05
