



K22P 0306

Reg. No. : .....

Name : .....

**III Semester M.C.A. Degree (C.B.S.S. – Regular)**  
**Examination, November 2021**  
**(2020 Admission)**

**MCA 3E02 : SOFTWARE ARCHITECTURE**

Time : 3 Hours

Max. Marks : 60

**SECTION – A**

Answer **all** questions. **Each** question carries **two** marks.

1. Define Software Architecture.
2. List common application of Software application.
3. Discuss style of the module view type.
4. What is the viewpoint oriented requirements definition method used for ?
5. Explain architecture with archetype pattern.
6. Explain access control pattern.
7. What is service variation pattern ?
8. Explain patterns for distribution.
9. List adaptable systems.
10. Discuss networked objects.

**SECTION – B**

Answer **all** questions. **Each** question carries **eight** marks.

11. a) Explain in detail software life-cycle.

OR

- b) Explain why software architecture is important.

P.T.O.



12. a) List and describe three different views in architectural design.

OR

b) With a neat diagram explain view template.

13. a) Explain categories of design pattern.

OR

b) Describe customer relationship management.

14. a) Discuss structure of model-view controller pattern.

OR

b) Write an essay about service oriented architecture.

15. a) Discuss pattern classification with suitable examples.

OR

b) Explain patterns for resource management.

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