

C 41974

(Pages : 2)

Name.....

Reg. No.....

**FOURTH SEMESTER M.Sc. DEGREE (REGULAR/SUPPLEMENTARY)  
EXAMINATION, APRIL 2023**

(CBCSS)

Computer Science

CSS 4E 03 F—WEB ENGINEERING

(2019 Admission onwards)

Time : Three Hours

Maximum : 30 Weightage

**Section A (Short Answer)***Answer any **four** questions.**Each question carries 2 weightage.*

1. List the categories of web applications.
2. List the sources of requirements in requirement Engineering for web applications.
3. Identify requirement notations suitable for web application development.
4. Define Web application architecture.
5. Differentiate software design and information design.
6. List the test objectives.
7. Identify the activities performed during project tracking.

(4 × 2 = 8 weightage)

**Section B (Short Essay)***Answer any **four** questions.**Each question carries 3 weightage.*

8. Outline evolution of Web Engineering.
9. Summarize Requirement Engineering activities.
10. Outline components of a generic web application architecture.
11. Outline interaction design.
12. Discuss navigation design.

**Turn over**

13. Write a note on risk management.
14. Explain the objectives of testing.

(4 × 3 = 12 weightage)

### Section C (Essay)

*Answer any **two** questions.*

*Each question carries 5 weightage.*

15. Discuss the steps and challenges in adapting Requirement Engineering methods for web application development. Discuss Requirement Engineering principles.
16. Discuss in detail layered architecture and database centric architecture.
17. Discuss web application modelling requirements. Explain hypertext structure modeling concepts and access modelling concepts.
18. Discuss the following : Link testing, browser testing and usability testing. Outline test-driven development.

(2 × 5 = 10 weightage)