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M.C.A. EXAMINATION, 2026

(Fourth Semester)

(Form 2021-22 Onwards)

(Re-appear Only)

REACT JS AND DJANGO

Time : 3 *Hours*] [*Maximum Marks :* 32

Before answering the question-paper, candidates must ensure that they have been supplied with correct and complete question-paper. No complaint, in this regard will be entertained after the examination.

Note : Attempt *Five* questions in all, selecting *one* question from each Unit. Q. No. **1** is compulsory.

Compulsory Question

1. (a) Define mounting in React component life-cycle. **2**

(b) Define the role of refs in React. **2**

(c) What is the Django admin interface ? **2**

(d) What do you mean by sessions in Django ? **2**

Unit I

2. What do you mean by JSX ? Discuss its advantages and limitations in React. **6**

3. Discuss the differences between stateful and stateless components with examples. **6**

Unit II

4. Explain various keys in React and their requirements in list rendering. **6**

5. Discuss the working of conditional rendering in React with examples. **6**

Unit III

6. What is the role of the Django model in the MVC design pattern ? **6**

7. Explain the use of regular expressions in Django URL routing. **6**

Unit IV

8. How do you perform page redirection in Django ? Explain with examples. **6**

9. Explain the concept of template loading and rendering in Django template system. **6**

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