

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 09

MCA (Sem.-4)

ADVANCED WEB TECHNOLOGIES

Subject Code : PGCA-1958

M.Code : 91856

Date of Examination : 24-12-22

Time : 3 Hrs.

Max. Marks : 70

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is **COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. SECTION - B & C. have **FOUR** questions each.
3. Attempt any **FIVE** questions from SECTION B & C carrying **TEN** marks each.
4. Select atleast **TWO** questions from SECTION - B & C.

SECTION-A

I. Write short notes on :

- a) What is XML DOM?
- b) Explain the steps involved in connecting the database in PHP.
- c) Discuss various array functions in PHP.
- d) What are cookies and why they are used?
- e) Explain any two errors in PHP.
- f) How to create an XML document?
- g) What is NPM?
- h) Explain the usage of JQuery.
- i) What is a date picker?
- j) What is an event in Ajax?

SECTION-B

2. Write a webpage in PHP to explain the usage of for loop.
3. What are the types, usages and benefits of CMS?
4. How to display queries in tables using MYSQL and PHP? How it is different from traditional SQL?
5. How to pass information between pages in PHP. Explain with an example.

SECTION-C

6. Discuss various data types of XML. Also, explain how to create XML documents?
7. What is the importance of forms and events in React?
8. Discuss in detail the usage of Ajax in dynamic website development.
9. What are the components of Bootstrap? Explain in detail.

NOTE : Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student.