Roll No. ☐☐☐☐☐☐☐☐☐☐

Total No. of Questions : 09

MCA (Sem.–4)
ADVANCED WEB TECHNOLOGIES
Subject Code : PGCA1958
M.Code : 91856
Date of Examination : 21-11-2023

Max. Marks : 70

Time : 3 Hrs.

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

1. Answer the following :

   a) What is content management system?

   b) What is Cookie?

   c) What is the main use of session in PHP?

   d) What is HTTP?

   e) Why ReactJS is used?

   f) What is the functionality of node package manager?

   g) What is Node.js?

   h) Why is jQuery used for?

   i) What is Ajax?

   j) What is the major benefit of using Ajax?

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SECTION-B

2. Answer the following :

   a) What are the uses and benefits of content management system? Explain in detail.

   b) List and explain the types of web services.

3. Write a PHP program to read the data from web form controls, also demonstrate the server side validation(s).

4. Answer the following :

   a) Differentiate between indexed array and associative arrays.

   b) Write a PHP script that removes last word from a string.

5. How are cookies created and accessed in PHP? Explain with the help of a PHP Script.

SECTION-C

6. What is XML? What is an XML namespace? Explain in detail.

7. What is Bootstrap? What are the key components of Bootstrap? Explain in detail.

8. How to create components in ReactJS? Explain in detail.

9. Answer the following :

   a) How to retrieve the page content in jQuery? Explain.

   b) How to manipulate page content in jQuery? Explain.

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.