Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐☐

Total No. of Pages : 02

Total No. of Questions : 09

MCA   (Sem.–4)
ADVANCED WEB TECHNOLOGIES
Subject Code : PGCA-1958
Paper ID : 91856
Date of Examination : 07-07-22

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

1. **Write short notes on :**

    a) What is type conversion in PHP?

    b) Discuss any two basic PHP errors.

    c) What is MySQL?

    d) What is CMS?

    e) Why do we require NPM?

    f) What is the use of date picker?

    g) List out different data types of PHP.

    h) What is a tooltip?

    i) What are the various attributes of XML?

    j) What is JSX?

SECTION-B

2. Describe the PHP session in detail.

3. In today's world, what are the various Web services available? Explain with an example.

4. What is the meaning of Session management, and how cookies are used for it?

5. What are the various types, usages and benefits of CMS?

SECTION-C

6. What is the use of AJAX in the Website?

7. Explain, how Node.js is used in dynamic website development?

8. What are the various components of react API?

9. Discuss various datatypes of XML. Also, explain how to create XML documents.

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.