Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐☐

Total No. of Pages : 02

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MCA (Sem.–4)
ADVANCED WEB TECHNOLOGIES
Subject Code : PGCA1958
M.Code : 91856
Date of Examination : 25-05-23

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

l. Write short notes on :

a) What is client-side scripting?

b) How strings are used in PHP?

c) Why cookies are used?

d) What is the meaning of content management system.

e) What is the meaning of datepicker?

f) What are disadvantages of AJAX?

g) What are the advantages of using xml?

h) What is a Bootstrap Container and how does it work?

i) What is a breadcrumb in Bootstrap?

j) What is component API?

SECTION-B

2. What are the main characteristics of a PHP variable? What are the variable-naming rules you should follow in PHP?

3. Differentiate between following using example :

   a) CHAR and VARCHAR

   b) CHAR_LENGTH and LENGTH?

4. What are the various types of CMS? Discuss alongwith its usage and benefits.

5. Discuss any five basic PHP errors/problems alongwith example.

SECTION-C

6. What is the difference between synchronous and asynchronous requests in AJA Explain with an example.

7. What is a well formed XML document? What is XML DOM, explain with an example.

8. How is jQuery different from other javascript frameworks? List down any four features of jQuery.

9. Discuss the various components of Bootstrap 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.