C5272　　　　　　　　(Pages : 2)　　　　　　Name....................................

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SECOND SEMESTER M.C.A DEGREE (REGULAR)) EXAMINATION APRIL 2021

M.C.A.

MCA 20 203-WEB PROGRAMMING WITH PHYTHON

(2020 Syllabus Year)

Time: Three Hours　　　　　　　　　　　　　　　　　　　Maximum: 100 Marks

Answer any **five** *full questions.*
Each question carries 20 *marks.*

1. A) Write the CSS rules for controlling the positions of elements in XHTML document. (10 Marks)

    B) Write and explain the HTML tag to create password field with its attributes. (5 Marks)

    C) Differentiate between HTML and DHTML. (5 Marks)

2. A) Explain the syntax and function of any two control flow structures in PHP with examples. (10 Marks)

    B) Write a PHP script to accept the name of any state from user and print the company name and all its branches in the state using the following relational tables:

    Company (CNo, CName, Region, State) and Branch (Bcode, Bname, City, CNo) (10 Marks)

3. A) Give an account on standard data type in python with illustration. (8 Marks)

    B) Explain the syntax and function of try, finally block in Python with example. (8 Marks)

    C) Differentiate between mutable and immutable objects in Python. (4 Marks)

4. A) Explain how exceptions are handled in Python using examples. (10 Marks)

    B) Explain the concept of class and object in python. Also describe the way of creating objects in python using class with an example. (10 Marks)

5. A) Give a detailed account on Python SQLite3 module API. (10 Marks)

    B) Explain the steps for creating table in SQLite using Python. Also write the query for inserting tuple into the table. (10 Marks)

6. A) What is content management system? Explain any two content management systems written in PHP. (10 Marks)

B) What are the different types of constructors in Python? Explain each one with illustrator. (10 Marks)

7. A) Discuss the role of Forms and Frames in HTML with examples. (10 Marks)

   B) Write a Python program to store N numbers in a list and sort the list in ascending order. (6 Marks)

8. C) What are dictionaries? Explain how it is created using Python. (4 Marks)