

M.Sc.-I (Computer Science) (CBCS Pattern) Semester - II
PSCSCT07 - Paper-III : Web Technologies

P. Pages : 2

Time : Three Hours



GUG/S/23/11189

Max. Marks : 80

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- Notes : 1. All question are compulsory & carry equal marks.
2. Draw neat and labelled diagram wherever necessary.
3. Avoid vague answers and write specific answers related to the questions.

Either :-

1. a) Explain different types of database model in detail. **8**
b) Write in detail about MySQL database. **8**

OR

- c) Explain any two string functions in PHP with suitable example. **8**
d) Explain about Array in PHP. Write a program in PHP to demonstrate multidimensional array. **8**

Either :-

2. a) What is cookies in PHP? Write the steps to create, store, retrieve and delete cookies. **8**
b) Explain the concept of classes & objects in PHP with suitable example. **8**

OR

- c) What is session? Explain how to create, store and destroy session. **8**
d) Explain the concept of PHP file handling with suitable example. **8**

Either :-

3. a) Explain identities & reserved words in Python. **8**
b) Write a note on – **8**
i) Python membership operator.
ii) Python Identity operator.

OR

- c) What is python strings? Explain with example how to access values and updating strings in python. **8**
d) Explain: **8**
i) Multiline statement
ii) Random number function.

Either :-

4. a) What do you mean by tuple? Explain how to create and delete tuple in python. **8**
- b) Write a note on – **8**
- i) Triple quotes
- ii) Unicode strings.

OR

- c) How python dictionary works? Write the procedure for creating & accessing values in a dictionary. **8**
- d) Write a note on – **8**
- i) Indexing
- ii) Sliding & matrices
5. Attempt **all** the questions.
- a) Explain advantages of PHP. **4**
- b) Explain object oriented concept. **4**
- c) Explain any one control statement in python. **4**
- d) Write about python special methods. **4**
