

R13

Code No: 814BC

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**MCA IV Semester Examinations, June/July - 2018****WEB TECHNOLOGIES****Time: 3 Hours****Max. Marks: 60****Note:** This question paper contains two parts A and B.

Part A is compulsory which carries 20 marks. Answer all questions in Part A. Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 8 marks and may have a, b, c as sub questions.

PART - A**5 × 4 Marks = 20**

- 1.a) What is the importance of cookies in web applications? [4]
- b) What are the merits of XHTML over HTML? [4]
- c) What is the need of common gateway interface? List problems associated with it. [4]
- d) Compare and contrast servlet with Java server page. [4]
- e) Is Javascript a strongly typed language? Justify your answer. [4]

PART - B**5 × 8 Marks = 40**

2. Give PHP code to read customer ID, Month and Year and display the mobile bill of that customer fetching the data from the database. Assume suitable table schema for data. [8]

OR

3. Differentiate between text and binary files, discuss PHP built-in functions for file handling. [8]

4. Construct XML schema and DTDs to store university admission data. [8]

OR

5. Demonstrate parsing of XML document using SAX parser. [8]

6. With suitable code describe servlet life cycle. [8]

OR

7. Write servlet code to implement servlet parameter passing and explain its execution. [8]

8. What are the various directives used in java server pages? Discuss briefly each one of them with suitable examples. [8]

OR

9. How to track a session in session management through java server pages? Explain with illustrations. [8]

10. Write java script to perform validation of user registration form. Phone number should have exactly 10 digits, Name should not have numbers so on. [8]

OR

11. What is AJAX? Explain applications for AJAX and compare them with Java applications. [8]