

National University of Computer and Emerging Sciences, Lahore Campus



Course: Web Programming
Program: BS(Computer Science)
Duration: 60 Minutes
Paper Date: 20-Feb-17
Section: ALL
Exam: Mid 1

Course Code: CS-406
Semester: Spring 2017
Total Marks: 40
Weight: 15%
Page(s): 2
Roll No:

Instruction/Notes: **Note: Please use the answer sheet to answer the questions.**

Question1- What are the three key elements of a HTTP request? (Please give a detailed answer on how request works)

Marks 10

Question 2- What is a container and what features does it provide? (Give details of what a container is and what it does)

Marks 10

Question 3- What is a ServletContext object and what is it used for?

Marks 5

Question 4- How should servlet developers handle the HttpServlet's service() method when extending HttpServlet? (Select the correct option)

- A They should override service() method in most cases.
- B They should call the service() method from doGet() or doPost()
- C They should call the service() method from the init() method
- D They should override at least one doXXX() method (such as doPost()).

Marks 2

Question 5- Which types of objects can store attributes? (Select the correct option)

Marks 3

- A- ServletConfig
- B-ServletResponse
- C-RequestDispatcher
- D-HttpServletRequest
- E-HttpSessionContext

Question 6- Write a JavaScript function which creates an Object 'Person'. This object should have the following properties:

- First Name
- Last Name
- Address
- Phone

Also write an HTML page which will display the data in this person object.

Marks 10