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Total Number of Pages : 2

B.TECH

4th Semester Regular Examination-April-May 2019**BCSPC4020– Advance Java Programming****(Regulations 2017) CSE,IT Branches**

Time : 3 Hours

Maximum : 100 Marks

Answer ALL Questions

The figures in the right hand margin indicate marks.

PART – A: (Multiple Choice Questions) 10 x 2=20 Mark**Q.1. Answer All Questions.**

- a. Which methods are commonly used in Server Socket class? [CO2]
a) Public Output Stream get Output Stream () b) Public Socket accept () (b)
c) Public synchronized void close () d) None of the mentioned
- b. Which of the following code creates an object? [CO1]
a). var book = Object(); b). var book = new Object ();(b)
c). var book = new OBJECT (); d). var book = new Book ();
- c. From which tag the descriptive list starts? [CO1]
a) <LL> b) <DD> c) <DL>(c) d) <DS>
- d. DTD's are [CO1]
a) Ways to create templates for out does type (a)
b) Document type declaration in XML
c) Part of name spaces d) None of these
- e. If we want define style for a unique element, then which css selector will we use? [CO1]
a) Id (a) b) text c) Class d) name
- f. Which of the following is advantage of using Prepared Statement in Java? [CO3]
a) Slow performance b) Encourages SQL injection
c) Prevents SQL injection d) More memory usage
- g. How constructor can be used for a servlet? [CO3]
a) Initialization b) Constructor function
c) Initialization and Constructor function d) Setup() method
- h. Which of the following code is used to get an attribute in a HTTP Session object in servlets? [CO3]
a) session.getAttribute(String name) b) session.alterAttribute(String name)
c) session.updateAttribute(String name) d) session.setAttribute(String name)
- i. The doGet() method in the example extracts values of the parameter's type and number by using ----- [CO3]
a) request.getParameter() b) request.setParameter()
c) response.getParameter() d) response.getAttribute()
- j. Which tag should be used to pass information from JSP to included JSP? [CO3]
a) Using <%jsp:page> tag b) Using <%jsp:param> tag
c) Using <%jsp:import> tag d) Using <%jsp:useBean> tag

**PART – B: (Short Answer Questions)10x2=20 Marks****Q.2. Answer ALL questions**

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|---|-------|
| a). Understanding the basic structure of Java Mail API. | [CO2] |
| b). Classify the different kind of DTD in XML. | [CO1] |
| c). Deliberate some of the popular drivers in JDBC. | [CO3] |
| d). Write about the connection pooling. | [CO3] |
| e). Explain about the updates to updateable Result sets. | [CO3] |
| f). what are the drawbacks of CGI? | [CO3] |
| g). How Servlet works? | [CO3] |
| h). Identify the problem with Servlet. | [CO3] |
| i). Design Radio button in HTML for Male or Female Option | [CO4] |
| j). Give the parameters and their description in Cookies. | [CO3] |

PART – C: (Long Answer Questions) 4 X15=60 Marks**Answer ALL questions****Q.3**

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| a. Why Is My External Style sheet Not Working? | [7M] [CO1] |
| b. How reading from and writing to a Socket? | [8M] [CO2] |

(OR)

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| c. Is there anything that cannot be replaced by Style Sheets? | [7M] [CO1] |
| d. Design and implement the Chatting Application in Networking Programming. | [8M] [CO4] |

Q.4

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| a. What are the components of JDBC? | [7M][CO3] |
| b. Design steps for using JDBC to access a database. | [8M][CO3] |

(OR)

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| c. State the design steps in JDBC Type Drivers. | [7M][CO3] |
| d. Write to implement the program on JDBC RowSet with suitable example | [8M][CO4] |

Q.5.

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| a.Explain the Java Servlet Development Kit. | [8M][CO3] |
| b.What is the purpose of Request Dispatcher Interface? | [7M][CO3] |

(OR)

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|---|-----------|
| c.Explain about the forward () method Vs send Redirect () method, and Servlet Config vs. Servlet Context. | [8M][CO3] |
| d. How can we upload the file to the server using servlet? | [7M][CO3] |

Q.6.

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| a. Why JSP is better than HTML and explain the implicit objects in JSP? | [7M][CO3] |
| b. How can information from one JSP be passed to another JSP and Explain the uses of <jsp: usebean> tag? | [8M][CO3] |

(OR)

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|--|-----------|
| c. Give the detailed description of JSP Directive Elements. | [7M][CO3] |
| d. How can multiple submits due to refresh button clicks be prevented? | [8M][CO3] |