

C.U.SHAH UNIVERSITY

Summer Examination-2019

Subject Name: Programming with Java - II**Subject Code :- 4CS04BJV2****Branch: B.C.A.****Semester: 4****Date : 15/04/2019****Time : 02:30 To 05:30****Marks : 70**

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
 - (2) Instructions written on main answer book are strictly to be obeyed.
 - (3) Draw neat diagrams and figures (if necessary) at right places.
 - (4) Assume suitable data if needed.
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- Q-1 Attempt the following questions: (14)**
- a) Give the full form of AWT 1
- | | |
|-------------------------------|----------------------------|
| a) Applet Windowing Toolkit | b) Abstract Window Toolkit |
| c) Absolute Windowing Toolkit | d) None of the above |
- b) Which packages contain the JDBC classes? 1
- | | |
|-----------------------------|--------------------------------|
| a) java.sql and javax.sql | b) java.rdb and javax.rdb |
| c) java.jdbc and javax.jdbc | d) java.jdbc and java.jdbc.sql |
- c) Which interface inherited by GenericServlet class 1
- | | |
|-----------------|------------------|
| a) Servlet | b) ServletConfig |
| c) Serializable | d) All Of above |
- d) Which of the following is used to call a stored procedure? 1
- | | |
|----------------------|----------------------|
| a) Statement | b) PreparedStatement |
| c) CallableStatement | d) CalledStatement |
- e) Which is an object, acts as a gateway for the client side, all the outgoing requests are routed through it and it resides at the client side and represents the remote object? 1
- | | |
|---------------|----------------------|
| a) Stub | b) Skeleton |
| c) Both A & B | d) None of the above |
- f) Which of the following code is used to get a particular attribute in servlet? 1
- | | |
|-------------------------------|--------------------------------|
| a) request.getAttribute(name) | b) response.getAttribute(name) |
| c) new Attribute(name) | d) None of the above. |
- g) getConnection () is available in which class? 1
- | | |
|---------------------|------------------------|
| a) Connection class | b) DriverManager class |
| c) Graphics Class | d) Applet Class |
- h) Which statement is used to get the information about table? 1
- | | |
|------------------------|----------------------|
| a) Statement interface | b) Database metaData |
| c) Callable Statement | d) ResultSetMetaData |
- i) . Which is not a directive element in jsp? 1
- | | |
|------------|-----------|
| a) include | b) page |
| c) taglib | d) export |
- j) How to send data in get method? 1
- | | |
|--------------------|-----------------|
| a) We can't say | b) Through url |
| c) Through payload | d) None of this |



- k) In which class getWriter() is available? 1
 a) Response class b) Request class
 c) PrintWriter class d) None Of This
- l) Which method of HttpServletResponse interface can be used to redirect response one resource to another resource? 1
 a) Goto() b) sendRedirect()
 c) forward() d) None Of This
- m) Which component is used to the value from the user. 1
 a) JRadioButton b) JcheckBox
 c) JTextField d) JLabel
- n) Which is Default layout in Layout Manager ? 1
 a) GridLayout b) FlowLayout
 c) CardLayout d) None Of this

Attempt any four questions from Q-2 to Q-8

- Q-2 Attempt all questions (14)**
 1 List out Layout Manger. Explain Any two with example. 5
 2 Explain Database Metadata with suitable Example. 5
 3 Explain Stub and Skeleton. 4
- Q-3 Attempt all questions (14)**
 1 Write a note on Servlet Life cycle. 5
 2 Explain Enterprise Architecture Styles. 5
 3 Explain Difference between Swing and AWT . 4
- Q-4 Attempt all questions (14)**
 1 Explain Statement Interface with suitable example. 5
 2 Explain Apache Tomcat as a web container. 5
 3 Explain HttpServletRequest class in detail. 4
- Q-5 Attempt all questions (14)**
 1 Explain Types of JDBC Drivers in detail. 7
 2 Explain JSP Directives Elements with suitable example. 7
- Q-6 Attempt all questions (14)**
 1 Write a difference between servlet and jsp. 5
 2 Write a note on other JDBC api's. 5
 3 Explain Hidden form field in session tracking approach. 4
- Q-7 Attempt all questions (14)**
 1 Explain Action elements in jsp with example. 5
 2 Explain RMI architecture with diagram. 5
 3 Explain JLabel, JButton control with example. 4
- Q-8 Attempt all questions (14)**
 1 Write a program to insert record using servlet in student table who have following field (rollno,name,contact,email,gender,ciry,state,country)etc.; 5
 2 Write a program to display all record of student table in tabular format using jsp. 5
 3 Write a program to find simple interest using swing. 4

