syes (10)] Java] 26



 $(2\frac{1}{2} \text{ Hours})$

[Total Marks: 75]

Q. P. Code: 34323

- N.B. 1) All questions are compulsory.
 - 2) Figures to the right indicate marks.
 - 3) Illustrations, in-depth answers and diagrams will be appreciated.
 - 4) Mixing of sub-questions is not allowed.

Q. 1 Attempt All(Each of 5Marks)

(15)

- (a) Multiple Choice Questions:
 - (i) What is not true about Swing API?
 - a) Swing components are platform-dependent
 - b) Swing components are light-weight
 - c) Swing supports pluggable look-and-feel
 - d) Swing follows MVC
 - (ii) The doGet() method extracts values of the parameter's type and number by using
 - a) request.getParameter()
 - b) request.setParameter()
 - c) responce.getParameter()
 - d) responce.getAttribute()
 - (iii) Which object of HttpSession can be used to view and manipulate information about a session?
 - a) session identifier
 - b) creation time
 - c) last accessed time
 - d) All mentioned above
 - (iv) Abbreviate the term POJO?
 - a) Performance Old Java Object
 - b) Plain Old Java Object
 - c) Performance Optimize Java Object
 - d) None of the above
 - (v) "application" implicit object in JSP is an object of which class?
 - a) javax.servlet.Context
 - b) javax.servlet.HttpContext
 - c) javax.servlet.ServletContext
 - d) javax.servlet.Application

etProtocol(), RL)) t storage of se methods
t storage of
t storage of
t storage of e methods
e methods
e memous
2555
N 3.0 KY
(15)
sword). On
sword). On report with
report with
N 8
number of
number of
(15)
(15)
s factorial
o inclosins
*
(15)

Q. P. Code: 34323

- (d) List and explain valid JSON data types.
- (e) Design a JavaBean program to store and retrieve different BankAccount details.
- (f) Explain the significance of struts.xml and web.xml file in Struts 2 application.

Q. 5 Attempt the following (Any THREE)

(15)

- (a) Write a program in java which creates a list containing at least 3 theatres name. On the click of any theatre, the movie name from theatre should be displayed in a Text field.
- (b) Write java program to insert one record of information into the database table named (depttable), by accepting the details from the user; using PreparedStatement. depttable(deptno int primary key, deptname varchar(10), deptloc varchar(10))
- (c) Explain the request life cycle of Struts 2.
- (d) Discuss the features of JFC.
- (e) Write a JSP based application that serves the purpose of simple calculator.
