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Total Number of Pages : 01

B.Tech
PCS5J101

5th Semester Regular/Back Examination 2019-20

ADVANCED JAVA PROGRAMMING

BRANCH : CSE

Max Marks : 100

Time : 3 Hours

Q.CODE : HRB391

Answer Question No.1 (Part-1) which is compulsory, any EIGHT from Part-II and any TWO from Part-III.

The figures in the right hand margin indicate marks.

Part-I

Q1 Only Short Answer Type Questions (Answer All-10) (2 x 10)

- Enlist any four methods of HTTP.
- What are cookies?
- What are the action tags in JSP?
- What is XML?
- What is servletConfig?
- What is web server ? List any two web servers.
- What is the purpose of servlet?
- What is the importance of WSDL?
- Enlist type of beans.
- What are the features of JSF?

Part-II

Q2 Only Focused-Short Answer Type Questions- (Answer Any Eight out of Twelve) (6 x 8)

- Explain steps to create RMI application.
- Explain n-tier architecture.
- Explain with example servlet collaboration through inheritance.
- Explain session tracking in detail.
- What are the JSP action tags ? Explain with example.
- Explain JSP life cycle in detail.
- Explain the architecture of JSF.
- Explain stateless and stateful session beans.
- What is web service ? Explain role of SOAP in SOA.
- Explain architecture of Java Mail.
- Explain the components of struts based application.
- Write a program to read mail using java mail API

Part-III

Only Long Answer Type Questions (Answer Any Two out of Four)

- Q3 What is RMI? Explain RMI architecture with suitable example. (16)
- Q4 Explain the N Tier architecture in detail. (16)
- Q5 Explain MVC ? Explain struts validator framework in detail. (16)
- Q6 What are the scripting elements ? Describe it with suitable example. (16)