

CODE NO:- K-5
FACULTY OF ENGINEERING AND TECHNOLOGY
T.E. (CSE/ IT) Examination Nov/Dec 2015
Advanced JAVA
(Revised)

[Time: Three Hours]

[Max. Marks: 80]

“Please check whether you have got the right question paper.”

N.B

- i) Q. 1 and Q. 6 are compulsory
- ii) Solve any two question from remaining in each section.

Section – A

- Q1. Solve any five 10
- i) What is RMI?
 - ii) Enlist the types of container
 - iii) What is servlet control and servletconfig?
 - iv) What is Response redirection? Give example.
 - v) Enlist JSP implicit objects.
 - vi) What are scripting elements? Give example.
 - vii) Enlist servlet implementation interfaces and classes.
- Q.2 a) Explain java EE architecture 07
- b) What is HTTP protocol? Explain HTTP request & HTTP response classes. 08
- Q.3 a) Explain servlet life cycle in detail. 07
- b) Explain with example servlet collaboration through shared objects. 08
- Q.4 a) What are JSP directive? Explain with example page directive and include directive. 08
- b) Discuss JSP model 1 and JSP model 2 architecture. 07
- Q.5 Write short notes (any three) 15
- a) RMI architecture
 - b) Custom tags in JSP
 - c) AJAX
 - d) Session tracking in servlets.

Section – B

- Q.6 Solve any five 10
- i) What is HQL?
 - ii) What is the role of SOAP in SOA?
 - iii) List the components of struts.
 - iv) Differentiate between SMTP and POP3?

- v) What is MVC architecture?
 - vi) What is entity bean?
 - vii) Elements of JSF?
- Q.7 a) Grate a student table. Write a java Bean and hibernate mapping file to show the mapping between database table and java Beam. 10
- b) Explain the steps used by struts to process a client's request. 05
- Q.8 a) What is a web service? Explain with example steps to create a simple web service. 08
- b) Explain the following : UDDI, WSDL, XML and SOAP 07
- Q.9 a) Explain the request processing life cycle of JSF. 07
- b) Explain the EJB architecture. 08
- Q.10 Write short notes (any three) 15
- i) Write mail using java mail
 - ii) SOA architecture
 - iii) O/R mapping
 - iv) JSF architecture
 - v) Struts architecture