

24469

B. Tech. 7th Semester (IT) F-Scheme Examination,

December-2017

ADVANCED JAVA

Paper-CSE-409 -F

Time allowed : 3 hours]

[Maximum marks : 100

Note : Question No. 1 is compulsory. Attempt five questions in total selecting one question from each unit.

1. (a) What is an exception ? 8×2½=20
(b) What are advantages of Java Sockets ?
(c) Define LDAP. How LDAP directory keep its data ?
(d) Define parameter marshalling.
(e) What are the different features of Java bean ?
(f) What are tabbed panes ?
(g) Name any six tools available in AWT.
(h) What is difference between certificate signing and code signing ?

Section-A

2. (a) What is inheritance ? Explain various types of inheritance with example. 10
(b) What are Applets ? Explain their usage. How they are different from java programs ? 10

24469-P-3-Q-9 (17)

P.T.O.

(2)

24469

3. (a) What is multithreading? Mention its advantages and write a program that implements multithreading. 10
- (b) What is a socket? Describe different types of sockets. What are the applications of socket programming. 10

Section-B

4. How parameters are passed in Remote Methods? Explain various remote Method calls with SOAP. 20

5. Write notes on : 20

- (a) Query Execution
- (b) CCRA
- (c) JDBC
- (d) LDAP

Section-C

6. Explain following with reference to AWT : 20

- (a) Co-ordinate transformation
- (b) Image manipulation
- (c) Drag and Drop

7. Explain the importance and use of strokes in AWT with the help of examples. 20

24469

(3)

24469

Section-D

8. (a) Explain the bean writing process by example. 10
- (b) What are the purposes of introspection in Java Bean? Explain why is not a Bean an Applet?

9. Write notes on (any two) : 20

- (a) Security managers and permissions
- (b) Digital signatures
- (c) Byte Code verification

24469