AR – 619

Sixth Semester B. Sc. (Final) Examination

COMPUTER APPLICATION (Vocational)

6S : Advanced Java and Asp.

P. Pages : 5

Time : Three Hours]   [Max. Marks : 80

Note : (1) All questions are compulsory.

(2) Draw neat sketches wherever necessary.

(3) Assume suitable data wherever necessary.

1. (a) Fill in the blanks :—

   (i) The Applet class is contained in —— package.

   (ii) —— is used for tracing in session.

   (iii) —— is technology that enables script in web pages.

   (iv) Array in java are dynamically allocated using the —— operation.   2

   (b) Choose correct alternatives :—

   (i) Java source code is compiled into

      (a) · obj

      (b) · exe

(c) • int

(d) byte code.

(ii) —— is used to interprete and execute java applet classes by HTML.

    (a) Applet execute

    (b) Applet viewer

    (c) Applet teacher

    (d) Applet run.

(iii) Which one of the following is collection of response object ?

    (a) Ad Rotator

    (b) Binary Read

    (c) Lock

    (d) Cookies.

(iv) Which method destroys a user session immediately ?

    (a) Remove

    (b) End

    (c) Abandon

    (d) None.   2

(C) (i) **What is meant by cookies ?**

(ii) What is string ?

(iii) What is meant by ADO ?

(iv) What are wrapper classes ? 4

2. (a) What is meant by package ? What are types of packages ? Explain it. 6

(B) Write a program in java to print transpose of a matrix. 6

OR

3. (a) Explain the java API packages with hierarchy. 6

(b) Write a program in java showing use of user defined package. 6

4. (a) What is built -- in exception ? Explain any four built -- in exceptions. 6

(b) What is exception handling ? How to create your own exception ? 6

OR

5. (a) Describe any four methods of thread class. 6

(b) How nesting can be used in exception handling ? Explain with example. 6

6. (a) Explain Applet life cycle with diagram. 6

(b) Create an applet to draw rectangle. 6

OR

7. (a) Explain common methods of applet class. 6

(b) State and explain difference between application and applet. 6

8. (a) What is meant by cookies ? How the cookies can be created and modified ? Explain it.

6

(b) Explain the following terms :—

(a) Session ID

(b) Content collection of session object

(c) Time out. 6

OR

9. (a) What is application objects ? Explain object methods. 6

(b) Write an ASP to create and print the cookies.

6

AR–619 4

10. (a) Explain the use of 'global·asa' file with example. 6

    (b) What is meant by error ? Explain ASP error. 6

OR

11. (a) What is conditional tracing ? Explain it. 6

    (b) Create an ASP code to demonstrate the use of session object. 6

12. (a) What is server object ? Explain its properties and methods. 6

    (b) Explain AdRotator component in detail. 6

OR

13. (a) Explain content linking component of an ASP. 6

    (b) How to create, open and close connection using connection object ? Explain with example. 6

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