

AP-527

B.Sc. (Part—III) Semester—VI Examination
6S : COMPUTER APPLICATIONS (Vocational)
(Advanced Java and ASP)

Time : Three Hours]

[Maximum Marks : 80

Note :—(1) **ALL** questions are compulsory.

(2) Question No. 1 carries **8** marks and all other questions carry **12** marks each.

(3) Assume suitable data wherever necessary.

1. (A) Answer in **ONE** sentence :—

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(i) What is meant by thread ?

(ii) What is meant by applet ?

(iii) What is the purpose of catch clause ?

(iv) What is the tag used to embed an applet in HTML file ?

(B) Fill in the blanks :—

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(i) The _____ command is used to create cookies.

(ii) The _____ can directly stop the execution of a thread.

(iii) A _____ stores information about, or change setting for a user session.

(iv) _____ method sends buffered HTML output.

(C) Choose the correct answer : 2

(i) Which one of the following methods keeps the thread t in run state ?

(a) t. start ()

(b) t. run ()

(c) t. set Run

(d) t. stop

(ii) Which is the Java program that is primarily used in internet computing ?

(a) Applets

(b) URL

(c) Class

(d) None

(iii) Which is a single flow of control within a program ?

(a) multithread

(b) thread

(c) interface

(d) package

11. (A) Explain the following terms :

(i) Session event code

(ii) Conditional Tracing. 6

(B) How will you create and debug ASP script ? Explain with example. 6

12. (A) Explain the following terms :

(i) Server Object

(ii) Content Linking Component. 6

(B) What is meant by connection object and record set in ASP ? Explain with example. 6

OR

13. (A) Explain database connectivity with ODBC. 6

(B) Explain the following terms :

(i) Server side scripting

(ii) Client side scripting. 6

(iv) Which contains the body of thread ?

- (a) Run ()
- (b) Wait ()
- (c) Start ()
- (d) None

2. (A) How are the packages created in Java ? Explain with example. 6
- (B) Write a program for sorting array element in Java. 6

OR

3. (A) Explain the procedure for adding class to a package with example. 6
- (B) Explain string method with example. 6
4. (A) Explain multithreading with example. 6
- (B) Write a program to demonstrate the use of nested try statement. 6

OR

5. (A) Explain exception handling in Java with example. 6
- (B) Explain multiple catch clause with example. 6
6. (A) Explain the procedure for creating executable applet. 6

(B) Explain the following terms :

(i) Applet code

(ii) Applications. 6

OR

7. (A) Discuss Applet life cycle with example. 6

(B) Explain the procedure to create a Simple Applet. 6

8. (A) Explain object collection with suitable example. 6

(B) Explain Application objects in detail. 6

OR

9. (A) What is meant by session object collection ? Explain. 6

(B) Explain the following terms :

(i) Object method

(ii) Properties of session object. 6

10. (A) Explain the following terms :

(i) Syntax error

(ii) ASP error. 6

(B) How will you declare object in ASP ? Explain with example. 6

OR