

**B.Sc. (Part—III) Semester—VI Examination**  
**COMPUTER APPLICATIONS (VOC.)**  
**(Advanced Java and ASP)**

Time : Three Hours]

[Maximum Marks : 80

- Note :—** (1) Q. No. 1 is compulsory  
(2) Assume suitable data wherever necessary.  
(3) Illustrate your answer with the help of neat sketches wherever necessary.

1. (A) Fill in the Blanks ( $\frac{1}{2}$  mark each) :— 2
- (i) Try, catch, throws and finally keywords are used in Java for \_\_\_\_\_.
  - (ii) The \_\_\_\_\_ are run on client side scripting.
  - (iii) The general form of package statement is \_\_\_\_\_.
  - (iv) \_\_\_\_\_ occurs every time when a user ends a session.
- (B) Choose the correct alternative :— 2
- (i) The ASP response object is used to send output to the user from :
    - (a) Server (b) Application
    - (c) Client (d) Database
  - (ii) Which is valid keyword in Java ?
    - (a) Interface (b) String
    - (c) Float (d) Unsigned
  - (iii) Which one of the following is collection of request object ?
    - (a) Cookies (b) Object
    - (c) adRotator (d) binary Read

(iv) Which is used to start a thread execution ?

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

(C) Answer in one sentence :—

4

- (i) What is meant by ASP error ?
- (ii) What is a native method ?
- (iii) What is Wrapper classes ?
- (iv) What is meant by Applet Code ?

2. (A) Explain multidimensional array with example.

6

(B) Explain API package with example.

6

**OR**

3. (A) What is meant by package ? Explain.

6

(B) WAP in Java to sort a given array of integer in ascending order.

6

4. (A) Describe any four methods of thread class.

6

(B) Write a program in Java for exception handling.

6

**OR**

5. (A) What is multiple threads ? Explain.

6

(B) Explain nested try statement with example.

6

6. (A) Write an Applet for displaying text message.

6

(B) Explain the following terms :—

- (i) Applet tag
- (ii) Applet code

6

**OR**

7. (A) Explain life cycle methods of an applet.

6

(B) Explain :

- (i) drawRect
- (ii) fillArc
- (iii) getColor.

6

8. (A) What is meant by cookies ? Explain its operation. 6  
(B) Explain following terms :— 6  
(i) Object collection  
(ii) Object methods.

**OR**

9. (A) Describe any three properties of session objects. 6  
(B) Write an ASP to create and print cookies. 6  
10. (A) What is event ? Explain Application events. 6  
(B) Describe the conditional tracing with example. 6

**OR**

11. (A) Explain the use of 'global.asa' file with suitable example. 6  
(B) Explain types of errors with suitable examples. 6  
12. (A) Explain : 6  
(i) Server Object  
(ii) ASP errors.  
(B) Explain the properties of ASP AdRotator Component. 6

**OR**

13. (A) Explain OLEDB connectivity with ASP. 6  
(B) Write a program to demonstrate the use of ODBC. 6

