

**B.Sc. (Part-III) Semester—V Examination**  
**COMPUTER APPLICATIONS (VOC.)**  
**(Java and ASP Programming)**

Time : Three Hours]

[Maximum Marks : 80

- N.B. :-** (1) Question 1 is compulsory.  
(2) Question Nos. 2 to 13 carry equal marks.  
(3) Draw neat sketches wherever necessary.  
(4) Assume suitable data wherever necessary.

1. (A) (i) \_\_\_\_\_ command is used for interpretation of Java Program.  
(ii) \_\_\_\_\_ type of inheritance is not supported by Java.  
(iii) ASP stands for\_\_\_\_\_.  
(iv) \_\_\_\_\_ is the default scripting language in ASP. 2
- (B) (i) Page designed in HTML is called as \_\_\_\_\_.  
(a) Yellow Page  
(b) Front Page  
(c) Web Page  
(d) Server Page
- (ii) \_\_\_\_\_ is used to create table in HTML.  
(a) List tag  
(b) Body tag  
(c) Head tag  
(d) Table tag
- (iii) Java intermediate code is known as :  
(a) Byte code  
(b) Mid code  
(c) Bit code  
(d) First code

(iv) Multiline comments starts with :

(a) //

(b) / \* \*

(c) /\* \*/

(d) /\*

2

(C) (i) What does OOP stand for ?

(ii) Write a syntax of do .... while loop ?

(iii) What are the attributes of image tag ?

(iv) What is dynamic web page ?

4

2. (A) What are various applications of Java Programming Language ?

6

(B) Explain Java Virtual Machine in detail.

6

**OR**

3. (A) Write short notes on :

(i) Platform Independence

(ii) Portability.

6

(B) Write down the steps of compiling and executing a Java Program.

6

4. (A) Write a Java Program to print pattern :

```
*
*  *
*  *  *
*  *  *  *
*  *  *  *  *
```

6

(B) What are looking statements in Java ? Explain While ..... loop with example.

6

**OR**

5. (A) Write a Java Program to print a number largest among two numbers.

6

(B) Write short notes on :

(i) Character Set

(ii) Constants.

6

6. (A) Explain 'this' keyword with example.

6

(B) Write a program in Java to calculate the area of circumference.

6

**OR**

7. (A) Explain the concept of abstract class and abstract methods with suitable example. 6  
 (B) What is the concept of method overloading ? Explain with example. 6
8. (A) Write a HTML Program to demonstrate the use of image tag. 6  
 (B) Explain various table formatting tags. 6

**OR**

9. (A) What is HTML ? Explain the document structure of HTML with suitable example. 6  
 (B) Explain the following tags with example :  
 (i) HEAD  
 (ii) FONT  
 (iii) TITLE. 6
10. (A) What are various operators in ASP ? Explain. 6  
 (B) Write a HTML code to display given number is palindrome or NOT. 6

**OR**

11. (A) Explain the following terms in ASP :  
 (i) Data Types  
 (ii) Constants. 6  
 (B) Write short notes on :  
 (i) Server side scripting  
 (ii) Client side scripting. 6
12. (A) How objects are created and managed ? Explain. 6  
 (B) Write short notes on :  
 (i) Caching  
 (ii) Redirection. 6

**OR**

13. (A) Explain instances and classes. 6  
 (B) How to create and manage output in ASP ? Explain with suitable example. 6

