

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

Time : Three Hours]

[Maximum Marks : 80

- N.B. :—** (1) Question No. 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) Fill in the blanks :

- (i) \_\_\_\_\_ tag is used to create row in table.  
 (ii) Deriving new class from old class is carried by \_\_\_\_\_ mechanism.  
 (iii) ASP stands for \_\_\_\_\_.  
 (iv) OOP stands for \_\_\_\_\_.

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(b) Choose the correct alternative of the following :

- (i) HTML is used to design :  
 (a) Front page (b) Web page  
 (c) Yellow page (d) None of above
- (ii) Which file name extension is used for HTML file :  
 (a) asp (b) html  
 (c) css (d) none of above
- (iii) Java intermediate code is known as :  
 (a) Mid code (b) Byte code  
 (c) Bit code (d) First code
- (iv) HTML can not support \_\_\_\_\_ feature.  
 (a) Markup (b) Scripting  
 (c) Programming (d) None of above

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- (C) Answer in **one** sentence each :
- (i) What is <body> tag ?
  - (ii) What is dynamic web page ?
  - (iii) What is loop ?
  - (iv) What is ASP ? 4
2. (A) Explain the benefits and application of OOP. 6
- (B) Explain the following :
- (i) Java Byte Code
  - (ii) Java Virtual Machine. 6
- OR**
3. (A) Explain Object Oriented Programming paradigm. 6
- (B) Explain the following :
- (i) Independence of security platform
  - (ii) Portability. 6
4. (A) Write a program in Java to swap two values. 6
- (B) Explain the following :
- (i) Java Applet
  - (ii) Constants. 6
- OR**
5. (A) Write a program in Java to print an array of 10 elements in reverse order. 6
- (B) Explain do...while statement with suitable example. 6
6. (A) Explain 'this' keyword with example. 6
- (B) Write a program in Java to perform class and object relation. 6
- OR**
7. (A) Explain the following :
- (i) finalise ( ) method
  - (ii) method overriding. 6
- (B) What is constructor ? Explain with suitable example. 6

8. (A) Write an HTML code that creates the following output :
- (i) HTML
    - (a) Tags
    - (b) Attributes
  - (ii) Java
    - (a) Inheritance
    - (b) Encapsulation. 6
- (B) What is <Table> tag ? Explain with suitable example. 6
- OR**
9. (A) Explain different attributes available in table and list tag. 6
- (B) Explain the following tags :
- (i) <BODY>
  - (ii) <A>
  - (iii) <HEAD> 6
10. (A) Explain in short the looping structure available in ASP with example. 6
- (B) What is function ? Explain using ASP concept. 6
- OR**
11. (A) What is dynamic web pages ? Explain it. 6
- (B) Explain the following :
- (i) Server side scripting
  - (ii) Client side scripting. 6
12. (A) What is Encapsulation ? Explain it. 6
- (B) What is class ? Explain its properties. 6
- OR**
13. (A) Explain the following :
- (i) Form
  - (ii) Query string. 6
- (B) How to create and manage output in ASP ? Explain with suitable example. 6

