

B.Sc. Part—III (Semester—V) Examination

COMPUTER APPLICATION (VOC.)

(5S—Java and ASP Programming)

Time : Three Hours]

[Maximum Marks : 80

- Note :—**(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 : 2
- (i) Class is a collection of ———.
 - (ii) ——— operator is used to create objects in Java.
 - (iii) ——— tag is used to display image in web browser.
 - (iv) The ordered list is presented by ——— tag.
- (b) Choose correct alternative : 2
- (i) The ——— attribute used to display the background color in web browser using <body> tag.

- (a) Font color
 - (b) BG color
 - (c) COLOR
 - (d) None of above.
- (ii) _____ filename extension is used to name the active server page.
- (a) ASP
 - (b) XASP
 - (c) ASPX
 - (d) None of above.
- (iii) An _____ is a runtime entity.
- (a) Keyword
 - (b) Object
 - (c) Public
 - (d) Private.
- (iv) HTML is a type of _____ language.
- (a) Programming
 - (b) Markup
 - (c) Machine
 - (d) Assembly.

- (b) What is ordered list ? Explain with suitable HTML code. 6
10. (a) Explain the declaration and initialization variables in ASP. 6
- (b) What is scripting ? Explain server side scripting. 6

OR

11. (a) What is client side scripting ? Explain with suitable example. 6
- (b) Explain decision making and looping structures in ASP. 6
12. (a) What is Encapsulation ? Explain with example. 6
- (b) Explain the methods :
 - (i) Clear
 - (ii) End. 6

OR

13. (a) Explain the following :
 - (i) Instances
 - (ii) Classes. 6
- (b) Explain the content expiration and catching. 6

6. (a) What is constructor ? Explain with example. 6
 (b) What is method overloading ? Explain with example. 6

OR

7. (a) What is inheritance ? Explain types of Inheritance. 6
 (b) Explain the finalize () method with example. 6
8. (a) Explain the following tags :
 (i) < BODY >
 (ii) < A >
 (iii) < Img > 6
 (b) What is HTML ? Explain its advantages and disadvantages. 6

OR

9. (a) Write HTML code for the following table :

Name	Subjects		Total
	CPS	Phy	
Ram	79	70	149
Nitin	70	75	145
Nikita	65	80	145
Abhay	60	75	135
Grand		Total	574

6

- (c) Answer in **one** sentence : 4
- (i) What is constant ?
 - (ii) What is object ?
 - (iii) What is inheritance ?
 - (iv) What is <title> tag ?
2. (a) State the benefits and applications of Java. 6
- (b) Explain the following terms :
- (i) OOP
 - (ii) Java byte code. 6

OR

3. (a) What is JVM ? Explain. 6
- (b) Explain the difference between C++ and Java. 6
4. (a) Explain the structure of Java program with a suitable example. 6
- (b) Write a program in Java to print the Fibonacci series. 6

OR

5. (a) What is data type ? Explain various data types in Java. 6
- (b) Write a program in Java, to swap the values of two variables. 6