

**B.Sc. (Part—III) Semester—V Examination**  
**5S : COMPUTER APPLICATION (Voc.)**  
**(Java and ASP Programming)**

Time : Three Hours]

[Maximum Marks : 80

- Note** :— (1) All questions are compulsory.  
(2) Questions 2 to 13 carry equal marks.  
(3) Assume suitable data wherever necessary.

1. (A) Fill in the blanks :— 2  
(i) Creating new class from an existing class is called \_\_\_\_\_ .  
(ii) IIS Stands for.  
(iii) An \_\_\_\_\_ is a run time entity.  
(iv) \_\_\_\_\_ tag is display image on web page.
- (B) Choose correct alternative :— 2  
(i) If one task performed by different ways, it is known as \_\_\_\_\_ .  
(a) Polymorphism (b) Abstraction  
(c) Encapsulation (d) Inheritance  
(ii) \_\_\_\_\_ web page changes contents every time.  
(a) Static (b) HTML  
(c) Dynamic (d) Simple  
(iii) Browser process \_\_\_\_\_ scripting.  
(a) Server-side (b) Client-side  
(c) Both (a) and (b) (d) None of the above  
(iv) \_\_\_\_\_ has same name as the class itself.  
(a) Destructor (b) Method  
(c) Constructor (d) None of the above
- (C) Answer in one sentence : 4  
(i) What is class ?  
(ii) What is Ordered list ?  
(iii) What is variable ?  
(iv) What is request ?
2. (A) Explain the benefits and application of OOPS. 6  
(B) Explain :  
(i) Byte codes  
(ii) JVM 6
- OR**
3. (A) Explain Java virtual Machine. 6  
(B) Explain :—  
(i) Platform independence  
(ii) Java support system. 6
4. (A) Explain variou primary data types in Java. 6  
(B) Explain :—  
(i) for  
(ii) if ... else with example. 6

**OR**

5. (A) Explain structure of Java program with suitable example. 6  
(B) Explain :  
(i) do...while (ii) Conditional operator with example 6
6. (A) What is method overloading ? Explain with suitable example. 6  
(B) Explain garbage collection in Java. 6

**OR**

7. (A) What is inheritance ? Explain different forms of inheritance. 6  
(B) Explain :—  
(i) Abstract method  
(ii) Finalize ( ) method. 6
8. (A) What is ordered list ? Explain with suitable example. 6  
(B) Explain image tag with example. 6

**OR**

9. (A) Explain following tags :  
(i) < PRE >  
(ii) < CODE > 6  
(B) Write HTML code for following list  
● Body  
● Head  
● Hand  
● finger  
● thumb  
● Mind  
● Brain  
● Neuron 6

10. (A) Explain static web page. Describe steps for generation of static web page. 6  
(B) Explain :  
(i) GET  
(ii) it ... else ... end if. 6

**OR**

11. (A) How to declare variable in ASP ? Explain with example. 6  
(B) Explain :  
(i) POST  
(ii) While ...wend. 6
12. (A) What do you mean by collections ? Explain various collections of request object. 6  
(B) Explain :—  
(i) Redirect  
(ii) Content expiration and caching. 6

**OR**

13. (A) What is querystring ? How are querystring generated ? 6  
(B) Explain properties and methods of request object. 6