



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) if ... 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