AW–1750

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