

AU-173

B.Sc. (Part—III) Semester—VI Examination
6S : COMPUTER APPLICATION (Voc.)
(Advanced Java and ASP)

Time : Three Hours]

[Maximum Marks : 80

- N.B. :—** (1) All questions are compulsory.
 (2) Draw neat sketches wherever necessary.
 (3) Assume suitable data wherever necessary.

1. (a) Fill in the blanks :
- (i) Array in Java is dynamically allocated using the _____ operator.
 - (ii) This keyword stores _____.
 - (iii) The _____ receives exceptions.
 - (iv) ASP stands for _____.
- 2
- (b) Choose the correct alternative :
- (i) Thread is created using _____ interface.

(a) Thread	(b) Runnable
(c) Process	(d) Run
 - (ii) Exceptions are _____ error.

(a) Runtime	(b) Compile time
(c) Process	(d) Physical
 - (iii) Which tags are necessary for creation of an Applet ?

(a) Name, height, width	(b) Codebase, height, width
(c) Code, height, width	(d) Code, name
 - (iv) Finally block is executed last in _____.

(a) Try	(b) Catch
(c) Throws	(d) Exception handling
- 2
- (c) Answer in **one sentence** each :
- (i) What is package ?
 - (ii) What is thread ?
 - (iii) What are types of error ?
 - (iv) What is session ?
- 4

2. (A) Write a program in Java to sort elements of an array. 6
(B) Write procedure to create your own package. 6

OR

3. (A) Write a program in Java to search an element using sequential search. 6
(B) Explain :
(i) Import
(ii) Hang package. 6
4. (A) What are the different ways to create a thread ? Explain with example. 6
(B) Explain :
(i) Try block
(ii) Catch block. 6

OR

5. (A) Explain life cycle of Thread. 6
(B) Explain :
(i) Throws
(ii) Finally. 6
6. (A) Explain :
(i) init ()
(ii) start ()
(iii) destroy (). 6
(B) Create an applet to display following on applet area. 6



OR

7. (A) Explain :
(i) Paint ()
(ii) Update (). 6
(B) Create an applet displaying Olympic symbol on applet area. 6



8. (A) What are Cookies ? Explain. 6
(B) What are session object ? Explain. 6

OR

9. (A) How cookies persist ? Explain. 6
(B) What are application objects ? Explain. 6
10. (A) What is Global.asa ? Explain. 6
(B) How error handling is done in ASP ? Explain. 6

OR

11. (A) What are application events ? Explain. 6
(B) What is the need of tracing ? Explain. 6
12. (A) What is AD Rotator ? Explain. 6
(B) What are connection object ? Explain. 6

OR

13. (A) Explain :
(i) Record set
(ii) Field object. 6
(B) Write procedure to create connection in ASP. 6

