

C.U.SHAH UNIVERSITY

Summer Examination-2018

Subject Name : Programming with Java –I

Subject Code : 4CS03BJV1/4CS03IJV1

Branch: B.C.A./B.Sc.I.T.

Semester: 3

Date: 22/03/2018

Time : 02:30 To 05:30

Marks : 70

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
 - (2) Instructions written on main answer book are strictly to be obeyed.
 - (3) Draw neat diagrams and figures (if necessary) at right places.
 - (4) Assume suitable data if needed.
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Q.-1 Attempt the following:

14

- 1) Full form of JRE is _____
 - a) Java Return Edition
 - b) Java Runtime Engine
 - c) Java Runtime Edition
 - d) Java Runtime Environment
- 2) Which is a data type in java?
 - a) int
 - b) boolean
 - c) float
 - d) All of the above
- 3) Which package is used to add/use component/control in java?
 - a) java.io
 - b) java.lang
 - c) java.net
 - d) java.awt
- 4) Which type of overloading is not available in java?
 - a) Class
 - b) inheritance
 - c) Object
 - d) All of the above.
- 5) The != operator is _____ operator.
 - a) Arithmetic
 - b) Logical
 - c) Short hand
 - d) Relational.
- 6) To put multiple classes at one place, _____ is used.
 - a) Inheritance
 - b) Dynamic initialization
 - c) Package
 - d) Constructor
- 7) Which event is used for check box in java?
 - a) CheckEvent
 - b) ItemEvent
 - c) MouseCheckEvent
 - d) WindowEvent
- 8) _____ variables used anywhere in the program



- a) private
c) public
- b) protected
d) None
- 9) Full form of AWT is _____
- a) Abstract window toolkit.
c) Abstract window task
- b) Applet window toolkit
d) Applet window task
- 10) To create matrix of same size vertically and horizontally, ___ array is used?
- a) 1D
c) Both A and B
- b) 2D
d) None of the above
- 11) Which is an access specifier in java?
- a) public
c) protected
- b) private
d) All of the above
- 12) Which of these is a logical operator?
- a) >
c) &&
- b) <
d) ==
- 13) Which of these Listener is used for Button?
- a) ActionListener
c) WindowListener
- b) ItemListener
d) None
- 14) Which of these methods is used to draw string line in applet?
- a) drawStream()
c) drawString()
- b) drawLine()
d) String()

Attempt any FOUR from following.

- Q.-2 Attempt following. 14**
- a) Explain History of java. 5
- b) Explain for loop in java. 5
- c) Explain any two logical operators with example. 4
- Q.-3 Attempt following. 14**
- a) Write a note on OOP Concept. 5
- b) Discuss Types of inheritance. 5
- c) Explain switch case with example. 4
- Q.-4 Attempt following. 14**
- a) How to initialize object? Explain constructor with example. 5
- b) Explain 2D array with example. 5
- c) Explain nested loop in java. 4



Q.-5 Attempt following. 14

- a) Explain methods of Vector class. 5
- b) Explain Applet life cycle. 5
- c) Write a comparative note on: ActionListener and ItemListener. 4

Q.-6 Attempt following. 14

- a) Explain TextField and Button Control with its methods. 5
- b) Explain CheckBox with ItemEvent. 5
- c) Describe RadioButton with methods. 4

Q.-7 Attempt following. 14

- a) Explain event delegation model. 5
- b) What is stream? Explain FileReader class. 5
- c) Write an applet program to draw and fill Circle with black color. 4

Q.-8 Attempt following. 14

- a) Write a java program to find maximum from five nos. entered in array. 7
- b) Write a program to implement following using applet. 7
(Note : MALE and FEMALE are Radio button, Any one Radio Button is selected, it's title displayed in Answer TextField.)

Enter Gender Male Female

Answer

