

C.U.SHAH UNIVERSITY

Summer Examination-2019

Subject Name: Programming with Java

Subject Code: 4CS05IJV1

Branch: B.Sc.I.T.

Semester: 5

Date: 14/03/2019

Time: 10:30 To 01:30

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.

Q-1	Attempt the following questions:	(14)
	a) Write a Full form of JVM.	1
	b) Which keyword is used to inherit one class to another class in Java?	1
	c) Define Class.	1
	d) List logical operator in Java.	1
	e) Define object.	1
	f) What is the role of continue statement in Java?	1
	g) Define Array.	1
	h) List types of constructor.	1
	i) Write a Full form of JDK.	1
	j) What is the use of appletviewer ?	1
	k) Explain drawLine().	1
	l) What is the use of Recursion.	1
	m) Write a Full form of AWT	1
	n) Which types of inheritance does not support by Java?	1

Attempt any four questions from Q-2 to Q-8

Q-2	Attempt all questions	(14)
	1 What is Java? Explain History of Java.	5
	2 Explain Datatypes available in Java.	5
	3 Explain Access specifier available in Java.	4
Q-3	Attempt all questions	(14)
	1 Explain difference between 'C++' and 'Java'	5
	2 What is Inheritance? Explain Types of Inheritance.	5
	3 Explain Java tokens.	4
Q-4	Attempt all questions	(14)
	1 Explain Features of Java.	7
	2 Explain Looping statement in Java with example.	7
Q-5	Attempt all questions	(14)
	1 Explain any five string Class function.	5
	2 Explain break and continue statement with example.	5
	3 What is thread? Explain thread lifecycle.	4



Q-6	Attempt all questions	(14)
1	What is the use of Layout Manager? Explain any two with example.	5
2	Explain Graphics class with its method.	5
3	What is exception? Explain try, catch, finally and throw block.	4
Q-7	Attempt all questions	(14)
1	Explain Applet lifecycle.	5
2	Explain Text Field and Button control in applet with example	5
3	Explain function overloading.	4
Q-8	Attempt all questions	(14)
1	Write a program to find simple Interest	5
2	Write a program to find Maximum number out of two numbers.	5
3	Write a program to enter number and print sum of digit.	4

