

C. U. SHAH UNIVERSITY

Winter Examination - 2022

Subject Name: Programming with Java - I

Subject Code: 4CS03BJV1

Branch: BCA

Semester: 3

Date: 22/11/2022

Time: 11:00 To 02:00

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 MCQ questions: (14)

- 1) Who is known as the father of Java?
A) James Gosling B) Dennis Ritche
C) Rich Miner D) Nick Sears
- 2) In JRE, R stands for _____.
A) Resource B) React
C) Runtime D) None of these
- 3) What is the extension of java source code file?
A) .class B) .java
C) .jsource D) .bin
- 4) Which of the following is not a java edition?
A) J2EE B) J2ME
C) J2SE D) J2ES
- 5) Which keyword is used to inherit an interface?
A) implements B) derive
C) extends D) super
- 6) Which of the following method of Applet class is called only once during its life cycle?
A) start() B) paint()
C) stop() D) destroy()
- 7) Which class contains all the methods of a thread life cycle?
A) Object B) MainThread
C) Thread D) ThreadClass
- 8) In AWT, A stands for _____.
A) Absolute B) Abstract
C) Application D) Applet
- 9) Which package contains major stream classes?
A) java.lang B) java.awt



- Q-6 Attempt all questions**
- a) Explain if...else and for loop statement with example. **05**
 - b) What is array? Explain one dimensional array. **05**
 - c) Explain break and continue statements. **04**
- Q-7 Attempt all questions**
- a) Define exception. Explain try catch block in detail. **05**
 - b) Discuss event delegation model. **05**
 - c) Explain Button control in short. **04**
- Q-8 Attempt all questions**
- a) Write a program to print following series on screen. **07**
1 2 4 7 11 16 22 29 37 46
 - b) Write a program to print sum and average of a single dimensional array **07**
of size 10.

