



A Charutar Vidya Mandal's Institution
V.P. & R.P.T.P. SCIENCE COLLEGE
(AUTONOMOUS) (Grant-in-Aid)
Affiliated to Sardar Patel University
VALLABH VIDYANAGAR-388120



Bachelor of Computer Applications (Semester- 4) External Examination – 2026
US04MABCA01: Object Oriented Programming-I

Date: 24-03-2026, (Tuesday)

Time: 01:45 AM to 04:15 PM (2.5 hrs)

Total marks: 50

Q-1 Write the most appropriate answer from the following multiple-choice questions.

[10]

- (1) Which statement is use to terminate loop early?
(a) terminate (b) continue
(c) skip (d) break
- (2) Which of the following is not assignment operator?
(a) += (b) ==
(c) %= (d) =
- (3) What keyword is used in Java to define a constant?
(a) static (b) final
(c) abstract (d) private
- (4) _____ inheritance is not supported by JAVA.
(a) Multiple (b) Multi level
(c) Hierarchical (d) Hybrid
- (5) _____ methods must be override in the subclass.
(a) public (b) final
(c) abstract (d) static
- (6) _____ defines only abstract methods and final fields.
(a) Interface (b) Final class
(c) Abstract class (d) Class
- (7) Character streams can be used to read and write _____ Unicode characters.
(a) 4 - bit (b) 16 - bit
(c) 2 - bit (d) 8 - bit
- (8) Which package is used for creating and implementing applets.
(a) java.lang (b) java.util
(c) java.applet (d) java.awt
- (9) Which of these packages contain all the collection classes?
(a) java.lang (b) java.util
(c) java.net (d) java.awt
- (10) Which of these statements are true about ArrayList class.
(a) It can contain duplicate elements (b) It is non synchronized
(c) It allows random access (d) All of the above



Q-2 Explain the structure of Java program.

[10]

OR

Q-2 List out the looping statements available in Java. Explain with example.

[10]

Q-3 What is a constructor? What are its special properties?

[10]

OR

Q-3 Define inheritance. Describe different forms of inheritance.

[10]

Q-4 Describe the try and catch statements in detail.

[10]

OR

Q-4 List out any five methods of String class by giving an example.

[10]

Q-5 Explain types of JDBC Driver in detail.

[10]

OR

Q-5 What is Java Database Connectivity? Explain component of JDBC

[10]

===XXX===

