



D-003-003601

Seat No. _____

B. C. A. (CBCS) (Sem. VI) (OLD) Examination

April / May – 2015

CS-31 : Mobile Programming Using Java ME

Faculty Code : 003

Subject Code : 003601

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

1 Give the Answers of the following MCQ in **20**
Answer Sheet Only :

1 NFC stands for.....

- (A) Newest Field Commerce
- (B) Near Field Communication
- (C) Near Fast Communication
- (D) Near Far Communication

2 Which of the following is not a method for user interaction ?

- (A) Key
- (B) Mouse
- (C) Game_Actions
- (D) None of these

3 CDPD is also known as -

- (A) IP
- (B) IP Digital
- (C) IP Wireless
- (D) IP LAN

- 4 Google acquired which os ?
- (A) Android (B) Black Berry
(C) iPhone (D) Brew
- 5 Hand-off is a process of.....
- (A) Changing Device
(B) Changing Service
(C) Changing Channel
(D) None of these
- 6 Which platform is application developers easily port their application among all Qualcomm devices ?
- (A) Android (B) Brew
(C) iPhone (D) Black Berry
- 7 Which of the following is not a type of Command?
- (A) Screen (B) Exit
(C) Back (D) Start
- 8 Which of the following is used to sort records?
- (A) Recordcomparator (B) Recordfilter
(C) Recordsearching (D) Recordsorting

- 9 Write method of Output Stream class has _____ different signatures.
- (A) 1 (B) 2
(C) 3 (D) 4
- 10 Realize() method moves player to.....
- (A) Realized State (B) Unrealized State
(C) Start State (D) Stop State
- 11 Cellular telephones started in the 1970s with the expansion of which company into the mobile telephone service market.
- (A) AT & T (B) IBM
(C) IDEA (D) TCS
- 12 Which type of communication is possible into the analog networks ?
- (A) Simple (B) Half-Duplex
(C) Full-Duplex (D) None of these
- 13 Which one is not Set-top box.....
- (A) Broadcast TV (B) Enhanced TV
(C) Published TV (D) Advanced Services

14 Which of the following is not a method of Record Enumeration ?

- (A) Addrecord
- (B) Record
- (C) Closerecordstore
- (D) Getname

15 KVM is mainly developed for.....

- (A) Mobile Device
- (B) CDC Mobile Devices
- (C) CLDC Mobile Devices
- (D) None

16 Which of the following is not a method of Form ?

- (A) Insert
- (B) Append
- (C) Delete
- (D) Setcurrent

17 Http Connection class is used to create a _____ connection.

- (A) SMTP
- (B) HTTP
- (C) Socket
- (D) Datagram

18 Matches() method returns a _____ value.

- (A) INT
- (B) Float
- (C) Boolean
- (D) None of These

19 What is GPS ?

- (A) Mobile Service Supplier
- (B) A Mobile Tracking Approach
- (C) A Name Satellite
- (D) A Type of Mobile Device

20 MMAPI stands for _____

- (A) Multimedia API
- (B) Mobile Multimedia API
- (C) Mobile Media API
- (D) Mobile Micro API

2 (a) Attempt any **three** out of six :

6

- (1) Explain Set Top and Smart card.
- (2) Explain Text Field and Alert Class.
- (3) Explain Record Listener.
- (4) Explain M-Commerce.
- (5) Explain InputStream.
- (6) Explain VideoControl.

(b) Attempt any **three** out of six : **9**

- (1) Explain Record Storage.
- (2) Explain Low-Level Display.
- (3) Explain Java ME Architecture.
- (4) Explain ImageItem and StringItem.
- (5) Explain GPS and GPRS in detail.
- (6) Explain File Protocol.

(c) Attempt any **Two** out of Five : **10**

- (1) Write a program MIDlet to create new record named EMP, write and read multiple types of data for record store Named as EMP.
- (2) Write a note on clipping region.
- (3) Write a note on Canvas with Example.
- (4) Write a note Digital Wireless transmission.
- (5) Describe Gauge with Example.

3 (a) Attempt any **Three** out of Six : **6**

- (1) Explain Types of Mobile Computing Devices.
- (2) Explain User interface ChoiceGroup and Ticker.
- (3) Explain Animation with example.
- (4) Explain HttpURLConnection with example.
- (5) Explain Textbox Class with example.
- (6) Explain cellular digital packet data.

(b) Attempt any **Three** out of Six : **9**

- (1) Explain Palm, Android, Linux Mobile OS.
- (2) Explain Bluetooth API.
- (3) Explain Display Class.
- (4) Explain Form Class.
- (5) Explain Player and Application of Capture Image.
- (6) Write a note on Searching Record.

(c) Attempt any **Two** out of Five : **10**

- (1) Explain Keycodes with example.
- (2) Write a program to sort mixdata of record store.
- (3) Write a program to read a JSP page from mobile.
- (4) Write a program to set Date and Time for a meeting using of DateField.
- (5) Write a program of MIDlet to display following graphics output when user presses a button.


