Seat No. _____

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

March / April - 2020

CS - 31 : Mobile Programming using Java ME

Faculty Code : 003
Subject Code : 003601

Time : $2\frac{1}{2}$ Hours]   [Total Marks : **70**

1   Attempt following MCQ Question :   **20**

(1)   Full form of PSTN.

(2)   A Gauge can be either interactive or non-interactive. (true / false)

(3)   WMA is used to send SMS. (true / false)

(4)   setCurrent is not a method RMS. (true / false)

(5)   RE Stands for RecordEnumeration? (true / false)

(6)   RecordComparator is used to sort records? (true / false)

(7)   File protocol is used to access files from the local resources only. (true / false)

(8)   Full form of J2EE.

(9)   Full form of J2ME.

(10) KVM mainly developed for .....

(11) Full form of MIDP

(12) Full form of CLDC.

(13) RMS Use for .....

(14) Read method of inputStream() return _____

(15) JABWT stand for _____

(16) Full form of API _____

(17) matches() method returns _____ values.

(18) GCF stands for _____

(19) MMAPI stands for _____

(20) Write name of mobile os.

2 (A) Attempt the following : (Any **Three**)   **6**

    (1) Write note on low level display.

    (2) Define CDC.

    (3) What is Java ME SDK?

    (4) What is WMA?

    (5) List out the Low Level UI classes.

    (6) Define JAD and JAR files.

  (B) Attempt the following : (Any **Three**)   **9**

    (1) Define the term PDA.

    (2) List the types of profiles.

    (3) Explain KVM.

    (4) Explain the append() method of Form class.

    (5) Give the difference between TextField and TextBox.

    (6) Explain Alert Class.

  (C) Attempt the following : (Any **Two**)   **10**

    (1) Explain KeyCode with example.

    (2) Explain List Class with an example.

    (3) Explain Manager and VideoControl.

    (4) Define the access mechanism for records in a recordstore.

    (5) Explain High Level User Interface in Java ME. Draw High-Level UI Hierarchy.

3 (A) Attempt the following : (Any **Three**)   **6**

    (1) Types of images.

    (2) Define Java ME.

    (3) What are small computing devices?

    (4) Define : Midlet and Midlet Suite.

    (5) What is a Mobile O.S.?

    (6) How Bluetooth is implemented using Java ME?

(B) Attempt the following : (Any **Three**)   9
    (1)   Searching technique in RMS.
    (2)   List the Mobile Generations and their features.
    (3)   Explain the scope of a recordstore.
    (4)   Give reasons for reducing the Java language and JATM in Java ME.
    (5)   Define the Preverification Process.
    (6)   Differentiate List vs. Choicegroup.

(C) Attempt the following : (Any **Two**)   10
    (1)   Write a midlet to parse a web page.
    (2)   Explain MIDlet IO.
    (3)   Explain the term "clipping region" using the methods.
    (4)   Draw GCF.
    (5)   Explain the features of low-level UI.

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