



MAL-003-003601 Seat No. _____

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

March / April - 2018

CS - 31 : Mobile Programming Using JAVA ME

(Old Course)

Faculty Code : 003

Subject Code : 003601

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

[Total Marks : 70

- 1 Attempt following questions : 20
- (1) PDA stands for _____.
 - (2) CDC stands for _____.
 - (3) MIDP stands for _____.
 - (4) _____ class used to contain different items.
 - (5) _____ class used to create screen container.
 - (6) Display of screen is return by the _____ class.
 - (7) _____ class used to display string.
 - (8) Low level display refers to _____.
 - (9) _____ is used to create checkboxes and radio buttons.
 - (10) _____ is not a database and hence it does not support SQL.
 - (11) RMS stands for _____.
 - (12) ImageItem always refers to an object of an _____ class.
 - (13) _____ method used retrieve current value of gauge.
 - (14) _____ method used to retrieve current date value.
 - (15) GCF stands for _____.
 - (16) We can read and write to a file using _____ protocol.
 - (17) We can access any webpage stored at web server using _____.
 - (18) _____ class is very important for doing mobile connectivity with file or webpage.
 - (19) JVM stands for _____.
 - (20) _____ interface is used to listen changes made to the item.

- 2 (a) Attempt following questions : (any **three**) **6**
- (1) What is CLDC ?
 - (2) What is repaint() method ?
 - (3) Explain destroy() method.
 - (4) What is WTK ?
 - (5) Explain setColor() method.
 - (6) Explain fillArc() method.
- (b) Attempt following questions : (any **three**) **9**
- (1) Explain delete() method of TextField Class.
 - (2) Explain getConstraints() method of TextField Class.
 - (3) Explain getSelectedFlags() method of ChoiceGroup Class.
 - (4) Explain getSelectedIndex() method of ChoiceGroup Class.
 - (5) Explain getInputMode() method of DateField Class.
 - (6) Explain setText() method of StringItem.
- (c) Attempt following questions : (any **two**) **10**
- (1) Explain CDPD.
 - (2) Explain J2ME configuration.
 - (3) Explain smart cards in detail.
 - (4) Write a note on PDAs.
 - (5) Explain datafield class.
- 3 (a) Attempt following questions : (any **three**) **6**
- (1) Explain keyPressed method.
 - (2) Explain keyRepeated method.
 - (3) Explain getNumRecord method.
 - (4) Explain nextRecord method.
 - (5) Explain nextRecordId method.
 - (6) Explain fillRect method.

- (b) Attempt following questions : (any **three**) **9**
- (1) Explain Gauge class in detail.
 - (2) Explain ImageItem class in detail.
 - (3) Explain StringItem class in detail.
 - (4) Explain Canvas class in detail.
 - (5) Explain Graphics class in detail.
 - (6) Explain Form class in detail.
- (c) Attempt following questions : (any **two**) **10**
- (1) Explain CDC.
 - (2) Differentiate: Digital and Analog. Network.
 - (3) Write a note on working with key codes.
 - (4) Write a note on life cycle of MIDlet.
 - (5) Explain clipping region and animation.
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