

GUJARAT TECHNOLOGICAL UNIVERSITY**M. E. - SEMESTER – II • EXAMINATION – SUMMER • 2014****Subject code: 2725301****Date: 16-06-2014****Subject Name: Wireless Programming and Application Development****Time: 02:30 pm - 05:00 pm****Total Marks: 70****Instructions:**

- 1. Attempt all questions.**
- 2. Make suitable assumptions wherever necessary.**
- 3. Figures to the right indicate full marks.**

- Q.1** (a) Which class would you use to write applications to access low-level input events or to issue graphics calls for drawing to the display? **07**
(b) What is KVM? **07**
- Q.2** (a) What are the minimum requirements for the CLDC? **07**
(b) Compare and contrast WAP with http and state some of the salient features of the WAP, WML and WMLScript? **07**
- OR**
- (b) Describe in detail the working of Canvas and its creation write a sample program to illustrate the use of Canvas. **07**
- Q.3** (a) How data is stored in the local data storage (RMS)? **07**
(b) What is the difference between .notifyDestroyed() and destroyApp(boolean)? **07**
- OR**
- Q.3** (a) What is a CustomItem? When would you use it? **07**
(b) What is the use of having a jad file when manifest (mf) and jad contain the same entry? **07**
- Q.4** (a) Explain the CLDC Connection Framework **07**
(b) Difference between servicerepaint() and repaint() **07**
- OR**
- Q.4** (a) Explain the MIDP event architecture with proper diagram. **07**
(b) Explain MIDP development life cycle. **07**
- Q.5** (a) Discuss the CLDC Streams Model. **07**
(b) What are configurations and profile? **07**
- OR**
- Q.5** (a) How does the emulator emulate the touch screen environment? Explain the methods that need to be overridden to let the application emulate the touch screen feature. **07**
(b) Write a code snippet to check if number entered is even or odd without using modulus operator. **07**
