Seat N	Io.: Enrolment No	
	GUJARAT TECHNOLOGICAL UNIVERSITY M. E SEMESTER – I • EXAMINATION – SUMMER • 2013	
Subje	ect code: 715305 Date: 13-06-201 ect Name: Symbain OS Communications Programming e: 10.30 am – 01.00 pm Total Marks: 7	
	ructions:	O
1. 2.	Attempt question 1 which is compulsory and answer any four from the rest questions wherever necessary. Figures to the right hand indicate the marks.	ons.
	. 1 Write a program to alert the user whenever he enters a string longer than 40 charatext field, 20 characters in next text field and 20 characters in the third text field. Write a simple J2ME program to reverse a 10 digit number on the screen of the p for the same comes from the user.	[7 Marks]
		[7 Marks]
	. 3 What do you mean by a vector? Discuss its uses and how it supports in Symbian. What do you mean by virtual machine? Which virtual machine is supported on Symbian its importance.	
Q. No. a. b.	. 4 What is ActionListener? What is the purpose of the interface ActionListener? What is NThread class? Explain the purpose of the NThread class.	[7 Marks] [7 Marks]
Q. No. a. b.	. 5 What is Symbian? Name any two features of Symbian design and explain them. Write a program to print the sum and product of first twenty numbers on screen in	[7 Marks] n J2ME. [7 Marks]
	. 6 Create a simple quiz program for mobile of five screens then let the users see their end of the quiz program. How is the security of the midlet that is being installed in phone maintained?	r scores at the [7 Marks] [7 Marks]
	. 7 Draw a diagram and explain the various states of the transitions for the Midlet. What is the Symbian kernel? Write its role in the Symbian operating systems.	[7 Marks] [7 Marks]

Q. No. 8

- a. What are the various classes of MIDP? Draw a class diagram to illustrate the various classes. [7 Marks]
- b. Create a simple registration form for users of the library to reserve their books once they complete the registration they should get an alert about the status of their enquiry. [7 Marks]
