22617

70	Marks Seat No.
(1)	All Questions are Compulsory.
(2)	Answer each next main Question on a new page.
(3)	Illustrate your answers with neat sketches wherever necessary.
(4)	Figures to the right indicate full marks.
(5)	Assume suitable data, if necessary.
(6)	Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall. Marks
	 (1) (2) (3) (4) (5)

1. Attempt any <u>FIVE</u> of the following:

- a) State android ECO system.
- b) List various tools for android application development.
- c) List various layouts used in android UI design.
- d) Name any four attributes of Edit Text control.
- e) State the use of fragments in android App development.
- f) Define SMS service in android application development.
- g) List different types of sensors used in android.

10

Marks

6. Attempt any <u>TWO</u> of the following:

- a) Design an android application to show the list of paired devices by Bluetooth.
- b) Develop an android application for sending Short Message Service (SMS).
- c) Explain how linear and frame layout is used to design an android application with suitable example.

12