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April 2018

Time – Three hours
(Maximum Marks: 75)

[N.B: (1) Q.No. 8 in PART – A and Q.No. 16 in PART – B are compulsory.
Answer any FOUR questions from the remaining in each PART – A
and PART – B

(2) Answer division (a) or division (b) of each question in PART – C.

(3) Each question carries 2 marks in PART – A, 3 marks in Part – B and
10 marks in PART – C.]

PART – A

1. Define mobile.

2. What is mobile communication?

3. Define GSM.

4. List out the limitations of GPRS.

5. List out the features of android.

6. Define ADT.

7. Define SMS.

8. What is location based services?

PART – B

9. Write the features of Wi-Max.

10. List out the types of network in mobile computing.

11. List out the GPRS applications.

12. Write the features of 3G data service.

13. What is android virtual device?

14. What is image switcher?

15. What is internal and external storage?

16. What is SQLite?

[Turn over.....

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PART – C

17. (a) Explain the architecture of mobile computing.

   (Or)

   (b) Explain about the WLAN technologies and Bluetooth radio antennas.

18. (a) Explain GPRS architecture with neat diagram.

   (Or)

   (b) Explain SMS architecture with diagram.

19. (a) Explain briefly about android architecture with neat diagram.

   (Or)

   (b) Explain about (i)Android development tool and (ii)Installing and configuring android.

20. (a) Explain about the text view, button, image button, edit text, check box, toggle button, radio button and radio group view with neat diagram.

   (Or)

   (b) Explain about time picker view and data picker view with neat diagram.

21. (a) Explain about zoom control and navigating to specific location with neat diagram.

   (Or)

   (b) Explain about web service using HTTP with neat diagram.

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