

**October 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 wi-fi and bluetooth.
2. Define wireless LAN.
3. What is VAS?
4. What is SQLite?
5. What is android runtime?
6. What is edit text?
7. How to make a phone call connection?
8. List GSM entities.

PART - B

9. What is data (Tier-3)?
10. Write the application of WLAN.
11. Write the features of 4G data service.
12. List out the limitation of GPRS.
13. What is user interface?
14. What is the list view and image view?
15. What is geo coding and reverse geo coding?
16. What is accessing web service?

[Turn over.....

PART - C

17. (a) Explain about the architecture of mobile computing with a neat diagram.

(Or)

- (b) Explain about the types of wireless communication technologies used in mobiles.

18. (a) Explain about the architecture of GSM with a neat diagram.

(Or)

- (b) Explain about the architecture of SMS with a neat diagram.

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

(Or)

- (b) Explain about the android development tool and android virtual device.

20. (a) Explain about time picker view, data picker view and list view with neat diagrams.

(Or)

- (b) Explain about text view, image button, edit text, check box, auto complete text view and progress bar view with neat diagrams.

21. (a) Explain about web services and accessing web service using HTTP.

(Or)

- (b) Explain about internal and external storage with a neat diagram.

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