

**April 2019**

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 cell splitting.
2. What are wireless devices?
3. List out the features of 3G data service.
4. What are intents?
5. Define AVD.
6. What is meant by auto complete Text view?
7. Define SMS.
8. What are ad-hoc networks?

**PART – B**

9. Give any three applications of WLAN.
10. Write the features of Wi-Fi.
11. Draw flowchart for Android fragment life cycle.
12. List the GSM entities.
13. What are the limitations of GPRS applications?
14. Describe about image switcher.
15. Write a note on OFDM.
16. How to store data in internal storage? Give one example.

[Turn over.....



PART – C

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

(Or)

- (b) Explain about the mobile computing through telephony.

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

(Or)

- (b) Explain the various mobile operating systems and their features.

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

(Or)

- (b) (i) Explain displaying notification.  
(ii) Explain listening for UI notification.

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

(Or)

- (b) Briefly explain how to send and receive SMS using Android studio.

21. (a) Explain about Geo coding and reverse Geo coding in detail.

(Or)

- (b) Explain about zoom control and navigation to specific location with neat diagram.

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