

852

Register No.:

November 2022

*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. Define geo coding.

[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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