Register No.: ☐

741

April 2023

N.B. 1. Answer all questions under Part-A. Each question carries 3 marks.

2. Answer all the questions either (A) or (B) in Part-B. Each question carries 14 marks.

PART – A

1. What are the different types of networks?

2. What do you mean by wireless LAN?

3. List out handset manufacturer and their mobile operating system.

4. List the features of TvOS.

5. What is an activity?

6. Write short notes on Dalvik Virtual Machine.

7. What is an image button?

8. Write about analogue and digital views.

9. Define content provider.

10. Define Web Service.

PART – B

11. (a) Explain Wi-Max and Wi-Fi with their advantages and disadvantages.

    (Or)

    (b) Explain the evolution of mobile computing.

12. (a) List out the features of mobile operating system based on Linux kernel.

    (Or)

    (b) Explain the Smart TV operating system versions and their features.

13. (a) Explain various types of layouts supported by android with simple example.

    (Or)

    (b) Explain Android development Environment and Android IDE.

14. (a) Write a program to implement simple calculator using text view, edit view, option button and button.

    (Or)

    (b) Write a program to display current date and time using Date and time picker.

15. (a) Explain storing and retrieving data in external storage memory.

    (Or)

    (b) Write android code to download text content from internet.