

SYCS AAD 4/4/24

Seat No. _____

DU

DURATION: - 2½ hrs

84504424

MARKS:- 75

Note: - (1) All questions are compulsory.

(2) Figures to the right indicate full marks

(3) Answer to each question must be on a new page

- Q.1) Answer the following questions (Any 4) 20M
- a) Explain the data types of Kotlin C01-U
 - b) Write a short note on Kotlin operators C01-U
 - c) Explain the concept of exception handling C01-U
 - d) Write the steps to create android virtual device C02-A
 - e) Explain the concept of services C02-U
 - f) Write the steps to create & run first android application C02-A
- Q.2) Answer the following questions (Any 4) 20M
- a) Explain the types of layouts in android C02-U
 - b) List and explain ten UI controls available in android C03-U
 - c) Write a short note on ImageView C03-U
 - d) List and explain methods involved in android adaptor C03-U
 - e) Write a short note on screen orientation C03-U
 - f) Write a short note on SQLite database C04-U
- Q.3) Answer the following questions (Any 4) 20M
- a) Write a short note on drawable C05-U
 - b) List and explain XML attributes used for animation C05-U
 - c) Discuss on Transform gestures C05-U
 - d) Write a short note on camera class C05-U
 - e) Explain signing application in Google app C05-U
 - f) Explain sending broadcast in detail C05-U
- Q.4) Answer the following questions (Any 3) 15M
- a) Describe 'For' loop with example C01-U
 - b) Write a short note on activity life cycle C01-U
 - c) Explain the term themes V/S styles C03-U
 - d) Write a short note on event handler C02-U
 - e) Write a short note on threads C04-U
 - f) Explain the services in android C05-U
