

[This question paper contains 2 printed pages.]

Your Roll No.....

Sr. No. of Question Paper : 4675

J

Unique Paper Code : 2514002006

Name of the Paper : Mobile Application Development (GE)

Name of the Course : **B.Sc. (H) Electronics**

Semester : IV

Duration : 1 Hour

Maximum Marks : 30

Instructions for Candidates

1. Write your Roll No. on the top immediately on receipt of this question paper.
2. There are **FOUR** questions in all, out of which you have to attempt any **THREE** Questions. Question no 1 is compulsory.
3. **All** questions carry equal marks.

1. (a) What is mobile application programming? (4)
(b) What do you mean by Hot Reload and Hot Restart in Flutter? (3)
(c) Explain the steps to publish an iOS app on Apple store. (3)
2. (a) Draw and explain detail architecture of Flutter Application? (5)
(b) What do you mean by an Inheritance and Polymorphism? Support your answer with a suitable example? (5)

P.T.O.

3. (a) Explain the following terms and give their syntax (4)
- (i) runApp() and main()
 - (ii) Alerts and Panels
- (b) Draw a comparison between Flutter and Android framework used for Mobile Application Development? (6)
4. (a) What are different build modes used in flutter. (4)
- (b) What is the role of Container class in a flutter? Give a suitable example. (3)
- (c) Explain widgets in flutter and mention its importance in app making. (3)