Student Enrollment No**: _____**

GANPAT UNIVERSITY
U. V. PATEL COLLEGE OF ENGINEERING
B. TECH. SEMESTER – V (CE/IT/CE-AI/CE-IOT)
FIRST INTERNAL EXAMINATION, SEP-2022
2CEIT5PE5: MOBILE APPLICATION DEVELOPMENT

Time: 1 Hour]   **[Total Marks: 20**

Instructions:
1. Figures to the right indicate full marks.
2. Be precise and to the point in your answer.
3. Assume the suitable data wherever necessary.

Q. 1 Write Student class and Person class in kotlin according to below instructions. **[5]**
     i. Member variables of person class can be first name, last name, address, phone number etc. and member variables of student class can be branch, class name etc.
     ii. Student class should have to inherit from Person Class such that student class can access all member variables of person class.
     iii. Both classes should have primary constructor and secondary constructor.

Q. 2 Write onCreate() Method of two different Android Activities named as "LoginActivity", "DashboardActivity". Pass Username, Password Data from onCreate() of LoginActivity to DashboardActivity and fetch same Username, password data in onCreate() of DashboardActivity. (**Note:** Only write down kotlin code) **[5]**

Q. 3 Draw all layers of Android Platform Architecture. What is importance of Android runtime layer in Android OS? **[5]**

Q. 4 Draw Flow chart of Activity Life Cycle and describe all functions of Activity Life Cycle. **[5]**

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