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GOPAL GOVIND POY RAITURCAR COLLEGE OF COMMERCE AND ECONOMICS, FARMAGUDI, PONDA-GOA

B.C.A. CBCS (SEMESTER-V) REGULAR EXAMINATION, NOVEMBER 2023

MOBILE APPLICATION DEVELOPMENT

Duration: 2 hours **Total Marks: 60**

Instructions*: i) All questions are compulsory.*
ii) Figures to the right indicate full marks.

Q.1.A. Fill in the blanks and rewrite the statement. **(5x1=05)**

i. They handle communication between Android OS and application_____.
ii. Special type of view that provides the layout for other views_____.
iii. By default the progress bar maximum value is _____.
iv. Attribute to resize the image_____.
v. Query list that returns a list of the internal images on the device_____.

B. Answer the following. **(5x1=05)**

i. What is Brainstorming?
ii. What is Pending Intent?
iii. How does a Date picker work?
iv. What is ImageSwitcher?
v. What is Projection in Android?

Q.2. A. Explain any two basic Views in android? **(02)**
B. With diagram, Explain Mobile ecosystem? **(03)**
C. Explain Geo coding and Reverse coding for getting location data? **(05)**

Q.3. A. Which are the steps for Creating Your Own Content Providers? **(02)**
B. Which are the two techniques used to handle changes in screen orientation? **(03)**
C. Draw and Explain Android Architecture? **(05)**

Q.4. A. Explain the Shared Preferences object that enables you to store data? **(02)**
B. How do we display dialogue Window? **(03)**
C. With diagram draw and Explain SQLite open helper class? **(05)**

Q.5. A. Distinguish between caveats and warnings? **(02)**
B. Explain how do we use Grid View in Android? **(03)**
C. Explain Activity lifecycle with diagram? **(05)**

Q.6. A. Explain Sharing of data in Android with diagram? **(02)**
B. Explain the specialized fragments? **(03)**
C. How to specify the size of an element in Android? **(05)**

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