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SEAT No. :

PF-5658

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[6651]-35
M.C.A.
MANAGEMENT
MAD611MJ : Mobile Application Development
(2024 Pattern) (Semester - III)

Time : 2½ Hours] *[Max. Marks : 50*

Instructions to the candidates:

1) *All questions are compulsory.*
2) *Figures to the right indicate full marks.*
3) *Draw Diagram and write web.xml wherever necessary.*

Q1) a) What is a fragment? Explain fragment life cycle in detail. **[10]**

OR

b) With suitable attributes and methods explain RatingBar. **[5]**

c) Explain constraint layout in detail. **[5]**

Q2) a) What are intents? Explain explicit intent with example. Write activity classes and web.xml also. **[10]**

OR

b) What is an adapter? Explain Adapter with List View. Write activity class and web.xml. **[10]**

Q3) a) Design GUI to accept the feedback from student for 'Android Workshop'. Insert the accepted feedback in 'feedback' table using SQlite. **[10]**

OR

b) Design a mobile application that uses Firebase authentication to login and then retrieves user's profile data from firebase realtime database. **[10]**

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Q4) a) Explain any 5 components of react-native with appropriate syntax. **[10]**

OR

b) What is JSX? How to use props in react native components? **[5]**

c) Demonstrate screen navigation in react native. **[5]**

Q5) a) What are widgets in flutter? Explain stateful and stateless widgets. **[10]**

OR

b) Create an app using flutter that displays a grid of images using Gridview. When an image is tapped display it in full screen. **[10]**



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