Sr.	Unit No.	Question	BL	CO
1	1	List and explain the data types available in dart.	R	CO-1
2	1	Explain nullable and non-nullable types in dart.	U	CO-1
3	1	Explain various types of Operator in Dart	U	CO-1
4	1	Explain if statement, conditional expression (??) in dart.	U	CO-1
5	1	Explain switch statement in dart.	U	CO-1
6	1	Explain for, while, do while loop in dart.	U	CO-1
7	1	Explain in brief anonymous function in dart.	U	CO-1
8	1	Explain named and optional parameters with an example.	U	CO-1
9	1	Explain Flutter Architecture in detail	U	CO-1
10	1	Explain pubspec.yaml file.	U	CO-1
11	1	Explain public and private access modifier in dart.	U	CO-1
12	1	Write the advantages of using Flutter.	R	CO-1
13	2	Explain Scaffold widget with its attributes and example.	U	CO-2
14	2	What are keys? Explain unique key and global key with an example.	U	CO-2
15	2	Explain Row widget with important attributes and examples.	U	CO-2
16	2	Explain Column widget with important attributes and examples.	U	CO-2
17	2	Explain Stack widget with important attributes and examples.	U	CO-2
18	2	Explain Container class with attributes in flutter with an example.	U	CO-2
19	2	Explain the use of mainAxisAlignment and crossAxisAlignment.	U	CO-2
20	2	Explain setState() {} in flutter with an example.	U	CO-2
21	2	Show navigation between pages with an example.	R	CO-2
22	2	Explain pushing and popping routes with an example.	U	CO-2
23	2	Explain Stateful widget with example.	U	CO-2
24	2	Explain Stateless widget with example.	U	CO-2
25	2	Compare between Stateless & Statefull widget	R	CO-2
26	2	Explain Text widget with example	U	CO-2
27	2	Explain TextFormField widget with example	U	CO-2
28	3	Explain the use of Shared Preferences.	U	CO-3
29	3	What is shared preference? Write a sample code to store user details.	R	CO-3
30	3	Explain SQLite Database and why it is required.	U	CO-3
31	3	Explain Future Builder with example.	U	CO-3
32	3	Explain how to limit number of future builder response using variable.	U	CO-3
33	3	Explain the terms async and await with example.	U	CO-3
34	3	Explain different storages in flutter with example.	U	CO-3
35	3	Explain insert operation in sqlite database with example.	U	CO-3
36	3	Explain update operation in sqlite database with example.	U	CO-3
37	3	Explain delete operation in sqlite database with example.	U	CO-3
38	3	Explain how to read all records from table in sqlite database with example.	U	CO-3
39	3	Write steps to connect database with flutter application.	A	CO-3
40	3	Explain Alert Dialog with example.	U	CO-3
41	3	Explain future with example.	U	CO-3
42	3	Explain the usage of hasError and hasData in detail with the help of a code.	U	CO-3
43	3	Write a program to insert Employee details (eid, ename, eaddress, edesignation) in SQLite database.	A	CO-3

44	3	Write a program to list product information (pid, pname, pcategory, pprice) from SQLite database.	A	CO-3
45	4	What is json? Explain in detail.	R	CO-4
46	4	What is parsing? Discuss how can you perform parsing using JSON in flutter application.	R	CO-4
47	4	Explain Rest-Api with example.	R	CO-4
48	4	Explain Restfull-Api with example.	U	CO-4
49	4	Explain Restless-Api with example.	U	CO-4
50	4	Write the difference between restfull & restless api	A	CO-4
51	4	Explain different notation used in Json for parsing.	U	CO-4
52	4	Explain in detail how to connect flutter application to web server using Api.	U	CO-4
53	4	Define 1) Base URL 2) End Points 3) Query Parameter 4) Field Paramters	U	CO-4
54	4	Explain http package with example.	U	CO-4
55	4	Explain different methods of Restfull Apis (GET, POST, PUT, DELETE).	U	CO-4
56	4	Write a program to display data ((eid, ename, eaddress, edesignation)) from web server using Api.	A	CO-4
57	4	Write a program to insert & update data ((eid, ename, eaddress, edesignation)) to web server using Api.	A	CO-4
58	5	Explain run window with its usage.	U	CO-5
59	5	Write steps to connect physical device to personal computer for debug.	U	CO-5
60	5	What is App Inspector? Explain its usage.	R	CO-5
61	5	What is keystore? Explain its importance.	R	CO-5
62	5	Explain how to generate keystore and signed apk.	U	CO-5
63	5	Explain permissions and how to declare it in Android & iOS.	U	CO-5
64	5	Explain Camera permission and usage in flutter with example.	U	CO-5
65	5	Write steps to release app in PlayStore.	A	CO-5
66	5	Write steps to release app in AppStore.	A	CO-5
67	5	Explain how to run flutter code in XCode.	U	CO-5