Here is your **MCQ format without answers**:

Application Development Using Flutter and Dart – A894

1. Using _____ class, it is possible to determine the maxHeight and maxWidth of the Widget.

* a) Route
* b) Navigator
* c) LayoutBuilder
* d) ChangeNotifier

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2. _____ widgets are those which allow only one widget as their child.

* a) SingleChildLayout
* b) CustomSingleChildLayout
* c) SingleMultipleLayout
* d) CustomMultipleChildLayout

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3. Which of the following is not an example of an asynchronous function?

* a) Google search
* b) Fetching data from a database
* c) Uploading files from a device
* d) Adding two numbers

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4. _____ is a type available in Flutter through which one can process the data.

* a) Context
* b) Snapshot
* c) Future
* d) ConnectionStates

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5. What are the SQLite-related data types of Dart `num` and `Uint8List`?

* a) BLOB and REAL
* b) REAL and BLOB
* c) INTEGER and REAL
* d) INTEGER and TEXT

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6. Which of the following is responsible for establishing connections between the Firebase project and Flutter app?

* a) firebase_coreauth
* b) firebase_core
* c) firebase_auth
* d) All of these

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7. Which of the following is the correct code to add both firebase_core and firebase_auth packages in pubspec.yaml?

* a) dependencies: flutter: sdk: flutter cupertino_icons: ^1.0.2 firebase_core: ^1.20.0
* b) dependencies: flutter: sdk: flutter cupertino_icons: ^1.0.2 firebase_core: ^1.20.0 firebase_auth: ^3.6.2
* c) dependencies: flutter: sdk: flutter cupertino_icons: ^1.0.2 firebase_authcore: ^1.20.0 and ^3.6.2
* d) None of these

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8. To maintain the authentication state in the application, Firebase offers _____ stream which will return a user if logged in or null if no user is logged in.

* a) firebaseAuth
* b) currentUser.reload()
* c) authStateChanges()
* d) currentUser

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9. Which of the following are the features of StreamBuilder?

* a) It will rebuild the UI whenever the data changes till the connection is active.
* b) It is for fetching data more than once. Like listening to a data change.
* c) The main keywords are Future, async

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10. Arrange the following steps to enable Firebase authentication in the correct sequence.
a) How this feature can be used in the Flutter app is displayed.
b) Go to the project in the Firebase console.
c) Under build, click "authentication".
d) Click the sign-in methods tab and enable the Email/Password sign-in method.

* a) b, c, a, and d
* b) a, b, c, and d
* c) a, c, b, and d
* d) b, c, d, and a

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11. Arrange the following steps involved in utilizing REST APIs with Flutter in the correct sequence.
a) Send an HTTP request and receive a response.
b) Adding dependency.
c) Get the API URLs and Endpoint.
d) Map the reply to a custom model class.

* a) b, c, a, and d
* b) a, b, c, and d
* c) a, c, b, and d
* d) b, c, d, and a

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12. Which of the following is the modal route that replaces the entire screen with platform-adaptive transition?

* a) Navigator.push()
* b) MaterialPageRoute
* c) Navigator.pop()
* d) None of these

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13. To create custom controllers, users can use the _____ class.

* a) Route
* b) Navigator
* c) MyHomePage
* d) ChangeNotifier

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14. The MaterialApp in main.dart has an argument called _____ where developers can specify the theme for the whole app.

* a) style
* b) custom
* c) theme
* d) default

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15. Which of the following can be styled using the TextStyle method?

* a) Container
* b) Text
* c) RaisedButton
* d) None of these