



Title: 200 MCQs with Answers on Flutter and Firebase

[Previous 140 questions remain unchanged]

SECTION 5: FIREBASE INTEGRATION (30 Questions)

Q141. Which plugin is commonly used to integrate Firebase with Flutter? A. firebase_plugin

B. flutter_firebase_core

C. firebase_core ✓

D. firebase_connector

Q142. What is required to initialize Firebase in a Flutter app? A. runApp()

B. Firebase.initializeApp() ✓

C. firebaseInit()

D. startFirebase()

Q143. Which file holds Firebase configuration in Android? A. google-service.json

B. google-services.json ✓

C. firebase.json

D. config.json

Q144. Which file holds Firebase configuration in iOS? A. ios-config.plist

B. firebase-config.plist

C. GoogleService-Info.plist ✓

D. FirebaseSettings.plist

Q145. What Firebase service is used for storing key-value data? A. Firestore

B. Firebase Auth

C. Realtime Database ✓

D. Cloud Functions

Q146. What is the Firebase SDK used for user authentication? A. firebase_auth ✓

B. firebase_login

C. auth_firebase

D. login_core

Q147. How do you listen to user auth state changes? A. Firebase.onChange()

B. auth.onChange

C. FirebaseAuth.instance.authStateChanges() ✓

D. FirebaseUser.onLogin()

- Q148.** How to sign out a user in Firebase? A. `signout()`
B. `FirebaseAuth.signOut()`
C. `FirebaseAuth.instance.signOut()` ✓
D. `logoutUser()`
- Q149.** Which Firebase service supports structured NoSQL documents? A. Firebase Storage
B. Cloud Firestore ✓
C. Firebase Realtime DB
D. Firebase Hosting
- Q150.** Which data type is supported in Firestore? A. Map
B. String
C. List
D. All of the above ✓
- Q151.** How do you reference a Firestore collection? A. `Firestore.getCollection()`
B. `Firebase.collection()`
C. `FirebaseFirestore.instance.collection()` ✓
D. `Firestore.collectionName()`
- Q152.** What function is used to add documents in Firestore? A. `setData()`
B. `insertDoc()`
C. `add()` ✓
D. `update()`
- Q153.** Firestore's stream of snapshots is accessed via: A. `snapshots` ✓
B. `getData()`
C. `observe()`
D. `streamData()`
- Q154.** What is the primary security feature of Firebase? A. Login Tokens
B. App Check
C. Firebase Rules ✓
D. SSL Encryption
- Q155.** Firebase Hosting is used for: A. Backend APIs
B. Hosting static web apps ✓
C. Storing media
D. Authentication
- Q156.** Firebase Cloud Messaging is for: A. Sending emails
B. Real-time updates
C. Push notifications ✓
D. Sync storage

Q157. What command is used to deploy Firebase Hosting? A. firebase upload
B. firebase deploy ✓
C. firebase run
D. firebase push

Q158. Firebase CLI is installed via: A. NPM ✓
B. Flutter pub
C. GitHub
D. Firebase Console

Q159. Firebase supports anonymous authentication. True or False? A. True ✓
B. False

Q160. Which of the following is NOT a Firebase feature? A. Cloud Firestore
B. Firebase ML
C. Cloud Functions
D. Docker Containers ✓

Q161. What does `set()` do in Firestore? A. Adds document
B. Replaces document ✓
C. Deletes document
D. Pushes document

Q162. What does the `merge: true` option do in Firestore `set()`? A. Deletes fields
B. Skips duplicates
C. Updates only specified fields ✓
D. Adds new fields only

Q163. Firebase Remote Config allows: A. Media storage
B. Analytics reports
C. Dynamic app behavior control ✓
D. User profiles

Q164. Firebase Firestore queries are: A. SQL-based
B. Key-value based
C. JSON-based
D. Chainable ✓

Q165. Firebase Cloud Functions are written in: A. Dart
B. Java
C. JavaScript ✓
D. Swift

Q166. What triggers a Cloud Function? A. Manual run
B. App start

C. Firebase events ✓

D. Widget load

Q167. What is the use of `await` in Firebase async calls? A. Forces sync

B. Skips line

C. Waits for promise ✓

D. Ends function

Q168. What happens if `Firebase.initializeApp()` is not called? A. App crashes ✓

B. Firebase features still work

C. App works offline only

D. Nothing

Q169. In `FirebaseAuth`, how do you get the current user? A. `FirebaseUser.current()`

B. `FirebaseAuth.instance.getUser()`

C. `FirebaseAuth.instance.currentUser` ✓

D. `user.get()`

Q170. Firebase Analytics helps with: A. Crash reporting

B. Performance testing

C. Tracking user behavior ✓

D. Sync updates
