

**A. Multiple Choice Questions**

**Ans.** 1. (a)      2. (b)      3. (a)

**B. Fill in the blanks**

**Ans.** 1. application      2. Coding      3. Hybrid  
4. communication      5. Web apps

**C. Answer the following**

**Ans.** 1. The advantages of a native app are :

- (i) High speed
- (ii) High reliability
- (iii) It runs on the operating system for which it is developed.

**Ans.** 2.

| <b>Hybrid apps</b>  | <b>Native apps</b>  |
|---|---|
| These apps are partly native apps and partly Web apps. They are partly stored on the local device and partly on a remote server.<br>Example: Candy Crush app. | These apps are developed to be used on a particular platform or device.<br>Examples: Apps built on systems like iOS, Android and Windows are native apps. |

**Ans.** 3. Some commonly known apps are :

- (i) Educational Apps – Photomath, Google Classroom, Quizlet, etc.
- (ii) Social Networking Apps – Facebook, Twitter, Instagram, etc.
- (iii) Entertainment Apps – Netflix, Sound Cloud, Hotstar, etc.
- (iv) Banking apps – iMobile, State Bank Anywhere, etc.
- (v) E-commerce apps – Amazon, Flipkart, OLX, etc.

**Ans.** 4. The steps to use Messenger app are:

Step-1: Tap Play Store icon. A new screen appears.

Step-2: Type the name of the app, you wish to download in the search bar. Then, tap search icon present on the virtual keyboard. A list of relevant search result appears.

Step-3: Select the option you like. A new screen appears.

- Step-4: Tap INSTALL button. The app starts downloading and installing.
- Step-5: Tap OPEN button. The homepage of the app appears. The app is now ready to use.
- Step-6: Log in if you have an account, otherwise create an account. Now the app is ready to use.

**Ans. 5.** The steps to build an app are:

To build an app using a website, for example [www.appypie.com](http://www.appypie.com) following the given steps:

- Step-1: Open any web browser on your computer and type [www.appypie.com](http://www.appypie.com) in the address bar. Press Enter key, the homepage of the website appears.
- Step-2: Look for the Create Your Free App button and click on it. A new screen appears.
- Step-3: Enter a name in the Enter App Name box and click Next button.
- Step-4: Write the purpose of your app in What's the Purpose of your App? textbox and click Next button. A new screen appears.
- Step-5: Click on Save & Continue button. A Sign up window appears.
- Step-6: Enter the username and password and click on Sign up button. A Congratulations window is displayed confirming your account creation.
- Step-7: You will receive a 6-digit verification code in your e-mail account. Enter the code and click on Verify button. Now, your app is verified and the Customise app design window appears.
- Step-8: Under the Design Customization tab, you see some predefined app elements in Customize App Elements section. For example, App icon. You can click on it to select an icon of your choice, similarly, select the App background and App Splash Screen of your choice under the Customize App Elements section.
- Step-9: Select the desired app layout from the Customize App Layout section.
- Step-10: Make the desired text formatting from Customize fonts and colors section.
- Step-11: Now, click Save & Continue button. A new screen appears.
- Step-12: Select the test your App button. A new screen appears.
- Step-13: Your app starts getting built. A message appears as shown. It takes few minutes for the app to get ready for download.
- Step-14: The app is available for Android as well as iOS. Download your application by clicking on the given link or by scanning the QR code.