Class 8
Chapter 8
App Development

A. Choose (✔) the correct Options.

1. Which of the following device uses apps?
   a. Mobile b. Tablet c. Desktop d. All of the these
   ✔ Answer: d. All of these

2. .apk format files are used by which of the following OS?
   a. Android b. iOS c. Windows d. Linux
   ✔ Answer: a. Android

3. You can download apps for android devices from -----------app store.
   ✔Answer: (b) Play Store

4. Which of the following OS supports ipa format files?
   ✔Answer: (c) iOS

5. _____ category of apps are platform independent.
   ✔Answer: (b) Web

B. Fill in the blanks

1. **Hybrid** apps are formed by combining the features of a native app and a web app.
2. Mobile apps are developed for **Hand-held** devices.
3. Call of Duty is an example of **Gaming** category of app.
4. **Calculator** is an example of native category of app.
5. For iOS you can download apps from **App Store**.

C. True / False

1. Desktop computer cannot use apps. – **F**
2. Android is a mobile operating system. – **T**
3. You need to install web apps to work on them. – **F**
4. Khan Academy is an example of e-commerce app. – **F**
5. Web apps can be used without an Internet connection. – **F**

D. Answer the following (Very Short Answer)

1. **What is an app? Write the names of different store for installing apps.**
   An app is a software program designed for mobile devices. **Play Store (Android), App Store (iOS), Microsoft Store (Windows).**

2. **Differentiate between native apps and web apps (with examples).**
   Native apps: Installed on device, work offline. **Examples – Calculator, Camera, WhatsApp.**
   Web apps: Run in browser, need Internet. **Examples – Gmail Web, YouTube Web, Facebook Web.**

3. **Define hybrid apps and give examples with purpose.**
   Hybrid apps are a combination of native and web apps.
   Examples – Instagram (social media), Uber (cab booking), Gmail (email), Flipkart (shopping).

4. **Define the following:**
   a. Social Networking Apps – Apps used to connect and communicate with people.
   b. Educational Apps – Apps used for learning and studying.
   c. Productivity Apps – Apps that help complete daily tasks and work faster.

5. **Write steps to install an app from Play Store.**
   Open Play Store → Search the app → Select the app → Tap **Install** → App gets downloaded and installed.

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D. Answer the following (Short in 2 to 4 lines)

1. What is an app? Write the names of different store for installing apps.

Answer: An app is a software application specially designed to perform tasks on mobile devices like smartphones and tablets.
Apps make our work easier such as learning, messaging, gaming, and shopping.
Apps can be downloaded from different stores such as **Play Store (Android), App Store (iOS), and Microsoft Store (Windows).**

2. Differentiate between native apps and web apps (with examples).

Answer: Native apps are installed directly in the device and work even without Internet.
They are faster and use device features like camera and GPS.
Examples: **Calculator, Camera, WhatsApp**.

Web apps work through a web browser and need Internet to run. They are not installed in the device and open through URLs.
Examples: **Gmail Web, YouTube Web, Facebook Web.**

3. Define hybrid apps and give examples with purpose.

Answer: Hybrid apps are built using both native and web app features. They need Internet but can also work offline for some functions.
They are installed from the app store like native apps but work using web technologies.
Examples: **Instagram – social media, Uber – cab booking, Gmail – sending emails, Flipkart – online shopping.**

4. Define the following:

Answer:

a. Social Networking Apps – These apps help people connect and communicate with friends and family through messages, photos, videos, and posts. *(Example: Facebook, Instagram)*

b. Educational Apps – These apps provide learning material, videos, quizzes, and courses to support studies and online learning. *(Example: Khan Academy, Byju's)*

c. Productivity Apps – These apps help users complete daily work quickly such as note-making, file storage, reminders, and office tasks. *(Example: Google Keep, MS Office)*

5. Write steps to install an app from Play Store.
Answer:
1. Open the **Play Store** on your Android mobile.
2. Type the name of the app in the **search bar**.
3. Select the app from the search results.
4. Tap on **Install** to start downloading.
5. After download, the app will be **automatically installed** and ready to use.

These answers are only for your reference, you can write your own answers

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