

# Annual Syllabus

## Class VIII

### Computer

#### Chapter 7

#### App Development

A. Fill in the blanks.

1. **User friendly** and **easy to understand** are features of an app.
2. **Trinetra** is an app based on Artificial Intelligence, used by the police department of Uttar Pradesh.
3. **Drops** is an app used for language learning.
4. **Google My Business** is an app that lets small and medium business update their profile on the Internet by using Google listings.
5. **Word Processor** is a computer program that makes typing and formatting text easy.
6. **Spreadsheet** is a computer application that allows the user to store data in a tabular form and to perform calculations.

B. Tick the correct option.

1. Which of the following is a type of app?

Ans. **All of these**

2. Which of the following is not an element of the App Inventor software window?

Ans.

3. Which of the following is a mobile app?

Ans. **All of these**

4. Which of these is not a feature of an app?

Ans. **Difficult to use**

5. Which of the following is an e-mail software app?

Ans. **Gmail**

6. Which of the following is not a Internet browser?

Ans. **Facebook**

C. State True or False-

1. App is an abbreviated form of the word Application. **True**
2. Twitter and Facebook are popular mobile apps. **True**
3. Most of the apps are designed to run on mobile devices. **True**
4. WhatsApp is a popular instant messaging app owned by Facebook. **True**
5. Amazon is an app that allows you to buy things online. **True**

D. Answer the following-

- I. What is an app? What are its features?

Ans. An app is a small software designed to run on desktop and laptops, tablet, mobile phones, modern electronic gadgets and on the web.

Features are –

User-friendly

Easy to understand

High speed

High reliability

Interactive

- II. Explain any two uses of an application.

Ans. a. Communication – Apps such as WhatsApp allows you to chat, send and receive audios and videos and make calls.

b. Education – Apps such as Drops is used for language learning. This app lets you learn English, French, German, Spanish, etc, build your vocabulary, tracks your progress and upgradations from Novice to Tourist to Conversationalist.

- III. What are the different types of applications?

Ans. There are three types of applications –

a. Desktop Apps

b. Mobile Apps

c. Web Apps

- IV. Describe the 'Palette' feature of the App Inventor software.

Ans. Palette component is used to design your app. Designing an app requires arranging the components on the screen of the device. Some components are visible, like a button or a label.

- V. What are the three stages of app development?

Ans. 1. Stage 1- Design the App

2. Stage 2 – Code

3. Stage 3 – Compile the Code

VI. What is Scratch?

Ans. Scratch is a new and innovative programme that allows children to learn how to program and create multimedia games and applications with ease. It is a programming language that makes it easy to create your own interactive stories, animations, games, music and art, and share your creations on the web.