7. Introduction to Adobe Animate 2022

Check Your Learning

Do it yourself

Check Your Learning

1. Pen tool   2. Rectangle tool   3. Paint Bucket tool

EXERCISES

A. Fill in the blanks with the help of words given in the box.

1. Selection   2. Animation   3. Eraser   4. Paint Bucket   5. Fluid

B. Write 'T' for true and 'F' for false statements.

1. F   2. T   3. T   4. F   5. F

C. Tick (✓) the correct option.

1. b   2. a   3. a   4. c   5. a

D. Answer the following questions.

1. Animation is a method in which figures are manipulated in such a way that they appear as moving images. Adobe Animate is one such software which is used to create animation.

2. Adobe Animate is an animation software which is used to create high quality vector graphics. It is used to create 2D animations which can be used for online video, apps, television programs, games etc.
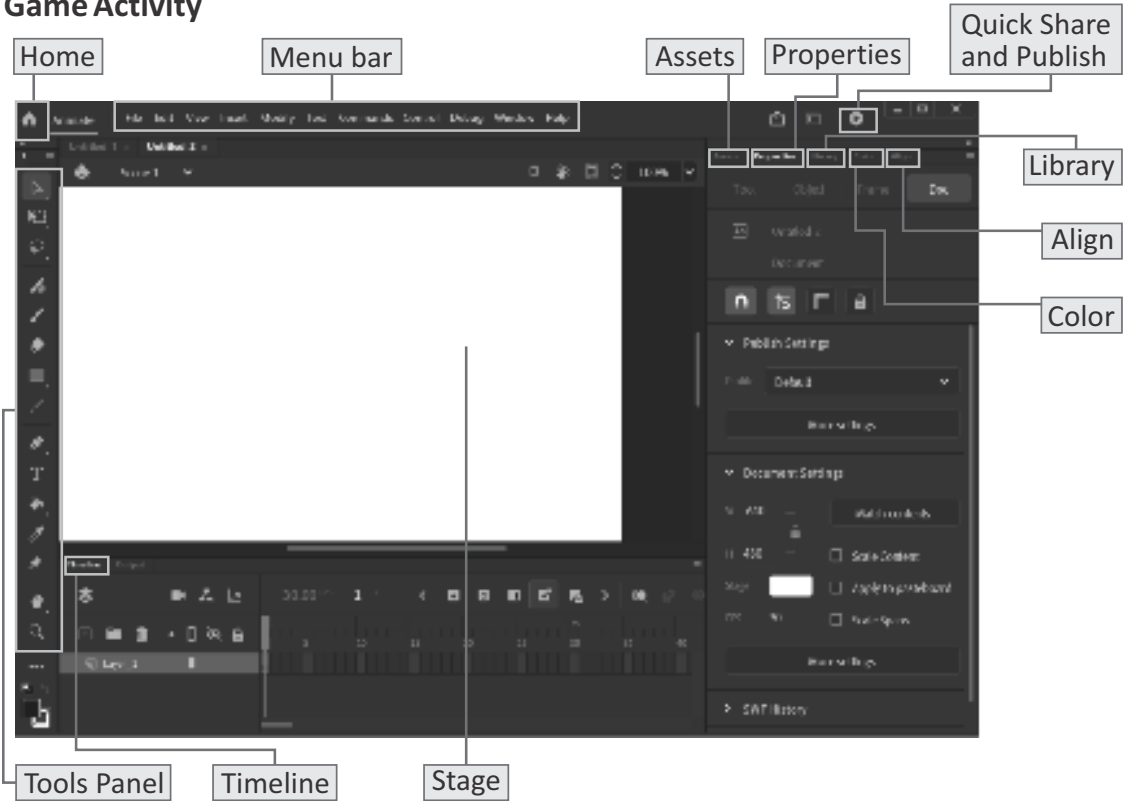
   Steps to start Adobe Animate 2022 are:

   a. Click on **Star** button.

   b. Find and select **Adobe Animate 2022** option from Start menu.

   c. Click on **File** menu.

   d. Select **New** option.

   e. Click on **Standard** option.

   f. Click on **Create** button.

3. Free Transform tool is used to change the object dimensions and rotate it.

4. Selection tool is used to select and move an object on stage. Subselection tool is used to select or move the points on the path of an object.

5. **Stroke Color** control is used to set the outline color of an object.
   Fill Color control is used to set the fill up color of an object.

6. Magic Wand tool is used to select areas of bitmap graphics that has similar colors.

7. Lasso tool is used to make free hand selections of an object. Polygonal tool is used to select an object with a series of connected straight lines.

8. Paint Bucket tool is used to fill the enclosed object with a selected colour.

E. Application-based questions.

1. Tania can use Fluid Brush tool to make some coloured strokes on an image.

2. Ellipse Select tool can be used to draw circle and oval shapes, Rectangle tool can be used to draw rectangle and square, Line tool can be used to draw star.

Fun Zone
Game Activity

Home | Menu bar | Assets | Properties | Quick Share and Publish | Library | Align | Color | Tools Panel | Timeline | Stage

Lab Session
Do it yourself
Higher Order Thinking Skills
Text tool can be used to type text in GIMP. To type text,
• Select Text tool.   • Click on the drawing and start typing the text.
Project Work
Do it yourself

8. Internet Services

Check Your Learning
1. NetMeds   2. BookMeds   3. SmartMedics
4. PharmEasy   5. MedplusMart
EXERCISES
A. Fill in the blanks with the help of words given in the box.
    1. Internet   2. Web browser   3. Skype   4. E-learning   5. Internet TV
B. Write 'T' for true and 'F' for false statements.
    1. F   2. F   3. F   4. T   5. T
C. Tick (✓) the correct option.
    1. a   2. a   3. a   4. a
D. Answer the following questions.
    1. A computer network is a group of two or more computers which are connected to each other to share information and resources. Internet is a global interconnected network of networks. These computers can be connected through the wired or wireless media.

The US Department of Defense established the Advanced Research Project Agency (ARPA) in 1969. They devised a network of four computers to share the data. This network was known as ARPAnet. Later, various universities joined this network and this was the beginning of Networking of Computers. This network grew day by day and Internet came into existence. In early times, internet was used by only engineers, scientists and computer experts for research purpose but later it was made reachable to common people. In India, Internet service was started on 15th August 1995, owned by VSNL.

2. The four services provided by internet are Instant Messaging, E-mail, Internet Free Calls and Video Conferencing.

   Video Conferencing is one of the most commonly used internet services which is used to conduct a conference between two or more people at different sites. This is done by transmitting audio and video data through internet. In this conferencing, participants can view each other on their monitor screen as well as hear voice over speakers. For this, a web cam is required for video and a microphone is required for recording sound. This technology is largely used for virtual meetings or conducting interviews.

3. Instant Messaging is a real time text transmission service used to send and receive the text over the internet instantly. Like online chat, instant messaging provides two-way message exchange in real time. But the difference between Instant messaging and online chatting is that in instant messaging, the communication happens between two known users and involves only those people whom the user has invited. In Online chatting, the communication may happen between unknown users.

4. E-learning is based on formalized learning system using electronic resources. This can be implemented using internet connection, a network, an intranet or a storage disk. This is less expensive method which can be used to give training to large group of students at same time and in an interactive way. The websites which are used for e-learning are Coursera, edx, NPTEL etc.

5. a. E-Commerce: E-commerce or Electronic commerce is used to deal with buying and selling goods and services, transmission of funds or data over the internet. The buying and selling of goods online is also known as E-Shopping or Online Shopping.
      Example: ebay.com, amazon.co.in, flipkart.com
   b. E-Banking: E-Banking or Online Banking or Net Banking is an internet service which allows its customers to perform all routine transactions like account transfer, balance enquiries, bill payments etc.
      Example: statebankofindia.com, pnbindia.com, hdfcbank.com
   c. Internet TV: Internet TV or web television is the process of broadcasting or delivering televised content to end user computing devices over the internet.
      Example: Netflix, Hotstar, Prime Video

6. To search information on internet (Google), follow the given steps:
   • Open any web browser and go to the link www.google.com.
   • In Google home page, type the keyword in search box. Press Enter key.

- A list of related links will be displayed. Click on suitable link and get the information.
7. Advantages of internet are:
   a. It makes it easy to access information and resources.
   b. It facilitates online banking, payments and e-commerce.
   Disadvantages of internet are:
   a. Cyber crime is common where hackers make malicious programs to access your personal details, steal money or get confidential details of the organization.
   b. Internet addiction is a common issue among people who is continuously using it for hours.

E. Application-based question.

Mohit can use Online Chatting or Video Conferencing Service like Skype application for video chatting.

Fun Zone

Game Activity

1. Myntra   2. www.icicibank.com   3. Coursera   4. Facebook

Lab Session	**Higher Order Thinking Skills**	**Project Work**
Do it yourself	1. Facebook	Do it yourself
	2. WhatsApp	
	3. Myntra	

9. Introduction to Small Basic

Check Your Learning

IntelliSense window displays various commands, their descriptions and syntaxes in help window.

Check Your Learning

1. F5   2. BASIC   3. Microsoft

EXERCISES

A. Fill in the blanks with the help of words given in the box.

   1. Program   2. BASIC   3. Run   4. Input   5. Library

B. Write 'T' for true and 'F' for false statements.

   1. T   2. F   3. F   4. F   5. T

C. Tick (✓) the correct option.

   1. a   2. a   3. b   4. c   5. c

D. Answer the following questions.

   1. Small Basic is a very simple and easy-to-use programming language which is especially designed for beginners who wants to learn programming. It has a standard library and lots of new features. It provides an Integrated Development Environment (IDE) which is an editor window where you type the program code and run it.
   To create a program in Small Basic,
   - Open Small Basic window.
   - Click on Editor window, a cursor appears at Line 1.
   - Type the program code.
   - You can go through the commands in IntelliSense, select the required one and press Enter key.