

Answer the Following

- 1) You can choose more than one background in a Scratch Project. All the backgrounds, displayed in the background list available under the Backgrounds tab. To add a new background, click on the stage icon and click Import button from Background tab. Select any new background from the Import folder.
- 2) Pen block instructions are used to draw a trail as the Sprite moves on the stage. Each pen colour has different shades that vary from the lightest to the darkest. The pen shade varies from 0 to 100. 0 is the darkest and 100 is the lightest shade.
- 3) There are three buttons available in rotation style: Can rotate, Only face left- right and don't rotate.
- 4) To add a new sprite on the stage, open the scratch window. Remove the cat sprite by right clicking on it and selecting the delete option. Click on the Choose new sprite from file button. Select a new sprite from the folder in the new sprite dialog box.
- 5) A sprite can also be made to glide on the stage to a specific location. You have to specify the x and y location and the number of second using in the "glide secs to x: y:" block .
- 6) The Position of a Sprite can be set on the stage. The scratch stage is divided into x-y coordinates. At any time while creating the project, if you want to know the exact location of the Sprite, you can select the check boxes of x position, y position and direction present at the end of the Motion block palette. The sprite's x: y: location and the direction will be displayed on the stage. The Scratch stage is 480 pixels wide and 360 pixels high. Each point on the stage is represented by two numbers. These numbers are called X and Y values. The middle of the stage has X coordinate of 0 and Y coordinate of 0. The X value determines the horizontal location of the Sprite and the Y value determines the vertical location or height.

ITG-VI

1

INFORMATIVE INTERNET

I Fill in the blanks

- 1) GPS 2) Home page 3) Layout 4) View in different angles 5) Show Imagery

II Match the following

- 1) Street view 2) Popular online encyclopedia 3) Sky view
4) Determine current location 5) Bottom part of a website

III Arrange the order of map searching to know distance between two places

- (1) C (2) B (3) D (4) A (5) E

IV Choose the answer

- 1) Header 2) Flipkart 3) Layout 4) Cash on Delivery

V Tick logo related with E-commerce



VI True or false

- 1) True 2) False 3) True 4) True

VII Answer the following questions

- 1) Home page, Header, Navigation bar, Content, Footer, Layout
- 2) Jimmy wales and Larry Sanger are founders of Wikipedia they launched it on January 15, 2001.
- 3) It is a web mapping service application and technology provided by Google, that powers many web based services. It is used to find street maps, a route planner for traveling by foot, car, bike or using public transport.
- 4) Buying or Selling of products via electronic means such as the internet or other electronic services.
- 5) Global Positioning System

ITG-VI

2

MORE ON WINDOWS 10

I Fill in the blanks

- 1) Internal 2) Microsoft Edge 3) Action Center 4) Windows Store
5) Personalization Settings 6) Lock 7) Snap Assist
8) Gmail 9) Burn 10) Windows

II Multiple choice questions

- 1) Share 2) Internet 3) Maps 4) Internet Explorer 5) Personalization

III State whether True or False

- 1) True 2) True 3) False 4) False

IV Name the following icons

- 1) Share 2) Windows store 3) Microsoft Edge 4) Personalization Settings
5) Maps 6) Media Player

V Match the following

- 1) To find landmarks 2) To transfer file over a network
3) To arrange windows screen 4) + 5) Settings of background, Colour, etc.

VI Identify the windows

- 1) Burn CD or DVD 2) Colour 3) Action Center

VII Answer the following

- 1) Share file are photos, documents and videos in windows 10.
- 2) There are four ways to open Microsoft edge. to access it, you can choose any of the following methods. (a) Access the browser form start menu [Right pane]. Open start menu, and then choose Microsoft edge in it.
(b) Open it via its icon on the taskbar. Click the Edge icon on the taskbar.
(c) Access the browser from the start menu [Left pane]. Open start menu, choose All apps, then click Microsoft Edge on it.
(d) Open it by search box. Type edge in the search box on the taskbar, and hit Microsoft Edge in the result.
- 3) Windows Store can browse many apps in windows 10 and to download free apps on your system.
- 4) You can install apps in windows10 to select windows store enter the name into the search box in the upper- right corner of the store. Then click on free button to instal free apps.
- 5) The easiest way to uninstall windows 10 app is to type the name of the app in the taskbar search. Once its icon is displayed in the search result, right-click on it and select uninstall.
- 6) To change the default look and feel of the desktop by pressing right click mouse button on the blank area of desktop select the personalize option, then click on the background tab to choose solid, colour or slide show to change the appearance.
- 7) Suppose, you want to make a shortcut key to open excel app easily access a program by keyboard, following the steps to make shortcut key.
Right click on the Paint icon and select Properties.
Enter a key combination in the Shortcut key field.
The combination must be CTRL+ALT+ Shift a letter/num. Here we used the function key (F7). Click on the OK button
- 8) You can disable Snap Assist by simply toggling the arrange windows automatically by dragging them to the sides or corners of the screen option Off: Click on Start> Setting> System> Multitasking> Snap.
- 9) Cloud computing means storing and accessing data and programs over the internet instead of your computer's hard drive. An example of a Cloud Computing provider is Google's Gmail.

I Fill in the blanks

- 1) Grow Font
- 2) Ascending or Descending
- 3) Clear formatting
- 4) Text
- 5) Column formatting

II Multiple choice question

- 1) Spelling error
- 2) Esc
- 3) Indent
- 4) Shrink font
- 5) Insert

III Identify the shortcuts

- 1) Shrink font
- 2) Clear formatting
- 3) Super script
- 4) Grow font
- 5) Change Case

IV Match the following

- 1) Home tab
- 2) Review tab
- 3) Layout tab
- 4) Insert
- 5) File

V True or false

- 1) True
- 2) True
- 3) False
- 4) False
- 5) True

VI Answer the following

- 1) Change Case option is used to change the case of a text. It includes Uppercase, Lowercase, Sentence Case, Capitalise Each Word and Toggle Case.
- 2) Clear Formatting is used to clear all formatting the text and return to its default formatting style.
- 3) Click on Footer drop down arrow on Header and Footer group in Insert tab. Select a Footer option from the drop down list. Now footer is inserted at the bottom of the document.
- 4) Sort option is used to arrange texts in ascending or descending order. This feature can be particularly helpful for sorting bibliographies, glossary entries, list of names etc.
- 5) Multilevel list option means to add bullets or numbers for sub items in a list.
- 6) Drop cap option is used to create a large dropped initial capital letter on the beginning of a paragraph.
- 7) Click on Page Number option from the drop down list on the Header and Footer group in the Insert tab. Then, page number is inserted in the document.

I Fill in the blanks

- 1) Illustration
- 2) Design
- 3) Chart
- 4) Page break
- 5) Insert
- 6) Cover page
- 7) Background

II True of false

- 1) False 2) True 3) False 4) False 5) True 6) True

III Match the following

- 1) Illustrations 2) Data 3) Page Background 4) Divide the Page
5) Graphical Representation 6) SmartArt Styles

IV Multiple choice question

- 1) Page Border 2) Watermark 3) Insert 4) Chart
5) Page background 6) Page border

V Write the names of following charts

- 1) Line Chart 2) Column chart 3) Area chart 4) Bar chart
5) Pie chart 6) Sunburst chart

VI Answer the following

1) To insert a page break, follow the given steps:

Place the cursor where you want to insert a page break. Then click Page Break on the Pages group in insert tab. Now a new page will be added to your document at the current cursor position.

2) SmartArt is a graphical visual representation of information. It helps you to create editable diagrams quickly.

3) To insert a chart in your documents, follow the steps: Select Chart option on the Illustrations group in Insert tab. Select the category of chart from the left side of the window. Select a chart style from the list. Click OK button.

4) You can add text into inserted SmartArt graphics. To do this, follow the steps: Select a text box from the inserted SmartArt graphics. Enter the text into the text box. Now the text is entered in to the SmartArt graphics

I Name the group

- 1) Master view 2) Advanced animation group 3) Setup group

II Fill in the blanks

- 1) Animation 2) Slide sorter 3) Normal view 4) Pointer option 5) Outline view

III Multiple Choice question

- 1) Custom Slide Show 2) Pointer Option 3) F5 4) Ctrl+A 5) Notes Page

IV True or False

- 1) False 2) True 3) False 4) False 5) True

V Match the following

- 1) Start Slide Show 2) Master View 3) Presentation Views 4) Animation 5) Slides

VI Answer the following

1) While showing your PowerPoint slide show, you can use both keyboard and the mouse to control your presentation. You can control by right clicking on the screen and selecting relevant option from the popup menu. Next, previous and see all slides are the important slide show control options.

2) This is an animation effect used to move an object or text in a specified path.

3) The text can animate in different ways in the presentation. Select the text from the animation tab, click on the more button in the animation group and select the various type of animation effects- Click on the split animation effect - Select vertical in open from animation pane- Select applause from the sound box- Select by letter from the animation text then click ok button.

4) Normal view, Outline View, Slide Sorter view, Notes Page view, Reading view, Master views: Slide, Handout and Notes.

5) Hide slide option is used for hiding selected slides from the presentation.

6) Outline view is used to create an outline or story board for your presentation. It displays only the text on your slides, not graphical items in the thumbnail tab.

Note Page view allows to make notes under the slide without affecting presentation in Slide show.

7) Timing option from animation pane drop down list is used for deciding how the text or other object should appear in a presentation. You also set the speed of your animation from the duration drop down list under Timing tab.

I Choose the correct Answer

- 1) MS Excel 2) Alignment 3) Normal View 4) Auto Fill

II Match the following

- 1) Font 2) View 3) Text Rotation 4) Sigma Sign 5) Cells group

III Fill in the blanks

- 1) Worksheet 2) AutoSum 3) Autofill 4) Ascending or Descending
5) Cell orientation 6) Page layout view

IV True or False

- 1) False 2) False 3) True 4) False 5) True

V Answer the Following

- 1) Font, Font size, Bold, Italic, Under line, Border, Fill color and Font color
2) Normal view, Page Layout view, Page Break Preview, Custom View
3) Sorting means arranging data in ascending or descending order.
4) This option helps you to see or print a specified area in your workbook.

I Fill in the blanks

- 1) <BODY TEXT= “color” 2) Text, Image, Hyperlink, etc. 3) <TITLE>
4)
 5) Web 6) Hyper Text Markup Language

II Choose the correct answer

- 1) WWW 2) HTML 3) tags 4) Container tag 5) <HR> 6) <TITLE>

III Find out the odd one

- 1) <PRE> 2) TEXT 3) <HR>

IV Match the following

- 1) Bold 2) Superscript 3) Strike 4) Subscript 5) Paragraph

V Answer the following

- 1) HTML is a simple scripting language to create a web page.
2) A tag is an HTML command that indicates the layout or display of whole or a part of a web page. It always begins with a '<' (less than) sign and ends with a '>' (greater than) sign. For example: <Body>, <Head> and <H1>. Tags are two types: Container and Empty.

3) Attributes are additional parameters that tell how to display HTML elements. Attribute appears as an attribute name followed by an equal to (=) sign and then its value.

4) Image tag is used to insert an image to enhance the look and feel of a web page

Syntax:

ITG-VI





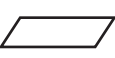
8

PROGRAMMING CONCEPTS

I Fill in the blanks

1) Graphical 2) Oval 3) Stop 4) Rectangle 5) Flow 6) Pseudocode

II Match the following

1)  2) Machine Language 3) Pictorial representation 4) 
5)  6)  7) 

III True or False

1) True 2) True 3) True 4) True 5) False

IV Multiple choice question

1) b 2) c 3) a 4) c 5) c 6) c

V Answer the following questions

1) A flowchart is a step by process to solve a problem in a pictorial form.

2) Oval - Start/ Stop box is used to represent starting and ending of a flowchart

Parallelogram- Input/ Output box is used to read and print any data.

Rectangle- Processing box is used for calculation.

3) Branching is the process of following one or two of more alternate paths of computations. A loop is the sequence of instruction that repeats a specified number of times until a particular condition is met.

4) A program is a set of instructions that makes the computer work. There are some common high- level languages are BASIC, QBASIC, LOGO, C, C++, VISUAL BASIC, JAVA etc.

ITG-VI

9

STARTING WITH PYTHON

I Fill in the blanks

1) Compiler 2) .py
3) Ctrl+D, Ctrl+Q or type quit() 4) >>>

II State True or False

- 1) True 2) False 3) False 4) True 5) False

III Answer the Following

1) Python is a high level, general purpose programming language created by Guido Van Rossum. It was publicly released in 1991.

2) Keywords are the word which have fixed meaning and these meaning cannot be changed.

The identifiers are user defined names. A valid identifier is a sequence of one or more letters, digits or underscore characters. Neither spaces nor punctuation marks or symbols can be part of an identifier. Identifiers refer to the name of class, functions, variables etc.

- 3) • Python is easy to learn
• Python portable/ platform independent
• Python is an interpreted language
• Large standard libraries to solve common tasks etc..

4) Compiler, translates the source code to machine language.

5) To execute the python script by choosing Run option or press Ctrl +F5.

IV Application Based Questions

1. In Python Interpreter we can use two modes, i.e Interactive mode and Script mode. In interactive mode, simply write in IDLE window and press enter key. In Script mode, Python Interpreter runs a program from the source file.

2. Python is a high level, general purpose programming language created by Guido Van Rossum. It was publicly released in 1991. By high level, we mean language which hides nitty - gritty details from the program. Python is known for its simplicity and readability.