

Date: _____ Class: 2 Div: A / B / C Roll No: _____ Sub: Computer
Name: _____ Term II - Year End Worksheet

Q1. Choose the correct option and answer the following questions:

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- i. _____ area shows all the blocks available for use.
(a) **Blocks Palette** (b) Script Area (c) Stage (d) Tic
- ii. Script is also known as _____.
(a) Scratch (b) Flag (c) **Program** (d) Tic
- iii. Block category have _____ color-coded block category.
(a) **Six** (b) Four (c) Two (d) Five
- iv. You can click on _____ flag to start your main program.
(a) Red (b) **Green** (c) White (d) Black
- v. _____ is a fun-based programming language for kids.
(a) **ScratchJr** (b) Tuxpaint (c) Word (d) All

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- i. Ai- powered games maintain the _____ of the players.
(a) **interest** (b) relation (c) balance (d) All of these
- ii. _____ is a free online AI-based coloring program.
(a) Word (b) **Petalica** (c) Notepad (d) Scratch
- iii. What does AI stand for?
(a) Artificial Ice (b) **Artificial Intelligence** (c) Artificial Ink (d) Amazing Idea
- iv. AI makes our work _____.
(a) Boring (b) Hard (c) Slow (d) **Easy**
- v. Which one is an example of AI?
(a) Calculator (b) **Alexa** (c) Table (d) Chair

Q2. Fill in the blanks choosing words given in the brackets:

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- i. By default, _____ is the main character in ScratchJr. [Tic / Scratch]
- ii. To move the sprite _____ blocks are used. [Look / **Motion**]
- iii. By default, the background of the stage is _____. [**White** / Red]

iv. STOP TIC block is present in the _____ blocks category. [**Control** / Looks]

v. _____ is the place where sprite moves. [**Stage** / Blocks]

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i. Terminator is the movie based on AI _____. [**YouTube** / **Robot**]

ii. _____ is a free online AI-based coloring program. [**Petalica Paint** / Word]

iii. YouTube suggests similar kind of _____ to users. [**Videos** / CD]

iv. A normal electronic machine is fed with _____. [**Machine** / **Instructions**]

v. The ability to deal with changing situations is called _____. [**Intelligence** / AI]

vi. A smart music system with AI plays music on human voice _____. [**Music** / **Command**]

Q3. State whether the following statements are True or False:

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i. The blocks are use to add new pages in the project. _____ **False**

ii. You cannot change the background of the stage. _____ **False**

iii. We can add more characters in the project. _____ **True**

iv. Sprite is a character that performs all the actions. _____ **True**

v. By default, ScratchJr is installed on your computer. _____ **False**

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- i. In AI , robots are developed to think like humans. **(True)** _____
- ii. A smart music system with AI plays music through CD or DVD.(**False**) _____
- iii. Rock , Paper and Scissors game teaches the basic principles of AI technology. **(True)** _____
- iv. There is no difference between a normal machine and AI-enabled machine. **(False)** _____
- v. A music system gives output in the form of text. **(False)** _____
- vi. Siri and Alexa are famous personal assistants. **(True)** _____
- vii. Majority of video games are powered by Artificial Intelligence. **(True)** _____

Q4. Answer the following questions:

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i. What is ScratchJr?

Ans) ScratchJr is fun-based coding program for kids.

ii. Write the names of any two color-coded block categories.

Ans) i. Motion ii. Looks

iii. Write the names of any two blocks of Looks blocks.

Ans) i. Say ii. Grow

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i. What is the goal of Artificial Intelligence?

Ans. The Goal of AI is to make computers take intelligent decisions.

ii. Give two examples of AI in our daily life.

Ans. i. Amazon's Alexa ii. Google Nest

iii. What is Petalica Paint?

Ans. Petalica Paint is a free online AI-based coloring program.

Q5. Match the following columns:

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Column 'A'	Answer	Column 'B'
i. Green Flag	B _____	a) Move the character
ii. Red Block	D _____	b) Start the program
iii. Motion Block	A _____	c) Special Character
iv. Tic	C _____	d) Stop the program

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Column 'A'	Answer	Column 'B'
i. AI	B _____	a) Answer our questions
ii. Google Assistants	A _____	b) Smart technology
iii. Robot	D _____	c) Coloring Program
iv. Alexa	E _____	d) Helps humans
v. Petalica Paint	C _____	e) Talks to us

Q6. Answer in one word:

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- i. Name the character that performs all the actions. _____ **(Sprite)**
- ii. What is color of Triggering blocks. _____ **(Yellow)**
- iii. What is the color of Motion blocks. _____ **(Blue)**
- iv. Name the place where you see your character move. _____ **(Stage)**

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- i. What does AI help machines do? _____ **(Think)**
- ii. Is AI used in robots? _____ **(Yes)**
- iii. Give any one example of Smart music system _____ **(Alexa)**
- iv. What is inserted in normal music system to play music? _____ **(Cd / Dvd)**