Computer Science 7th Class Chapter 4 Online Test

Sr	Questions	Answers Choice
1	What is the X-Y method used fo in Scratch.	A. To create a timer B. To create a variable C. To allow the user to move a sprite using arrow keys D. To create a sound effect
2	What is the purpose of the delay block in scratch.	A. To add a sound effect B. To change the back ground colour C. To create a timer D. To slow down the program execution
3	Who reflned the binary number system in the 17th cenury.	A. Isaac Newton B. Albert Einstein C. Galleo Calilei D. Gottfried Leibniz
4	The term .... also refers to any digital encoding system in which there are exactly two possible states.	A. Digital B. Binary C. Python D. Programming
5	What is the most commonly known numbere system.	A. Binary numebr system B. Decimal numebr system C. Octal numebr system D. Hexadecimal numebr system
6	How many important variable blcks are there in Scratch.	A. One B. Two C. Three D. Four
7	What is the purpose of the step method is scratch.	A. To turn the sprite around while it moves B. To change the back ground color C. To create a new sprite D. To add sound effect
8	What is the purpose of the stage in Scratch.	A. To display the program as it runs B. To add new sprites to the project C. To modify the program code D. To change the background color
9	How are numbers represnted in computers.	A. Using electronic switches B. Using analog singals C. Using mechanical switches D. Using hydrulic signals
10	What is the decimal equivalent of the binary number 1011	A. 6 B. 8 C. 9 D. 11
11	What is the purpose of duplicating and editing code in Scratch.	A. To creae a new sprite B. To change the back ground color C. To allow a sprite to move in different directions D. To add sound effects
12	How many numbes can be represnted wih just two digits.?	A. 10 B. 2 C. 16 D. 20
13	--------------- bits together make, what we call a "byte" of the data.	A. 6 B. 7 C. 8 D. 9
14	What is the least significant bit in a binary number.	A. The bit to the extreme left B. The bit to the extreme right C. The middle bit D. It depends on the number

15	Which block specifices different directions for a sprite to move in Scratch.	A. Move ten steps B. Point -in- direction C. Forever loop D. Repeat loop
16	What is the first step in making a sprite move.	A. Select a sprite B. Create a new project C. Add a background image D. Write the script
17	What is Scratch.	A. A programmming software B. A video game C. A mobile app D. A social media platform
18	How many bits make up a byte of data.	A. 2 B. 4 C. 8 D. 16
19	What makes it possible ot develop applications that enable users to do every task.	A. Binary number system B. Decimal number system C. Octal number system D. Hexadecimal number system
20	How many cardinal directions can a sprite move in Scratch.	A. 2 B. 3 C. 4 D. 5