Computer Science 7th Class Chapter 4 Online Test

Sr	Questions	Answers Choice
1	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
2	The decimal numebr system is a numebr system that represents a number with a base of.....	A. 2 B. 3 C. 5 D. 10
3	How many bits make up a byte of data.	A. 2 B. 4 C. 8 D. 16
4	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
5	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
6	-------------- are made up of pixels.	A. Binary numbers B. Decimals C. Programs D. Digital images
7	What is the abbreviated form of a binary digit.	A. A bit B. A byte C. A nibble D. A word
8	How many cardinal directions can a sprite move in Scratch.	A. 2 B. 3 C. 4 D. 5
9	What is the most basic funtion in any game.	A. Movement B. Sound effects C. Graphics D. Storyline
10	What are digital images made up of.	A. Pixels B. Vectors C. Lines D. Points
11	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
12	The best way to remember a value when designing the program is to use a.	A. Variable B. Value C. Number D. Sound
13	Where do you add script blocks in Scratch.	A. Stage area B. Block categories C. Script area D. Sprite list
14	What color are motion blocks in scratch.	A. Blur B. Red C. Green D. Yellow
15	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

16	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
17	--------------- bits together make, what we call a "byte" of the data.	A. 6 B. 7 C. 8 D. 9
18	Whats is another name for electronic switches is computers.	A. Bytes B. Declmals C. Termaries D. Bits
19	What is the most 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 onthe number
20	Which block is used to work with loops in scratch.	A. Repeat loop B. Point -in-direction C. Forever loop D. Move ten steps
21	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
22	What is the decimal equivalent of the binary number 1011	A. 6 B. 8 C. 9 D. 11
23	How many symbols are used in the decimal number system.	A. 8 B. 10 C. 12 D. 16
24	What is the most commonly known numbere system.	A. Binary numebr system B. Decimal numebr system C. Octal numebr system D. Hexadecimal numebr system
25	How are numbers represnted in computers.	A. Using electronic switches B. Using analog singals C. Using mechanical switches D. Using hydrulic signals
26	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
27	What is the purpose of the timer in Scractch.	A. To creae a variable B. To chagne the background color C. To display the program as it runs D. To measure time
28	How many characters can ASCII represent.	A. 128 B. 256 C. 512 D. 1024
29	Who reflned the binary number system in the 17th cenury.	A. Isaac Newton B. Albert Einstein C. Galleo Calilei D. Gottfried Leibniz
30	How many bytes are threre in a kilobyte.	A. 1000 B. 1024 C. 2048 D. 512
31	How many important variable blcks are there in Scratch.	A. One B. Two C. Three D. Four
32	How many bits are there in a byte of data.	A. 4 B. 8 C. 16 D. 32
		A. To creae a new sprite

33	What is the purpose of duplicating and editing code in Scratch.	A. To create 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
34	What is Scratch.	A. A programmming software B. A video game C. A mobile app D. A social media platform
35	----------- are represented in the computer using 8-bit numbers.	A. Numbers B. Letters C. Images D. Colors
36	How many Brosto bytes make up a geop Byte.	A. 1024 B. 1048576 C. 1099511627776 D. 1073741824
37	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
38	How many numbes can be represnted wih just two digits.?	A. 10 B. 2 C. 16 D. 20
39	What is the full form of ASCII.	A. American Standard Code for International Interchange. B. Americna Standard Code for Information Interchange C. American Standard Code for Information Technology D. Americna Standard Code for Internet Interchange.
40	In computer Information is stored using which codes.	A. Termary codes B. Binary codes C. Decimal codes D. Ocal codes