# Computer Science 7th Class Chapter 4 Online Test

| Sr | Questions | Answers Choice |
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| 1 | What is the purpose of the timer in Scractch. | A. To creae a variable<br>B. To chagne the background color<br>C. To display the program as it runs<br>D. To measure time |
| 2 | Where do you add script blocks in Scratch. | A. Stage area<br>B. Block categories<br>C. Script area<br>D. Sprite list |
| 3 | What is the most significant bit in a binary number. | A. The bit to the extreme left<br>B. The bit to the extreme right<br>C. The middle bit<br>D. It depends onthe number |
| 4 | What is the purpose of the delay block in scratch. | A. To add a sound effect<br>B. To change the back ground colour<br>C. To create a timer<br>D. To slow down the program execution |
| 5 | How many bits are there in a byte of data. | A. 4<br>B. 8<br>C. 16<br>D. 32 |
| 6 | What are digital images made up of. | A. Pixels<br>B. Vectors<br>C. Lines<br>D. Points |
| 7 | What is the X-Y method used fo in Scratch. | A. To create a timer<br>B. To create a variable<br>C. To allow the user to move a sprite using arrow keys<br>D. To create a sound effect |
| 8 | ---------- are represented in the computer using 8-bit numbers. | A. Numbers<br>B. Letters<br>C. Images<br>D. Colors |
| 9 | In computer Information is stored using which codes. | A. Termary codes<br>B. Binary codes<br>C. Decimal codes<br>D. Ocal codes |
| 10 | How many Brosto bytes make up a geop Byte. | A. 1024<br>B. 1048576<br>C. 1099511627776<br>D. 1073741824 |
| 11 | What is the purpose of the stage in Scratch. | A. To display the program as it runs<br>B. To add new sprites to the project<br>C. To modify the program code<br>D. To change the background color |
| 12 | What makes it possible ot develop applications that enable users to do every task. | A. Binary number system<br>B. Decimal number system<br>C. Octal number system<br>D. Hexadecimal number system |
| 13 | What is the decimal equivalent of the binary number 1011 | A. 6<br>B. 8<br>C. 9<br>D. 11 |
| 14 | How many cardinal directions can a sprite move in Scratch. | A. 2<br>B. 3<br>C. 4<br>D. 5 |
| 15 | How many numbes can be represnted wih just two digits.? | A. 10<br>B. 2<br>C. 16 |

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| | | D. 20 |
| 16 | How many characters can ASCII represent. | A. 128<br>B. 256<br>C. 512<br>D. 1024 |
| 17 | What is the abbreviated form of a binary digit. | A. A bit<br>B. A byte<br>C. A nibble<br>D. A word |
| 18 | The decimal numebr system is a numebr system that represents a number with a base of..... | A. 2<br>B. 3<br>C. 5<br>D. 10 |
| 19 | Who reflned the binary number system in the 17th cenury. | A. Isaac Newton<br>B. Albert Einstein<br>C. Galleo Calilei<br>D. Gottfried Leibniz |
| 20 | What is the least significant bit in a binary number. | A. The bit to the extreme left<br>B. The bit to the extreme right<br>C. The middle bit<br>D. It depends on the number |