1. Why do computers understand only binary language?

-Computers understand binary language because modern computers uses semi conductor technology which is in high voltage and low voltage. High voltage means 1 and low voltage means 0 that is the reason why they understand binary language.

1. What is the full form of IDE?

-Integrated Development Environment.

1. What is the difference between and text editor and a code editor?

-Text edit :it is the platform where we can write and edit text but this platform doesn’t have the function to Build and run the code that means we don’t get any compiler.

-Code editor :it is the platform where we can write the code and also it give us the option to build and run the code.

1. What are the steps to develop software using C language?

-1:Create a source file

-2:Build and Run the file

-By performing these two steps it creates an .exe file and that is our software.

5.

a.What is the latest version of c language?

-C17 and it was published in June 2018.

b.Who developed c language?

-Dennis Ritchie developed c language in early 1970s.

c.What is the difference between System and Application software?

-System software is used for operating computer hardware.

-Application software are installed according to user's requirements.

d.How to convert a number from a decimal number system to a binary number system?

-The easiest method is to take 2s compliments and convert.

For ex: If we have no.65 take compliment of size 1 byte that is 8 bites.

27 26 25 24 23 22 21 20

here check there is 65 or less than that, and add as per the requirement.

128 64 32 16 8 4 2 1 ->

0 1 0 0 0 0 0 1