Computer Science (New Book) - 9th Class Computer Science English Medium Short Question Preparations

Q1. What is Artificial system.

Ans 1: Artifical System are created and developed by poeople sos that they may fulfil certain functions or address certain issue. These systems can be as small as a wheel or as large as teh united Nation. Artifical system are a vital part of the contemporary society becasue they reinforece productivity, solve complex problems, and improve people's well-being.

Q2. Define Social System.

Ans 1: Social system refer to structured frameworks established individual to effectively handle social interactions, organizatinal governance, and commual edeavors, The basic goal of these system is to maintain in order, provide serices and faciliate social connections.

Q3. Mention some important sytpes of Artificial system.

Ans 1: Theree are differente types artififial systems, some of which are described below.
Knowledge systems
Engineering systems
Social system

Q4. What do you know about Engieering system.

Ans 1: Product developed by engineers are complex frameeworks or device sthat apply egineering concpet to perform certain tasks or solve technicla challenges. These are some examples of how engineers of various types develp system according to their own special knowledge and perspecive, given to them through their original vaisions and approaches.

Q5. Difference between Physical and Chemical System

Ans 1: Physical System:
Physical systems are composed of physical components and governed by teh laws of physics. They include thign range from sub atomic particles atoms,planets stars, galaxies and customes,
Chemical system:
Chemical system involve substances and their interactins, transformationns, and reactionsn They are governed by teh laws of chemistry.

Q6. Explain the Von Neumann Architecture of a computer.

Ans 1: The Von Neumann architechtur eis a computer paradigm that delineates a system in whic the hardware of the computer has four primary components. The memory, the Centrla Processing Unit, Input mechanisms, and output mechanisms. This model is called the JohnVon Neumann model, The Neumann model named in honor of the mathematician and physicist who contributed to its development duirn the 1940s

Q7. What are the Biological system.

Ans 1: Biological systems consists of living organism and their interactions They are governed by bioligical processes susch as growth, reproduction, and metabolism.

Q8. Define Hardware and software.

Ans 1: A compute rsytem is a structured set of hardware and software components speciaficially desinge for data processing and the performance of various operations. These system can range from simple technoligicla tools, such as calculation used for performign mathematical calculations to complex netwwork fo linked computers.

Ans 2: Hardware:
Hardware of a computer system refers to the tangible components of the syste. These include the central processing Unit Random access memory stroage devices and inputand output devices.

Ans 3: Software:
Software refers to a collection of instructions tha dictate the requirement and actions that hardware must do /There exist two primary categrois System software and application software, System Software encompasses the Operating system and utility applications responsible for managing the computers resources such as Windows, macOs, and Linux developed to carry out certain function for the user, such as word processors web browsers, and games.

Q9. How Artificial System works.

Ans 1: Artifical systems are a vital part of the contemporary society because they reinforce productivity solve comple problems,and improve people's well being.

Q10. Menation some examples of Nature System.

Ans 1: Physical system.
Chemical system
Biological system
Psycholigical system.