

Computer Science (New Book) - 9th Class Computer Science English Medium Chapter 1 Preparation

Q1. What do you know about Software Engineering system.

Ans 1: it is the process of designing developing and maintaining software to perform certain tasks eradicating errors. For instance, an online tool assisting a library in tracking books, users as well as stock in their procession.

Q2. Differentiate between Physical and Chemical system.

Ans 1: Physical systems: Physical system are composed of physical components and governed by the law of physics. They include things ranging from sub atomic particles, atoms, planets stars, galaxies and comets.
Chemical system: Chemical system involve substances and their interactions, transformation, and reaction they are governed by the laws of chemical.

Q3. What are the social system.

Ans 1: Social systems refer to structured frameworks established by individuals to effectively handle social interactions, organizational governance, and communal endeavors.

Q4. Define Chemical engineering

Ans 1: Focus on converting raw material into useful products through chemical processes, considering internal molecular interactions. For example a water treatment plant that purifies water using chemical processes like coagulation and filtration.

Q5. What is information Management systems.(IMS)

Ans 1: These are specific applications developed with the purpose of capturing archiving organizing and disseminating data

Q6. Define Mechanical Engineering system.

Ans 1: Engage in planning and creating devices that make a utilization of forces from outside to accomplish work, For instance a robotic arm applied on assembly line for packaging of products in factories.

Q7. Define software Engineering system.

Ans 1: Is the process of designing developing and maintaining software to perform certain task eradicating errors, For instance, an online tool assisting a library in tracking books, users as well as stock in their possession.

Q8. What is Design science.

Ans 1: Design Science is focused on designing and creating artifacts to achieve specific goals. The nature of design science is prescriptive, meaning that it aims to prescribe and create artificial systems.

Q9. Give some examples of Engineering systems.

Ans 1: These are some examples of how engineers of various types develop systems according to their own special knowledge and perspective

Q10. Define Natural System

Ans 1: Natural systems are those that exist in nature and operate independently of human involvement; they are governed by natural laws and processes. Following are the examples of some natural systems that exist in nature
