INFORMATION AND COMMUNICATIONS TECHNOLOGY (ICT)

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1. Knowledge:
- Define ICT and IT
- Identify ICT system components
- Explain the applications of ICT
- List the advantages and disadvantages of ICT
- Describe the social and economic impact of ICT

2. Comprehension:
- Differentiate between weighted and non-weighted codes
- Compare positional number systems such as Binary, Octal, Decimal, and Hexadecimal
- Explain r's and (r-1)'s complement

3. Application:
- Demonstrate the representation of numbers and characters in different systems

4. Analysis:
- Analyze the concept of data and information
- Identify basic problem-solving techniques using Flowchart and Algorithm

5. Synthesis:
- Create a basic understanding of computer hardware and software

6. Evaluation:
- Evaluate the advantages of networking
- Differentiate between LAN, MAN, and WAN
- Analyze the features of Intranet and Internet
- Compare servers and clients
- Examine the importance of ports, DNS, world wide web, and browsers
- Differentiate between guided and unguided media