IMORTANT QUESTIONS CLASS IX

1. ## SHORT QUESTIONS

    a. Define Artificial Intelligence?

    b. What is meant by Cloud Computing?

    c. Describe Napier's Bone and Slide Rule?

    d. Differentiate ALU & CU?

    e. Differentiate between analog and digital computers?

    f. What are the tasks performed by operating system?

    g. Mention few disadvantages of DOS?

    h. Name two operating systems which are used in modern mobile phones?

    i. Define UNIX?

    j. Define windows operating system?

    k. Write a short note on Single-user

    l. Write a short note on multi-user?

    m. What is meant by managing data and why is it important?

    n. Name any three areas of application of Excel.

    o. What is the purpose of control buttons in Word window?

2. ## LONG QUESTIONS

    a. Describe the basic icons of windows operating system.

    b. Explain the main function of operating system.

    c. Explain the basic operations of computer.

    d. Explain text and paragraph formatting in word.

    e. Describe how formulas are used in Excel with example.

    f. Describe how functions are used in Excel with example.

1. **Short Questions**.

Define Computer System Differentiate between computer Hardware and Software.

Write down the working of Inkjet Printer.

What is CPU? Briefly explain its parts.

What is Operating System and list down its various tasks?

Describe the function of Mother Board.

Define the terms: Parameter, Switch and Path.

Compare High Level Language with Low Level Languages and give at least three differences between them.

What is meant by Voice Recognition System? Explain.

Briefly explain the Important Concepts Joseph Maria Jaquard's invention emphasized on.

What is the difference between Graphical User Interface and Command Line Interface? Also give example.

What is ROM? List down its tasks.

What do you know about scanner? How scanned text can be edited?

Compare My Computer and Windows Explorer.

Describe briefly PAN networking.

List the advantages of ring topology.

Give any three common symptoms of infected computers by malware attacks.

Why is operating system important software for a computer? Give any three reasons.

Define Real Time System.

What is meant by CDMA?

State any three problems which may occur if peer-to-peer network is used for a large number of users in a large organization.

Compare Macintosh OS and Linux OS.

Write down a brief note on Asynchronous transmission.

Briefly describe the page orientation in MS-Word program.

What is Inpage Urdu editor?

Differentiate between attenuation and amplification.

What is network architecture? Name its different types.

2. **Long Questions**

Discuss any four output devices.

Write a note on the following:

(i) Router (ii) Hyperlink

(iii) Bluetooth (iv) ISDN

Define computer ethics and write down some important moral guidelines for ethical use of computer technology.

Draw and explain the Block Diagram of computer system.

Write down the application of computer in Product Design and Manufacturing.

What is the difference between Source Code and Object Code?

Write down the purpose of the following commands:

(i) BACKUP (ii) PROMPT (iii) XCOPY

Write a brief note on the working of Hard Disk.

What is the difference between Typeface and Font?

List down the advantages of working in MS Windows Environment.

What is the difference between SAVE and SAVE AS options?

Define the following:

(i) Booting Process (ii) Icons in Windows (iii) Memory Word