Important QUESTIONS for GRADE 9, 2080

Contents

Chapter 1 : Computer Basics

1. What is Computer ?
2. What do you mean by (Information Processing Machine) IPM?
3. What are the characteristics of Computer?
4. What is meant by versatility in terms of feature of computer?
5. Why computer is called diligence machine?
6. Explain the phrase "Garbage-In-Garbage Out".
7. List the abilities that every computer can perform.
8. Write any two limitations of computer.
9. Mention any four uses of computer.
10. How many bytes are equal to 1 MB.
11. Explain working principles of computer with block diagram.
12. List any four features of computer.
13. Describe the use of computer in education field.

Chapter 2 : Types of Computer

1. What are general purpose computers and special purpose computers? Write one Example of each.
2. What are the broad classifications of computer on the basic of work (function)?
3. Differentiate between analog and digital computers.
4. What are super computers? What is their application in real life situation?
5. Distinguish between mini computers and micro computers.
6. What are different types of micro computers?
7. What is mainframe computer and what are its typical applications?
8. What is microcomputer? Write its types.
9. How are computers classified into different types?
10. What is analog computer? Where is it used?
11. Define digital computer. What are the types of digital computers?
12. Classify a computer on the basis of size.
13. What is mainframe computer and what are its typical applications?

14. Define hybrid computer?

Chapter 3 : Computer System

1. What is computer system?
2. List the main units of computer system.
3. Define data and user with example.
4. What is CPU? List its main sections.
5. Write the function of CU and ALU.
6. What is input device? List any two examples.
7. What is output device? Write with examples.
8. Write down the main units of the computer system
9. Draw a block diagram of the computer system.
10. Mention the functions performed by ALU.
11. Draw a block diagram of the computer system.
12. Mention the functions performed by ALU.
13. Define CPU with two major sections of it.
14. Differentiate between input unit and output unit.

Chapter 4 : Computer Hardware

1. What is computer hardware? List its example.
2. Write the main function of input unit/devices.
3. What is the main function of Output unit/Device?
4. What do you mean by softcopy output device? Write any two output device associate to softcopy.
5. What do you mean by hardcopy output device? Write any two output device associate to hardcopy.
6. Define Monitor. Write its types.
7. What is Printer. Write its types.
8. Differentiate between impact and nonimpact printer.
9. Define Microprocessor. Write any two design technology.
10. What is Motherboard. Write any four components of motherboard.
11. What is memory? What is the major example classification of computer memory?
12. What is primary memory? What are its types?
13. Differentiate between ROM and RAM.
14. Define Cache memory.
15. What is virtual memory.
16. What is the difference between SRAM and DRAM?
17. What is secondary storage? What are its types?
18. What are magnetic disks? Write with examples.
19. What is optical storage? Write with examples.
20. Differentiate between LCD monitor and CRT monitor.
21. Differentiate Primary and Secondary memory
22. Differentiate Input and Output devices
23. Differentiate Magnetic storage disk and Optical storage
24. Differentiate Hard disk drive and Solid state drive
25. Define Modem ?
26. What do you mean by cloud storage.

Chapter 5 : Computer Software

1. What is Computer software? What are major types of software?
2. What is system software? Write it's any two functions.
3. What is operating system? Write it's any two functions.
4. Define single user operating system with example.
5. Define multi user operating system with example.
6. What is application software? What are its two examples?
7. Distinguish between package software and tailored software.
8. What is desktop application. Write any two examples.
9. What is Web Application? Write any two examples.
10. What is utility software? Name any two utility programs.
11. What is language processor (translator)? Write examples.
12. Differentiate between complier and interpreter.
13. What is open source software? Write two examples.
14. What is proprietary software? Write two examples.
15. Distinguish between system software and application software.
16. List the advantages of open-source software over proprietary software.

Chapter 6 : Working with Graphics

1. Define computer graphics. Name some graphics software.
2. List some of the uses of computer graphics.
3. What do you mean by photo editing software? List some photo editing software.
4. What are the application areas of Computer Graphics?
5. Mention the list of different image file formats.
6. What is a pixel?

Chapter 7 : Internet Technology

1. What is search engine? Write any two example.
2. What is the Web Browser? Name any four web browsers.
3. What is Cloud computing? List any 2 service providers of cloud computing.
4. What is DNS.
5. What is homepage?
6. What is URL?
7. Define web page and website.
8. What do you mean by WWW?
9. Define the term "Internet Technology".
10. What is the purpose of the web server? Give any two examples of web server applications.
11. What is netiquette? Write any four netiquette rules.
12. What is cloud computing?
13. Write any four advantages of cloud computing.

Chapter 8 : Webpage Designing: HTML

1. What is HTML? Write its importance in the Internet.
2. Define HTML Tags. Write its type.
3. What is container tag? List any four empty tags.
4. What is empty tag? List any four container tags.
5. What is attribute ?
6. Write a basic structure of HTML document.

7. Define CSS? List the different ways of using CSS in HTML document.
8. What is hyperlink? Write its importance.
9. What is the use of table tag in HTML document?
10. What is the use of MARQUEE tag?
11. What are the different types of lists used in HTML?
12. What is CSS?
13. What are the advantages of using CSS?
14. What are the components of a CSS Style?
15. How is the FONT tag used? What are its attributes?
16. Name the tags for breaking paragraph and line.
17. What are the different input types?

Chapter 9 : Program and Programming Language

1. What is Computer Program?
2. Define programming.
3. What is a programming language? Explain with its types.
4. What are the language processors?
5. What is Machine level language?
6. What is High level language?
7. What is Assembly Level language?
8. List any four high level programming language.
9. Differentiate between Compiler and Interpreter.
10. What is PDLC? Explain the various phases involved in PDLC.
11. Define bugs? Write its type.
12. What is debugging ?

Chapter 10 : Programming Tools

1. What do you mean by programming tools? Give some examples of programming tools.
2. What is an algorithm? List the characteristics of algorithm.
3. What is a flowchart? List the common symbols of flowchart with their function.
4. List the advantages of the flowchart

Chapter 11,12,13,14 QBASIC |

1. What is QBASIC character set?
2. Differentiate between reserved word and user-defined word.
3. Define constant. List its types.
4. What is a variable in QBASIC? Why is it needed in programming?
5. Mention the rules for naming variables.
6. Define a symbolic constant.
7. List the different types of numeric variables and describe briefly each of them.
8. What are implicit and explicit declarations of variables? How are they declared in QBASIC?
9. What is the operator? List the different operators that can be used in QBASIC.
10. What are the arithmetic operators? List their operations.
11. What are the relational operators? List their operations.
12. What are the logical operators? List their operations.
13. Define AND operator. Write down the truth table of AND operator.
14. Define OR operator. Write down the truth table of OR operator.
15. What is an expression? List its types
16. What is control structure?
17. Define branching statement with its types.

18. What is looping? List the standard looping statements of QBASIC.
19. What is nested loop?
20. What is a function? Mention its types.
21. What are library functions? List the functions available in QBASIC library.
22. Differentiate between library function and user-defined function
23. What is an array? Write down its advantages.
24. Differentiate between one-dimensional and two-dimensional array.