Department of Computer Science

Multiple choice questions

1. Which of the following is a global network of interconnected computer networks?

a) Intranet

b) World Wide Web

c) Internet

d) Extranet

1. Which service allows users to send and receive electronic messages?

a) FTP

b) Email

c) Telnet

d) Usenet

1. What does WWW stand for?

a) Wide World Web

b) World Wide Web

c) Web Wide World

d) Wireless World Web

1. Which of the following is a positive impact of computers on society?

a) Increased social isolation

b) Job displacement

c) Improved communication

d) Cybercrime

1. The term "digital divide" refers to:

a) The gap between urban and rural areas

b) The gap between those who have access to computers and the Internet and those who do not

c) The difference between hardware and software

d) The speed of internet connections

1. Which of the following is an ethical issue related to computer use?

a) Hardware malfunction

b) Software updates

c) Intellectual property rights

d) Data entry errors

1. What is Computer Ethics?

a) A set of laws governing computer use

b) A branch of philosophy dealing with moral problems related to computer technology

c) A type of computer virus

d) A programming language

1. Which step is typically the FIRST in the problem-solving process using a computer?

a) Coding

b) Testing

c) Defining the problem

d) Debugging

1. An algorithm is a:

a) Computer program

b) Set of step-by-step instructions

c) Hardware component

d) Type of data

1. What is the purpose of pseudocode?

a) To write machine code

b) To execute a program

c) To represent an algorithm in a human-readable format

d) To create a user interface

1. Which of the following is a binary digit?

a) 2

b) 1

c) A

d) 10

1. What is a bit?

a) A group of 8 bytes

b) A single binary digit

c) A type of computer memory

d) A programming language

1. What is a byte?

a) A single binary digit

b) A group of 8 bits

c) A type of storage device

d) A unit of data representing a character

1. Which of the following represents the largest unit of data?

a) Kilobyte (KB)

b) Megabyte (MB)

c) Gigabyte (GB)

d) Terabyte (TB)

1. Which component is considered the "brain" of the computer?

a) Memory

b) Input devices

c) Central Processing Unit (CPU)

d) Output devices

1. Which type of memory is volatile?

a) ROM

b) RAM

c) Hard disk

d) Flash drive

1. Which of the following is an example of an input device?

a) Monitor

b) Printer

c) Keyboard

d) Speaker

1. Which of the following is an example of an output device?

a) Mouse

b) Scanner

c) Plotter

d) Touchpad

1. What is an operating system?

a) A type of application software

b) A set of programs that manage computer hardware and software resources

c) A programming language

d) A utility program

1. Which of the following is NOT a function of an operating system?

a) Memory management

b) File management

c) Virus creation

d) Process management

1. Which of the following is an application area of computers in education?

a) Weather forecasting

b) Online learning

c) Medical diagnosis

d) Traffic control

1. In which area are computers used for financial transactions?

a) Healthcare

b) Banking

c) Transportation

d) Entertainment

1. Which application area involves using computers to create visual effects and animations?

a) Engineering

b) Art and design

c) Telecommunications

d) Agriculture

1. Which of the following is a key characteristic of a computer?

a) Slow processing speed

b) Inaccuracy

c) Versatility

d) Limited storage capacity

1. Who is considered the "father" of the modern computer?

a) Bill Gates

b) Charles Babbage

c) Alan Turing

d) Steve Jobs

1. What was the first electronic digital computer called?

a) UNIVAC

b) ENIAC

c) MARK I

d) Z1

1. Which generation of computers used vacuum tubes?

a) First

b) Second

c) Third

d) Fourth

1. Which generation of computers is associated with integrated circuits?

a) First

b) Second

c) Third

d) Fourth

1. Which generation of computers saw the emergence of the microprocessor?

a) First

b) Second

c) Third

d) Fourth

1. Which generation of computers are we currently in?

a) Third

b) Fourth

c) Fifth

d) Sixth