AMBITION ACADEMY

Model Question

Computer Science   **Grade XI**

SET A

Group A Attempt all Questions (1x9=9)

Choose the correct answers.

1) Gutter margin is a
   a) margin that is added to right margin when printing
   b) margin that is added to the left margin when printing
   c) margin that is added to the binding side of page when printing
   d) margin that is added to the outside of the page when printing
2) in office package, Ctrl + s is used to
   a) save
   b) size
   c) scenarios
   d) spelling check
3) .... are harmful from computer.
   a) viruses
   b) worms
   c) time bombs
   d) all of above
4) which of the following is not an OS?
   a) DOS
   b) minx
   c) Windows
   d) Oracle
5) A user interface that is easy to use is considered to be
   a) user- simple
   b) user-easy
   c) user-friendly
   d) user happy
6) .... protocol provides e-mail facility among different hosts
   a) FTP
   b) SNMP
   c) TELNET
   d) SMTP
7) In Excel, a formula in cell starts with
   a) $
   b) @
   c) +
   d) =

8) CSS stands for
   a) cascade style sheet
   b) cascading style sheet
   c) color style sheet
   d) none of above
9) an error is also known as
   a) worm
   b) debug
   c) Bug
   d) none of above

Group B Attempt any five (5x5= 25)
1. Subtract $(1001)_2$ from $(1101)_2$ using 1's and 2's complement method
2. Convert $(8B1)_{16}$ to $(?)_8$
3. Write a program to check if a string is palindrome or not
4. Give your thoughts on cyber crime and how to prevent it.
5. what are functions in C? describe different types of functions.

Group C Attempt any two (2x8=16)

1. What is a computer system. how can it be used in todays world?
2. Classify OS on the basis of operation

Group A Attempt all Questions (1x9=9)

Choose the correct answers.

1) A ...... is a named location on a disk where files are stored
   i) path
   ii) folder
   iii) version
   iv) none of above
2) which of the following memory is non-volatile
   i) SRAM
   ii) ROM
   iii) DRAM
   iv) Cache
3) world wide web is being standard by
   i) W3C
   ii) World Wide Consortium
   iii) World Wide Web Standard
   iv) World Wide Corporation
4) GUI stands for
   i) Graphic User interface
   ii) Graph use interface
   iii) Graphical user interface
   iv) Graphical unique Interface
5) the 0 and 1 in the binary numbering system are called
   i) bits
   ii) binary digits
   iii) both a and b
   iv) bytes
6) .... memory is programmed at the time it is manufactured
   i) RAM
   ii) ROM
   iii) PROM
   iv) EPROM
7) A list of instruction used by a computer is called a
   i) algorithm
   ii) flowchart
   iii) program
   iv) text
8) Ctrl + E is a shortcut key to .... the text
   i) right align
   ii) left align
   iii) center align
   iv) edit
9) graphical picture that represent an object like file, folder etc are known as

i) Windows
ii) desktop
iii) icons
iv) taskbar

Group B Attempt any five (5x5= 25)

1. Subtract $(1011)_2$ from $(1000)_2$ using 1's and 2's complement method
2. Convert $(702)_8$ to $(?)_{16}$
3. Write a program to input a two digit number and show all the prime numbers less than it.
4. Differentiate between public key and private key cryptography
5. List and explain the fields of multimedia.

Group C Attempt any two (2x8=16)

1. Differentiate between
   a) system software and application software
   b) primary memory and secondary memory
2. What is a microprocessor? what are its function and explain its components.

<center>**MCQ**</center>

Tick (√) the correct answer.

1) Which of the following is not input device

   a) MICR   b)scanner   c)OCR   d)plotter

2) Which is not component of processing :

   a) ALU   b).CU   c) Register   d) Cache Memory

3) **The basic operations performed by a computer are**

   A) Arithmetic operation

   B) Logical operation

   C) Storage and relative

   D) All the above

4) Which one is the Non-Impact printer?

   A) Daisy Wheel

   B) Dot Matrix printer

   C) Line Printer

   D) Ink Jet Printer

5) Base of octal number system is:

   A) 2

   B) 8

   C) 0

   D) Both B) and C)

6) Decimal conversion of Binary value 1011 is

   A) 11

   B) 8

   C) 9

   D) 15

7) The tool used to find a similar word in a document is called:

   (A) Finder

   (B) Thesaurus

   (C) Dictionary

   (D) Find and Replace

8) Which type of program the Microsoft PowerPoint is?

   (A) Calculating

   (B) Presentation

   (C) Graphical

   (D) None of these

9) The intersection of a column and a row on a worksheet called?

A) Column
B) Row
C) Cell
D) Address Bar