Election Vacation Homework (Computer Science)

Attempt all the questions

Group A

Multiple Choice Questions (1×9=9)

1. The second generation of computer use---------as major technology.
   a. Vacuum tube   b. Transistor   c. IC   d. All of above
2. Any data or instruction entered into the memory of a computer is considered as
   a. Storage   b. Output   c. Input   d. Information
3. Which of the following is NOT a bus type?
   a. Control bus   b. Memory bus   c. Address bus   d. Data bus
4. Which of the following memory is non volatile ?
   a. RAM   b. cache   c. Hard disk   d. buffer
5. Which one of the following is an output device ?
   a. Scanner   b. MICR   c. Mouse   d. monitor
6. The pathway through which transmit of data from one memory location to other occurs is called ……….
   a. Address bus   b. Control bus
   c. Data bus   d. None of the above
7. The number which base or radix 16 is called------------------
   a. Binary   b. Octal   c. Decimal   d. Hexadecimal
8. 1 Gigabyte is equal to -------------
   a. 1000 Byte   b. 512MB
   c. 1024 MB   d. None of them
9. Which one of the following is an output device ?
   a. Speaker   b. Keyboard   c. Mouse   d. Camera

Group B

Short Question Answers (5×5=25)

10. Explain different characteristics of the computer system.

OR

What is Memory? Differentiate between SRAM and DRAM.

11. Define Octal and hexadecimal number system. Convert $(754)_8$ into equivalent decimal number and $(987)_{10}$ into equivalent hexa number system .

OR

What is CPU?.Explain the functions of CPU.

12. What is mobile computing? Explain the characteristics of mobile computing devices.

13. Explain the types of computer on the basis of size.

OR

What is input device? Explain any three input devices.

14. What is Bus system ? Explain its type with block diagram.

Group C

Long Question Answers (8×2=16)

15. What is Computer Architecture? Draw a block diagram of computer system and explain each component in details.

16. What do you mean by generation of computer?.Explain with major features in detail.

OR

What is Computer? Explain the different application area of computer system.

The End

Election Vacation Homework (Computer Science)

Group A

Multiple Choice Questions (1×9=9)

1. The third generation of computer use--------as major technology.
   a. Vacuum tube   b. Transistor   c. IC   d. All of above
2. What of the following is the main components of computer system?
   a. CPU, Input unit, Output Unit, Memory Unit
   b. CPU, Memory, System bus, Input, Output, Pendrive
   c. Modem, Keyboard, Word Processor, Printer, Screen
   d. Memory, Video Card, Monitor, Software, Hardware.
3. Which of the following is NOT a bus type?
   a. Control bus   b. Memory bus   c. Address bus   d. Data bus
4. Which of the following Gates takes single input and gives single output?
   a. OR   b. AND   c. NOT   d. NAND
5. 1's Complement of 1101 is ….
   a. 0010   b. 0101   c. 1010   d. 1100
6. The pathway through which transmit of data from one memory location to other occurs is called ……….
   a. Address bus   b. Control bus
   c. Data bus   d. None of the above
7. The number which base or radix 8 is called-----------------
   a. Binary number system
   b. Octal number system
   c. Decimal number system

8. 1 Kilobyte is equal to -------------
   a. 1000 Byte   b. 1 Bit   c. 1024 Byte   d. All of above
9. Which one of the following is an output device ?
   a. Speaker   b. Keyboard   c. Mouse   d. Camera

Group B

Short Question Answers (5×5=25)

11 Explain characteristics of the computer.

Or

Define binary and decimal number system. Perform 1101-101 by using 1's and 2's complement method.

11. Define Octal number system and hexadecimal number system. Convert $(7132)_8$ into equivalent hexadecimal and $(32C)_{16}$ into equivalent octal.

OR

What are the advantages and disadvantages of computer. Explain.

12. Explain mobile computing with its advantages and disadvantages.
13. Define the computer on the basis of size.

OR

Write a feature of MS-Word.write a steps of to create macro in MS-word.

14. What is system Bus ? Explain its type.

Group C

Long Question Answers (8×2=16)

15. Describe the application area of computer any eight of them.
16. Write a feature of 1st, 2nd, 3rd and 4rth generation of computer.

OR

What is Computer System? Draw a block diagram of computer system and explain each component in details.

The End