



ST. LAWRENCE HIGH SCHOOL

27, BALLYGUNGE CIRCULAR ROAD

**Class : 11****Subject : COMPUTER APPLICATION****Term : FIRST TERM****Max Marks : 60****Q 1 :** Punched card was an _____ device.**Marks : 1**

- 1 . Input
- 2 . Output
- 3 . Memory
- 4 . None of these

 (This Answer is Correct)**Q 2 :** This is the process of gathering information from human beings by recognizing marks on a document:**Marks : 1**

- 1 . Microphone
- 2 . OCR
- 3 . OMR
- 4 . Joystick

 (This Answer is Correct)**Q 3 :** This act like a supervisory unit in the CPU & is responsible for issuing control instruction:**Marks : 1**

- 1 . CU
- 2 . ALU
- 3 . ROM
- 4 . RAM

 (This Answer is Correct)**Q 4 :** In which generation of computers, Integrated Circuits(IC) instead of transistors were used?**Marks : 1**

- 1 . First
- 2 . Second
- 3 . Third
- 4 . Fourth

 (This Answer is Correct)**Q 5 :** Which generation of computer is based on the concept of parallel processing and artificial intelligence?**Marks : 1**

- 1 . Second
- 2 . First
- 3 . Fifth
- 4 . Third

 (This Answer is Correct)

Q 6 : _____ is a set of programs and related data that are used to give instructions to the hardware. **Marks : 1**

1 . Software (This Answer is Correct)

2 . Hardware

3 . Programming Language

4 . User

Q 7 : 0s and 1s belongs to _____ language. **Marks : 1**

1 . High-level language

2 . Binary Language (This Answer is Correct)

3 . Assembly Language

4 . All of these

Q 8 : The decimal equivalent of the octal number $(645)_8$ is _____. **Marks : 1**

1 . 450

2 . 451

3 . 421 (This Answer is Correct)

4 . 501

Q 9 : The result obtained on binary multiplication of 100×011 is _____. **Marks : 1**

1 . 1111

2 . 1010

3 . 1100 (This Answer is Correct)

4 . 1011

Q 10 : 2s complement of 1000011 is _____. **Marks : 1**

1 . 111101` (This Answer is Correct)

2 . 1001011

3 . 111100

4 . 1011011

Q 11 : Perform binary addition of $1101 + 0010$ **Marks : 1**

1 . 1110

2 . 1111 (This Answer is Correct)

3 . 111

4 . 11101

Q 12 : Convert (22)₈ into its corresponding decimal number.

Marks : 1

- 1 . 28
- 2 . 18
- 3 . 81
- 4 . 82

(This Answer is Correct)

Q 13 : Convert the binary equivalent 10101 to its decimal equivalent.

Marks : 1

- 1 . 21
- 2 . 12
- 3 . 31
- 4 . 22

(This Answer is Correct)

Q 14 : Convert the binary equivalent 10001 to its decimal equivalent.

Marks : 1

- 1 . 16
- 2 . 15
- 3 . 17
- 4 . 18

(This Answer is Correct)

Q 15 : Convert the binary equivalent 11001 to its decimal equivalent.

Marks : 1

- 1 . 52
- 2 . 25
- 3 . 24
- 4 . 0

(This Answer is Correct)

Q 16 : The binary equivalent of the decimal number 34 is _____

Marks : 1

- 1 . 100010
- 2 . 111010
- 3 . 111100
- 4 . 101010

(This Answer is Correct)

Q 17 : What is probably the oldest counting machine?

Marks : 1

- 1 . Abacus
- 2 . Napier's Bone
- 3 . Pascaline
- 4 . Difference Engine

(This Answer is Correct)

Q 18 : Who is regarded as the father of modern digital computers? **Marks : 1**

- 1 . Abacus
- 2 . John Napier
- 3 . Blaise Pascal
- 4 . Charles Babbage** (This Answer is Correct)

Q 19 : Who invented Stepped Reckoner? **Marks : 1**

- 1 . Gottfried Wilhelm von Leibnitz** (This Answer is Correct)
- 2 . Semen Korsakov
- 3 . Herman Hollerith
- 4 . Joseph Marie Jacquard

Q 20 : The machines developed during the first generation era: **Marks : 1**

- 1 . UNIVAC
- 2 . ENIAC
- 3 . both UNIVAC & ENIAC** (This Answer is Correct)
- 4 . None of these

Q 21 : A collection of facts or raw materials: **Marks : 1**

- 1 . Data** (This Answer is Correct)
- 2 . Information
- 3 . Note
- 4 . None of these

Q 22 : This can be used to directly input audio signals like voice or music into the computer with the help of specific software: **Marks : 1**

- 1 . Microphone** (This Answer is Correct)
- 2 . OCR
- 3 . OMR
- 4 . None of these

Q 23 : This is an electronic device which can capture images from physical items and convert them into digital formats: **Marks : 1**

- 1 . Microphone
- 2 . Scanner** (This Answer is Correct)
- 3 . OMR

4 . Joystick

Q 24 : MICR stands for:

Marks : 1

- 1 . Magnetic Ink Character Reader
- 2 . Magnetic Ink Character Repeater
- 3 . Magnetic Input Character Reader
- 4 . Matrix Ink Character Reader

(This Answer is Correct)

Q 25 : In _____ printers the images produced on a paper by some electromechanical impact device:

Marks : 1

- 1 . light
- 2 . impact
- 3 . non-impact
- 4 . forced

(This Answer is Correct)

Q 26 : These are used for printing engineering drawings like building plans, mechanical drawings, assembly drawings etc.:

Marks : 1

- 1 . Printers
- 2 . Scanners
- 3 . Drafters
- 4 . Plotters

(This Answer is Correct)

Q 27 : The CPU also contains a set of _____ registers to temporarily store instruction & data during processing:

Marks : 1

- 1 . processing
- 2 . input
- 3 . output
- 4 . memory

(This Answer is Correct)

Q 28 : CU stands for:

Marks : 1

- 1 . Control Unit
- 2 . Carry Unit
- 3 . Compressing Unit
- 4 . None of these

(This Answer is Correct)

Q 29 : Which of the following coordinates various operations using timing signal?

Marks : 1

- 1 . CU

(This Answer is Correct)

2. ALU
 3. ROM
 4. RAM
-

Q 30 : Machine independent high level programming languages were introduced in which generation of computers? **Marks : 1**

1. First
- 2. Second**
3. Third
4. Fourth

(This Answer is Correct)

Q 31 : Which technology were used in first generation computers? **Marks : 1**

- 1. Vacuum tubes**
2. Transistors
3. ICs
4. Microprocessor

(This Answer is Correct)

Q 32 : This is a communication system that transfers data between components inside a computer, or between computers.: **Marks : 1**

1. Wire
2. CD
- 3. Bus**
4. None of these

(This Answer is Correct)

Q 33 : This bus carries control signals from the processor to other components: **Marks : 1**

1. address
- 2. control**
3. data
4. None of these

(This Answer is Correct)

Q 34 : These media refers to discs that are read by a laser: **Marks : 1**

1. Magnetic
 - 2. Optical**
 3. Flash
 4. None of these
-

(This Answer is Correct)

Q 35 : It acts as a buffer between the CPU and the main memory:

Marks : 1

1. ROM
2. RAM
3. Cache memory
4. None of these

(This Answer is Correct)

Q 36 : Which of the following statement is correct about floppy disk:

Marks : 1

1. It is used nowadays in a large scale
2. It has a much higher storage capacity
3. This is another type of Single Access Processing Device
4. It has been replaced by high capacity flash drives

(This Answer is Correct)

Q 37 : What is the only language that a computer understands directly?

Marks : 1

1. English
2. Hindi
3. Machine language
4. Assembly Language

(This Answer is Correct)

Q 38 : _____ translates entire source code in one go.

Marks : 1

1. Assembler
2. Compiler
3. Interpreter
4. Debugger

(This Answer is Correct)

Q 39 : Which of the following is designed to control the operations of a computer?

Marks : 1

1. Application Software
2. System Software
3. Utility Software
4. All of these

(This Answer is Correct)

Q 40 : Example(s) of system software:

Marks : 1

1. Operating System
2. Compiler
3. Device Manager
4. All of these

(This Answer is Correct)

Q 41 : _____ serves as an interface between the user and the hardware.

Marks : 1

- 1 . Operating System
- 2 . Compiler
- 3 . Device Manager
- 4 . All of these

(This Answer is Correct)

Q 42 : The execution of compiler compared to interpreter is _____.

Marks : 1

- 1 . Slower
- 2 . Faster
- 3 . Remains the same
- 4 . None of these

(This Answer is Correct)

Q 43 : Which among the following is used to translate assembly code?

Marks : 1

- 1 . Assembler
- 2 . Compiler
- 3 . Interpreter
- 4 . Debugger

(This Answer is Correct)

Q 44 : If the decimal number is a fraction then its binary equivalent is obtained by _____ the number continuously by 2.

Marks : 1

- 1 . Dividing
- 2 . Multiplying
- 3 . Adding
- 4 . Subtracting

(This Answer is Correct)

Q 45 : The largest two digit hexadecimal number is _____

Marks : 1

- 1 . FD
- 2 . FE
- 3 . EF
- 4 . FF

(This Answer is Correct)

Q 46 : Convert the hexadecimal number (1E2)₁₆ to decimal:

Marks : 1

- 1 . 480
- 2 . 481
- 3 . 482
- 4 . 483

(This Answer is Correct)

Q 47 : The value of base in a decimal number system is _____

Marks : 1

1. 2
2. 8
- 3. 10**
4. 16

(This Answer is Correct)

Q 48 : What is the 1s complement of 101101?

Marks : 1

1. 101001
- 2. 10010**
3. 111101
4. 111111

(This Answer is Correct)

Q 49 : 2s complement of 0101 is _____.

Marks : 1

1. 1010
- 2. 1011**
3. 1000
4. 1001

(This Answer is Correct)

Q 50 : What could be the maximum value of a single digit in an octal number system?

Marks : 1

1. 8
2. 6
- 3. 7**
4. 5

(This Answer is Correct)

Q 51 : Which of the following is not a positional number system?

Marks : 1

- 1. Roman Number System**
2. Octal Number System
3. Binary Number System
4. Hexadecimal Number System

(This Answer is Correct)

Q 52 : The binary equivalent of the decimal number 10 is _____

Marks : 1

1. 10
2. 100
3. 101
- 4. 1010**

(This Answer is Correct)

Q 53 : ENIAC stands for _____.

Marks : 1

- 1 . Electronic Numerical Integrator And Computer
- 2 . Electronic Numerical Integrator And Calculator
- 3 . Electronic Numerical Integrator Automatic Computer
- 4 . Electronic Numerical Integrator Automatic Calculator

(This Answer is Correct)

Q 54 : These devices present processed data to the user:

Marks : 1

- 1 . Output
- 2 . Input
- 3 . Processing
- 4 . None of these

(This Answer is Correct)

Q 55 : The year 2020 belongs to _____ generation of computers.

Marks : 1

- 1 . Fifth
- 2 . Second
- 3 . Third
- 4 . Fourth

(This Answer is Correct)

Q 56 : USB stands for:

Marks : 1

- 1 . Universal Serial Bus
- 2 . Uniform Serial Bus
- 3 . Universal Serial Buffer
- 4 . None of these

(This Answer is Correct)

Q 57 : _____ uses mnemonics to create instructions for computer.

Marks : 1

- 1 . High-level language
- 2 . Binary Language
- 3 . Assembly Language
- 4 . All of these

(This Answer is Correct)

Q 58 : Operating Systems will allocate sections of RAM to the processes as part of

Marks : 1

- 1 . Processor Management
- 2 . Device Management
- 3 . File Management
- 4 . memory management

(This Answer is Correct)

Q 59 : Perform binary addition: $101101 + 011011$

Marks : 1

- 1 . 11010
- 2 . 1010100
- 3 . 101110
- 4 . 1001000

(This Answer is Correct)

Q 60 : The decimal equivalent of the binary number $(1011.011)_2$ is _____.

Marks : 1

- 1 . 11.375
- 2 . 10.123
- 3 . 11.175
- 4 . 9.23

(This Answer is Correct)
