



ST. LAWRENCE HIGH SCHOOL

27, BALLYGUNGE CIRCULAR ROAD

**Class : 11****Subject : COMPUTER
SCIENCE****Term : FIRST TERM****Max Marks : 60****Q 1 :** Which of the following is capable of recognizing a pre-specified type of mark by pencil or pen?**Marks : 1**

- 1 . OMR
- 2 . Winchester
- 3 . Bar code reader
- 4 . Image Scanner

 (This Answer is Correct)**Q 2 :** The OCR recognises the _____ of the characters with the help of light source.**Marks : 1**

- 1 . size
- 2 . shape
- 3 . colour
- 4 . used ink

 (This Answer is Correct)**Q 3 :** The expression for Absorption law is given by _____**Marks : 1**

- 1 . $A + AB = A$
- 2 . $A + AB = B$
- 3 . $AB + AA' = A$
- 4 . $A + B = B + A$

 (This Answer is Correct)**Q 4 :** The boolean function $A + BC$ is a reduced form of _____**Marks : 1**

- 1 . $AB + BC$
- 2 . $(A + B)(A + C)$
- 3 . $A'B + AB'C$
- 4 . $(A + C)B$

 (This Answer is Correct)**Q 5 :** Which among the following is not an example of operating system?**Marks : 1**

- 1 . MS Windows
- 2 . Linux
- 3 . MS Paint
- 4 . Ubuntu

 (This Answer is Correct)

Q 6 : Dividing tasks so that the Operating System appears to multitask is dealt under: **Marks : 1**

1 . Processor Management (This Answer is Correct)

2 . File Management

3 . Peripheral Management

4 . Memory Management

Q 7 : _____ translates entire source code in one go **Marks : 1**

1 . Assembler

2 . Compiler (This Answer is Correct)

3 . Interpreter

4 . Debugger

Q 8 : Which among the following is similar to English language? **Marks : 1**

1 . High-level language (This Answer is Correct)

2 . Binary language

3 . Assembly language

4 . All of these

Q 9 : Von Neumann architecture is based on: **Marks : 1**

1 . Stored program (This Answer is Correct)

2 . Fixed program

3 . Both Stored program and Fixed program

4 . None of these

Q 10 : What was the name of first computer designed by Charles Babbage? **Marks : 1**

1 . Analytical Engine (This Answer is Correct)

2 . EDVAC

3 . Colossus

4 . ENIAC

Q 11 : Which of these transfers data between components inside a computer? **Marks : 1**

1 . RAM

2 . ROM

3 . Buses (This Answer is Correct)

4 . None of these

Q 12 : Spool puts data into a _____ working area so it can be accessed and processed by another program or resource. **Marks :** 1

1 . Temporary (This Answer is Correct)

2 . Permanent

3 . Virtual

4 . None of these

Q 13 : Which generation of computers are capable of being a Knowledge Information Processing System? **Marks :** 1

1 . First

2 . Fifth (This Answer is Correct)

3 . Third

4 . Second

Q 14 : The type of operating system that allows many users to take the advantage of computer's resources simultaneously. **Marks :** 1

1 . multi-tasking

2 . multi-user (This Answer is Correct)

3 . single-user

4 . none of these

Q 15 : Examples of multi-processing OS: **Marks :** 1

1 . Linux

2 . UNIX

3 . Windows 7

4 . All of these (This Answer is Correct)

Q 16 : The tracks on a disk which can be accessed without repositioning the R/W heads is: **Marks :** 1

1 . Surface

2 . Cylinder (This Answer is Correct)

3 . Cluster

4 . All of these

Q 17 : These devices provide a means of communication between a computer and outer world. **Marks :** 1

1 . I/O (This Answer is Correct)

2 . Storage

3 . Compact

4. Drivers

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- Q 18 :** Which of the following is not a point-and-draw device? **Marks : 1**
1. Keypad (This Answer is Correct)
 2. Trackball
 3. Touch screen
 4. Mouse
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- Q 19 :** A device used for video games, flight simulators, training simulators and for controlling industrial robots. **Marks : 1**
1. Mouse
 2. Light pen
 3. Joystick (This Answer is Correct)
 4. Keyboard
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- Q 20 :** _____ is a pointing device which is used to select a displayed menu item or draw pictures on the monitor screen. **Marks : 1**
1. keyboard
 2. light pen (This Answer is Correct)
 3. mouse
 4. OMR
-

- Q 21 :** The pattern of printed lines on most products are called: **Marks : 1**
1. prices
 2. barcode (This Answer is Correct)
 3. scanner
 4. OCR
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- Q 22 :** In boolean algebra, the OR operation is performed by which properties? **Marks : 1**
1. Associative properties
 2. Commutative properties
 3. Distributive properties
 4. All of these (This Answer is Correct)
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- Q 23 :** According to boolean law: $A + 1 = ?$ **Marks : 1**
1. 1 (This Answer is Correct)
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2. A
3. 0
4. A'

Q 24 : Which law states : $A + B = B + A$?

Marks : 1

1. Associative properties
- 2. Commutative properties**
3. Distributive properties
4. All of these

(This Answer is Correct)

Q 25 : $A(A + B) = ?$

Marks : 1

1. AB
2. 1
3. $(1 + AB)$
- 4. A**

(This Answer is Correct)

Q 26 : _____ is a set of programs and related data that are used to give instructions to the hardware.

Marks : 1

- 1. Software**
2. Programming Language
3. Hardware
4. User

(This Answer is Correct)

Q 27 : Which among the following is not an example of utility programs?

Marks : 1

1. Virus scanners
2. Backup software
3. Disk defragmenters
- 4. Operating System**

(This Answer is Correct)

Q 28 : 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. User

(This Answer is Correct)

Q 29 : Examples of system software:

Marks : 1

1. Operating system
2. compiler
3. trace program
4. all of these

(This Answer is Correct)

Q 30 : What is the only language that a computer understands directly?

Marks : 1

1. English
2. BASIC
3. Machine language
4. Assembly language

(This Answer is Correct)

Q 31 : 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 32 : Who is the father of computer?

Marks : 1

1. Charles Newman
2. Charles Babbage
3. Henry Babbage
4. Henry luce

(This Answer is Correct)

Q 33 : _____ was invented by John Napier.

Marks : 1

1. Napier's Bones
2. Punched Cards
3. ABACUS
4. none of these

(This Answer is Correct)

Q 34 : Pascaline was invented by :

Marks : 1

1. Charles Babbage
2. Blaise Pascal
3. Herman Hollerith
4. Joseph Marie Jacquard

(This Answer is Correct)

Q 35 : 1

_____ is a storage allocation scheme in which secondary memory can be addressed as though it were part of main memory. **Marks :**

- 1 . Virtual Memory
- 2 . Temporary RAM
- 3 . Permanent
- 4 . None of these

(This Answer is Correct)

Q 36 : Which generation of computers used vacuum tubes as circuitry?

Marks : 1

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

(This Answer is Correct)

Q 37 : The machines developed during the first generation era:

Marks : 1

- 1 . UNIVAC
- 2 . ENIAC
- 3 . both UNIVAC and ENIAC
- 4 . None of these

(This Answer is Correct)

Q 38 : Which generation of computers generated lot of heat and consumed lot of electricity?

Marks : 1

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

(This Answer is Correct)

Q 39 : MS- DOS is an example of:

Marks : 1

- 1 . Multi-user OS
- 2 . Single-user OS
- 3 . Computer
- 4 . None of these

(This Answer is Correct)

Q 40 : Which among the following is/are function(s) of operating system?

Marks : 1

- 1 . Processor management
- 2 . Device management
- 3 . Memory management
- 4 . All of these

(This Answer is Correct)

Q 41 : This is the innermost layer and is the central controlling part of the Operating System: **Marks : 1**

1. Shell
- 2. Kernel** (This Answer is Correct)
3. Command Line interface
4. none of these

Q 42 : A printer that prints one line at a time and has a predefined set of characters is called : **Marks : 1**

1. Laser
- 2. Drum** (This Answer is Correct)
3. Inkjet
4. Impact

Q 43 : A _____ is an optical scanner that can read printed barcodes, decode the data contained in the barcode and send the data to a computer. **Marks : 1**

- 1. barcode reader** (This Answer is Correct)
2. light pen
3. mouse
4. OMR

Q 44 : They normally interact with the system via user interface provided by the application software. **Marks : 1**

1. Programmers
2. Developers
- 3. Users** (This Answer is Correct)
4. Testers

Q 45 : Operating Systems need to manage system _____. **Marks : 1**

1. Objectives
- 2. Resources** (This Answer is Correct)
3. Electricity
4. Restores

Q 46 : Example of Interpreter: **Marks : 1**

1. Python
2. Javascript
3. Ruby
- 4. All of these** (This Answer is Correct)

Q 47 : _____ 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 48 : Which among the following is NOT an example of compiler?

Marks : 1

- 1 . C++
- 2 . C
- 3 . Python**
- 4 . Java

(This Answer is Correct)

Q 49 : Who invented the punch card?

Marks : 1

- 1 . Charles Babbage
- 2 . Semen Korsakov
- 3 . Herman Hollerith**
- 4 . Joseph Marie Jacquard

(This Answer is Correct)

Q 50 : _____ register keeps tracks of the instructions stored in program stored in memory.

Marks : 1

- 1 . Address Register
- 2 . Program Counter**
- 3 . Index Register
- 4 . Accumulator

(This Answer is Correct)

Q 51 : Because of virtual memory, the memory can be shared among _____

Marks : 1

- 1 . processes**
- 2 . threads
- 3 . instructions
- 4 . None of these

(This Answer is Correct)

Q 52 : Spooling is _____ efficient than buffering.

Marks : 1

- 1 . More**
- 2 . Less
- 3 . Same
- 4 . Cannot be determined

(This Answer is Correct)

Q 53 : Swap space exists in _____

Marks : 1

- 1 . primary memory
- 2 . secondary memory
- 3 . cpu
- 4 . None of these

(This Answer is Correct)

Q 54 : Voice recognition is the achievement of _____ computer generation.

Marks : 1

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

(This Answer is Correct)

Q 55 : In _____ generation Time sharing, Real time, Networks, Distributed Operating System was used.

Marks : 1

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

(This Answer is Correct)

Q 56 : This means interleaved execution of two or more different independent jobs or programs by the same computer:

Marks : 1

- 1 . Multiprogramming OS
- 2 . Mainframe OS
- 3 . Multi-user OS
- 4 . Time sharing OS

(This Answer is Correct)

Q 57 : Operating Systems will allocate sections of RAM to the processes as part of:

Marks : 1

- 1 . Processor Management
- 2 . File Management
- 3 . Peripheral Management
- 4 . Memory Management

(This Answer is Correct)

Q 58 : The size of commonly used floppy disk is:

Marks : 1

- 1 . 4.5"
- 2 . 3.5"
- 3 . 3.25"

(This Answer is Correct)

4 . 5.5"

Q 59 : Which of the following Printers have a speed in the range of 40-300 characters per second?

Marks : 1

- 1 . Inkjet
- 2 . Laser
- 3 . Dot matrix
- 4 . Drum

(This Answer is Correct)

Q 60 : _____ is a device that provides a service to another computer program and its user, also known as the client.

Marks : 1

- 1 . Server
- 2 . Tablet
- 3 . Workstation
- 4 . PDA

(This Answer is Correct)
