

Bloom Computer Olympiad Sample Paper

Maximum Time : 60 Minutes

Maximum Marks : 60

INSTRUCTIONS

1. There are 50 Multiple Choice Questions in this paper divided into two sections.

Section A 40 MCQs; 1 Mark each

Section B 10 MCQs; 2 Marks each

2. Each question has Four Options out of which **ONLY ONE** is correct.

3. All questions are compulsory.

4. There is no negative marking.

5. No electric device capable of storing and displaying visual information such as calculator and mobile is allowed during the course of the exam.

Roll No.

Student's Name

Section-A (1 Mark each)

- The control unit of the computer controls the
 - working of the computer keyboard.
 - flow of electricity within the computer.
 - flow of data in the computer.
 - performance of all arithmetic and logical operations.
- Which was a mechanical computer designed by Charles Babbage?
 - Pasco
 - Difference Pascal
 - Punch Card
 - Analytical Engine
- Which of the following can be used in a micro - computer?



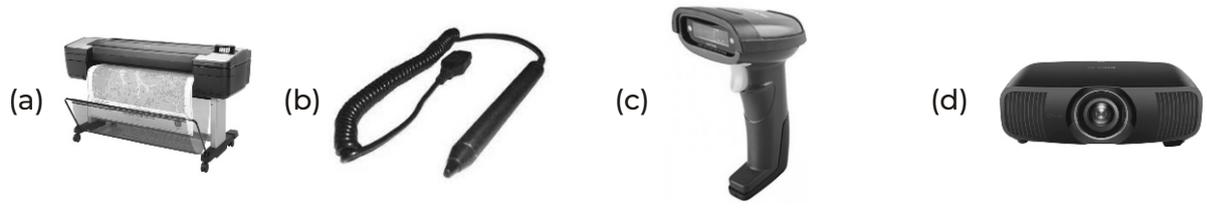
(d) All of these

- Which of the following output devices helps a person to simply type the text and that text will automatically get converted into spoken words?
 - Speech Synthesizer
 - Voice Producer
 - Speech Converter
 - Voice Converter device
- When we say the monitor is 1920 * 1084 pixels, 1920 * 1084 is the
 - number of colors on the monitor
 - size of the monitor
 - resolution of the monitor
 - power consumed by the monitor
- The microprocessor is the brain of the computer and is called a
 - Microchip
 - Microprocessor
 - Micro circuit
 - Calculator
- From which of the following the CPU chip is partially made?
 - Gold
 - Silica
 - Copper
 - Iron
- Which of the following computer languages is written in binary codes only?
 - Pascal
 - Machine language
 - C
 - C#
- A feature of Windows 10 that is used to show only a single window when your desktop is cluttered up with opened windows.
 - Aero Snap
 - Aero Peek
 - Aero Shake
 - Aero Flip
- The first electromechanical machine "Tabulating machine" was invented by
 - John Napier
 - Pascal
 - Howard Aiken
 - Herman Hollerith

- 11.** In a 64-bit machine, what will be the length of each word?
 (a) 4 bytes (b) 8 bytes (c) 12 bytes (d) 16 bytes
- 12.** A set of routines that works closely with the hardware and loads the operating system into the computer's memory is called
 (a) BIOS (b) BIOS (c) BOIP (d) None of these

- 13.** Select the INCORRECT match.
 (a)  - Bulleted List (b)  - Custom List
 (c)  - Numbered List (d)  - Multilevel List

- 14.** Identify the following.
 - It is an input device used to write text on a surface as input to a computer.
 - It can be used with touchscreen devices such as tablet, smartphones.



- 15.** Identify the devices marked as (1) and (2).



- (a) (1) Laser Printer, (2) Dot Matrix Printer
 (b) (1) Dot Matrix Printer, (2) Laser Printer
 (c) Both (1) and (2) are the types of dot matrix printer
 (d) Both (1) and (2) are the types of laser printer

- 16.** Which of the following is true?
 (a) 4 Nibbles - 1 Byte (b) 4 Bytes - 1 Nibble
 (c) 4 Bits - 1 Nibble (d) 4 Nibbles - 1 Bit

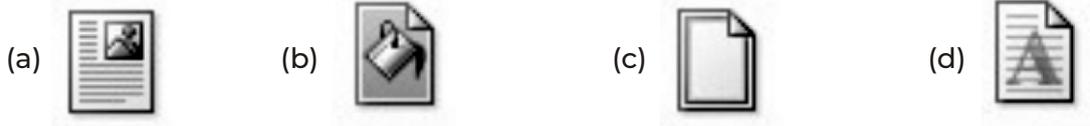
- 17.** The basic operation performed by a computer is
 (a) storage and retrieval operations (b) logic operations
 (c) arithmetic operations (d) All of these

- 18.** are graphical objects used to represent commonly used applications.
 (a) Windows (b) Icons (c) Drivers (d) GUI

- 19.** What is the function of the Operating System?
 (a) Calculation (b) Word processing
 (c) Drawing pictures (d) Process and memory management

- 20.** What steps should be taken, if windows are not updated automatically?
- (a) Start → control panel → settings → add programs → enable automatic update
 - (b) Start → setting → control panel → system → enable automatic updated
 - (c) Re - install Windows OS
 - (d) Restart Windows

- 21.** Which of the following operations allows you to adjust the position of the picture on the page?



- 22.** Text - styling feature of MS Word is

- (a) WordColor
- (b) WordFont
- (c) WordArt
- (d) WordFill

- 23.** Ctrl + Home is used to

- (a) moves cursor to the beginning of document.
- (b) moves the cursor to the beginning of line.
- (c) moves the cursor to the beginning of paragraph.
- (d) All of the above

- 24.** Which chart type displays the data in the form of grid net?

- (a) Pie chart
- (b) Radar chart
- (c) Line chart
- (d) Bubble chart

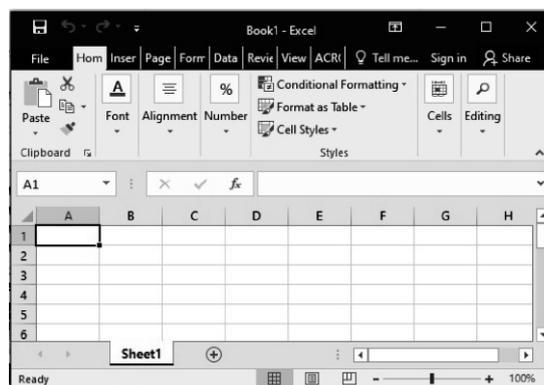
- 25.** Choose the incorrect shortcut key.

- (a) Top of the worksheet → Ctrl + Home
- (b) End of the row → Ctrl + Right Arrow
- (c) One Page up → Page Up
- (d) One Page Down → Ctrl + End

- 26.** What is a workbook?

- (a) Collection of excel files
- (b) Collection cells
- (c) Collection of worksheets
- (d) Collection of rows and columns

- 27.** What does the cell with the arrow mark represent?

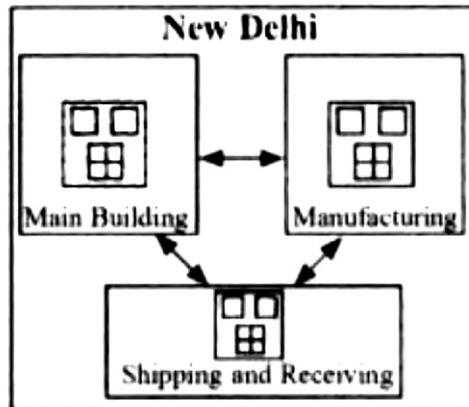


- (a) Sheet Tab
- (b) Cell Pointer
- (c) Active Sheet
- (d) Work Book

36. Which of the following terms is used for flying robot?
 (a) AirRobo (b) RoboWing
 (c) Drone (d) Air - Wing

37. is a non-profit domain.
 (a) .com (b) .in
 (c) .org (d) All of these

38. Which of the following types of network is shown in the given figure?



- (a) LAN (b) MAN
 (c) WAN (d) PAN

39. You need an internet connection to get some information from a website. Which of the following options can provide you internet connectivity?



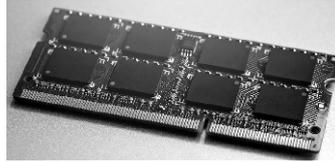
40. The given N-Marked logo is of enabled device.



- (a) CFN (b) NFC
 (c) FNC (d) BBM

Section-A (2 Mark each)

41. Which of the following statements is incorrect about Screen Image Projector?
 (a) It projects information from a computer on a large screen.
 (b) It has become common presentation equipment today.
 (c) It ensures a brighter and detailed image.
 (d) It is an input device.
42. Which of the following statement(s) is/are correct about the given device?



- I. It is a hardware device that allows information to be stored and retrieved on a computer.
 II. It is a primary memory of the computer.
 III. If the computer is turned off, all data contained in it is lost.

Codes

- (a) Only I (b) I and II (c) Only III (d) I, II and III

43. Match the following Lists.

List I	List II
A. End Key	1. Moves the cursor one word left
B. Ctrl + Page Down	2. Moves the cursor end of the line
C. Ctrl + Down Arrow	3. Moves the cursor one page down
D. Ctrl + Left Arrow	4. Moves the cursor one paragraph down

Codes

- | | | | | | | | | |
|-------|---|---|---|-------|---|---|---|---|
| A | B | C | D | | A | B | C | D |
| (a) 2 | 4 | 1 | 3 | (b) 2 | 3 | 4 | 1 | |
| (c) 3 | 4 | 2 | 1 | (d) 3 | 4 | 1 | 2 | |

44. "My name is "Pallavi"" is an invalid string constant. Why? Choose the correct statement?
 (a) It is not enclosed within quotation marks.
 (b) Quotation marks are not allowed inside the string data.
 (c) Closing quotation mark is missing at the end.
 (d) None of the above

45. Study the given QBASIC code carefully and answer the question that follow.

```
CLS
LET b = 4
IF b MOD 2=0 THEN
PRINT "Even Number"
ELSE
PRINT "ODD Number"
```

END IF

- (a) Even Number
- (b) ODD Number
- (c) ODD Number
Even Number
- (d) Even Number
ODD Number

46. Match the following lists.

List I	List II
A. Numbers	1. It is the intersection of rows and columns in MS Excel
B. Cell	2. Columns in an Excel worksheet are labeled
C. 256	3. Rows in an Excel worksheet are labeled
D. English Alphabet	4. number of columns in an MS Excel worksheet

Codes

- | | | | | | | | | | |
|-----|---|---|---|---|-----|---|---|---|---|
| | A | B | C | D | | A | B | C | D |
| (a) | 2 | 3 | 4 | 1 | (b) | 3 | 4 | 1 | 2 |
| (c) | 3 | 1 | 4 | 2 | (d) | 2 | 4 | 1 | 3 |

47. Which of the following statements is CORRECT about GPS?

- I. It is a local navigation satellite system.
- II. It uses satellites to pinpoint locations.
- III. It works during the day time only.

Codes

- (a) Only I (b) Only II (c) Both I and III (d) Both II and III

48. Select the incorrect match.

- (a)  A mobile payment and digital wallet service by Apple Inc for Android running smartphones.

- (b)  A new word processing application by Apple Inc for Macintosh computers.

- (c)  XBOX ONE A home video game console by Sony

- (d)  iCloud An online data storage service by Apple Inc.

- 49.** Which of the following statements hold true about 3D printing?
- I. It is also called additive manufacturing.
 - II. It is the process of making real solid objects from a digital file.

Codes

- (a) Only I
- (b) Only II
- (c) Both I and II
- (d) Neither I nor II

- 50.** Match the following lists.

	List I	List II	
A.		1. It is a predictive text application for mobile phones, developed by Key - Point Technologies.	
B.		2. It is a cloud - based computer file free transfer service, free users can send files upto 2GB.	
C.		3. It is an app provided by Apple services, that integrates handwriting, typing, drawings, audio and pictures.	
D.		4. It is an online e-book e-commerce site. The store had more than 88000 digital titles available.	

Codes

- | | | | | | | | | | |
|-----|---|---|---|---|-----|---|---|---|---|
| | A | B | C | D | | A | B | C | D |
| (a) | 3 | 4 | 1 | 2 | (b) | 3 | 4 | 1 | 2 |
| (c) | 2 | 3 | 4 | 1 | (d) | 3 | 2 | 4 | 1 |

OMR SHEET

1	a	b	c	d	2	a	b	c	d	3	a	b	c	d	4	a	b	c	d
5	a	b	c	d	6	a	b	c	d	7	a	b	c	d	8	a	b	c	d
9	a	b	c	d	10	a	b	c	d	11	a	b	c	d	12	a	b	c	d
13	a	b	c	d	14	a	b	c	d	15	a	b	c	d	16	a	b	c	d
17	a	b	c	d	18	a	b	c	d	19	a	b	c	d	20	a	b	c	d
21	a	b	c	d	22	a	b	c	d	23	a	b	c	d	24	a	b	c	d
25	a	b	c	d	26	a	b	c	d	27	a	b	c	d	28	a	b	c	d
29	a	b	c	d	30	a	b	c	d	31	a	b	c	d	32	a	b	c	d
33	a	b	c	d	34	a	b	c	d	35	a	b	c	d	36	a	b	c	d
37	a	b	c	d	38	a	b	c	d	39	a	b	c	d	40	a	b	c	d
41	a	b	c	d	42	a	b	c	d	43	a	b	c	d	44	a	b	c	d
45	a	b	c	d	46	a	b	c	d	47	a	b	c	d	48	a	b	c	d
49	a	b	c	d	50	a	b	c	d										

Answers

1. (d) performance of all arithmetic and logical operations.
2. (d) Analytical Engine
3. (c) 
4. (a) Speech Synthesizer
5. (c) resolution of the monitor
6. (a) Microchip
7. (b) Silica
8. (b) Machine language
9. (c) Aero Shake
10. (d) Herman Hollerith
11. (b) 8 bytes
12. (d) None of these
13. (d)  - Multilevel List
14. (b) 
15. (a) (1) Laser Printer, (2) Dot Matrix Printer
16. (c) 4 Bits - 1 Nibble
17. (d) All of these
18. (d) GUI

19. (d) Process and memory management
20. (b) Start → setting → control panel → system → enable automatic updated



21. (a)
22. (c) WordArt
23. (a) moves cursor to the beginning of document.
24. (b) Radar chart
25. (d) One Page Down → Ctrl + End
26. (c) Collection of worksheets
27. (b) Cell Pointer
28. (a) Ctrl + Spacebar
29. (b) C3
30. (d) Auto content
31. (b) Format → Background
32. (c) It changes the look of the slide without changing the content.
33. (c) Insert → Movies and sounds → Sound from file
34. (d) All of these
35. (a) M8
36. (c) Drone
37. (c) .org
38. (b) MAN
39. (b)  BSNL
Connecting India
Faster
40. (b) NFC
41. (d) It is an input device.
42. (d) I, II and III
43. (b) A-2, B-3, C-4, D-1
44. (b) Quotation marks are not allowed inside the string data.
45. (a) Even Number
46. (c) A-3, B-1, C-4, D-2
47. (b) Only II
48. (d)  iCloud An online data storage service by Apple Inc.
49. (c) Both I and II
50. (a) A-3, B-4, C-1, D-2