

Please check the examination details below before entering your candidate information

Candidate Name

Class

Section

**BLOOM Computer
Olympiad (BCO)**
Question Paper 2023-24

Class
5

Total Questions **50 + 5** (Tie-Breaking Section)


Total Time Allotted :
60 minutes

Total Marks
60

Instructions

1. There are **50 Multiple Choice Questions** in this booklet having 4 options out of which **ONLY ONE** is correct.
2. There are two sections in the Question Paper; Section 1 having 40 Questions carrying 1 Mark each & Section 2 having 10 Higher Difficulty Order Questions carrying 2 Marks each.
3. All questions are compulsory. There is **NO negative** marking for incorrect answers.
4. Total time allotted to complete the paper is 60 minutes.
5. Please fill in your details in the space provided on this page before attempting the paper.

OMR Sheet Instructions

1. Before starting the paper, fill in all the details in the OMR Sheet.
2. Additional 10 minutes will be provided to fill up the OMR sheet, before the start of the exam.
3. Use HB Pencil to darken the circle of the correct Option in OMR sheet. The correct way to darken the circle in OMR sheet is shown below.

4. Use black or blue ball point pen/HB pencil to fill the information in the OMR sheet. Partially filled OMR sheet will not be checked.
5. Return the OMR sheet to the invigilator after the exam.

CODE #1

Com5

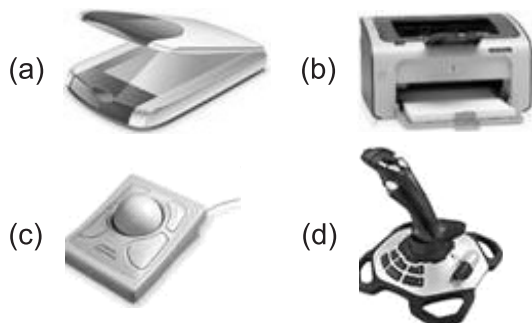


BLOOM CAP
Founded by |  **arihant**

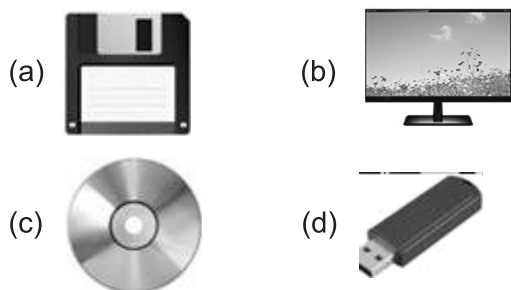
Bloom Computer Olympiad Class 5

Section 1 (1 Mark)

1. A device that transfers real pictures or documents into a computer generated file.



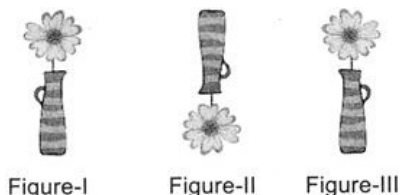
2. Which of the following is not a portable device?



3. What do you understand by streaming media?

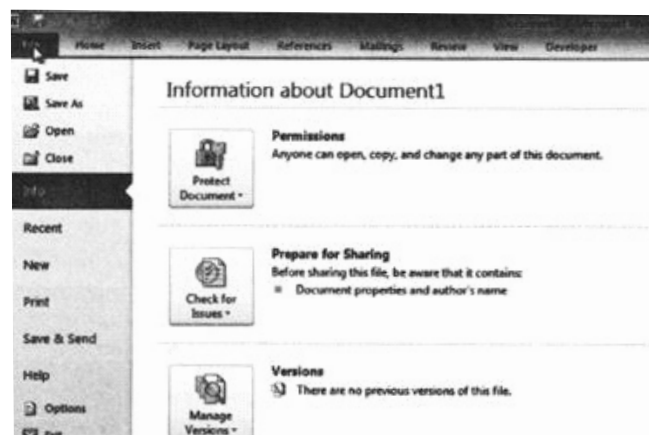
- (a) A type of multimedia that can be played back without being completely downloaded first
- (b) A multimedia file that is created in physical environment with special effects
- (c) Files that can only be played in flash player
- (d) All of the above

4. How do you transform the image given in Figure-I to the one given in Figure-II and then to Figure-III?



- (a) Rotate left 90, Flip horizontal
- (b) Rotate 180, Flip vertical
- (c) Rotate right 90, Flip horizontal
- (d) Rotate left 90, Flip vertical

5. The Backstage view of word document is given. To go back to the document from the Backstage view, click on _____.



- (a) Word
- (b) Exit
- (c) Close
- (d) Any tab on the Ribbon

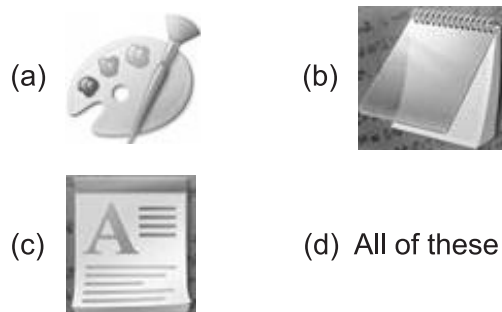
6. Select the correct option for cell address:

- (a) 2512
- (b) A 25
- (c) 911
- (d) 45 Z

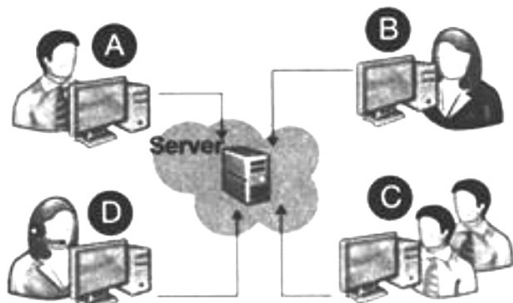
7. A presentation of PowerPoint, the special effects used to introduce slides are known as





- (a) Custom Animation
- (b) Transitions
- (c) Annotations
- (d) None of these

8. Which of the following programs are available by default in Windows operating system?

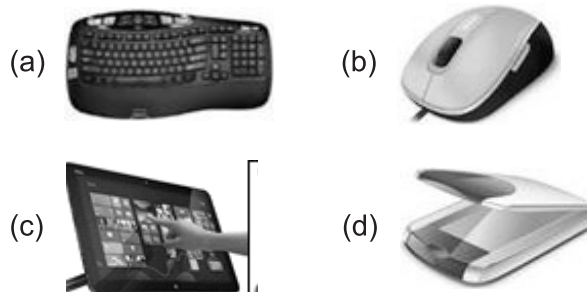


9. A special kind of network is shown in the given image. Here, all the individuals belong to the same organisation and are sharing resources among themselves without letting any unauthorised person from outside world to have any glimpse of their information. Identify it.

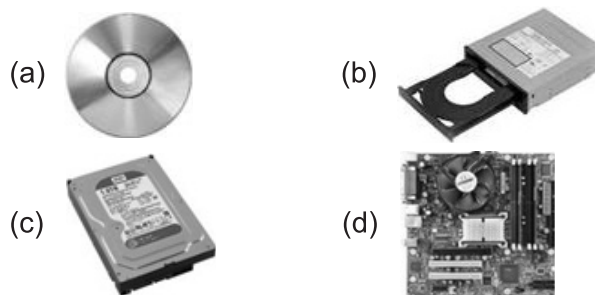


- (a) Arpanet
(b) Ethernet
(c) Teranet
(d) Intranet
10. What is Scratch?
- (a) A type of pencil
(b) A programming language
(c) A board game
(d) A type of computer
11. Find the odd one out.
- (a)  (b) 
(c)  (d) 
12. Which of the following statements is incorrect about GPS (Global Positioning System)?
- (a) It is a space-based satellite navigation system.
(b) It provides location and time information in all weather conditions.
(c) It cannot be used to track the vehicles.
(d) All of the above

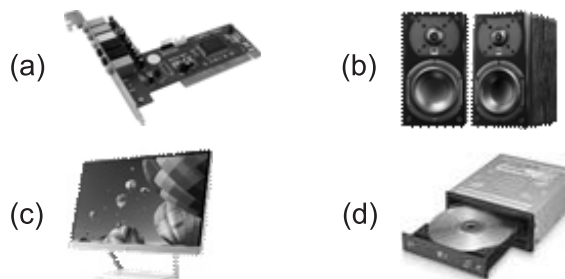
13. Which of the following devices supports the swiping action?



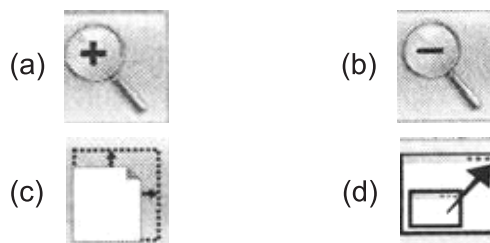
14. Which of the following devices would be needed to use the storage medium shown in the given image?



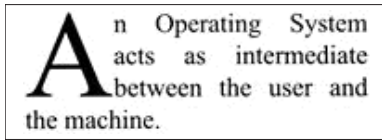
15. Which of the following is a sound card?



16. Which command should you use to bring a Zoomed in or a Zoomed Out image to its original size?


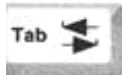










17. Observe the given snapshot and answer the questions that follow:



Which of the following positions of this feature has been represented in the given snapshot?

- (a) None (b) Dropped
(c) In margin (d) Out margin
18. In order to perform a calculation in a spreadsheet, you need to use a:
- (a) Table (b) Formula
(c) Field (d) Label
19. What is the motion path in PowerPoint?
- (a) A path from where the PowerPoint program installed
(b) A method of moving the objects on a slide
(c) Both (a) and (b)
(d) Neither (a) and (b)
20. Raman has opened few programs in Windows 10 and he is switching between them from time to time. Which of the following shortcut keys will let him cycle through the programs on the taskbar in the order they are accessed?

- (a)   
- (b)  
- (c)   
- (d)  

21. Identify the following with respect to networking:

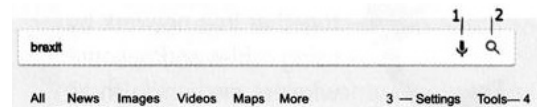
It defines what data is communicated.
It defines how data is communicated.
It defines when data is communicated.

(a) Web Server
(b) Transmission Medium
(c) Protocol
(d) Message

22. What do we use Scratch blocks for?

- (a) Building towers
(b) Creating animations and games
(c) Drawing pictures
(d) Playing music

23. While searching news on Google search engine, you wanted to search only those news articles that were published during past hour. Which of the following options marked as 1, 2, 3 and 4 would help you to do so?

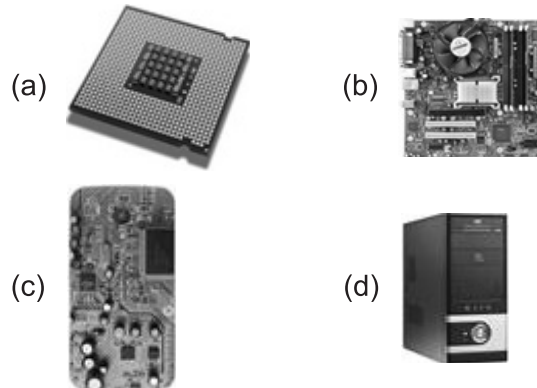


- (a) 1 (b) 2
(c) 3 (d) 4

24. Some smartphones allow the users to use hand motions to perform certain tasks. Such as, a user can answer a call by just waving his hands over the sensor instead of touching the device, as depicted in the diagram. This technology is called _____.

- (a) Passcode (b) Air Blow
(c) Air Gesture (d) Wave Interface

25. Main board and logic board are alternative names of which computer component?



26. Arrange the following in decreasing order of their storage capacity CD-ROM, DVD, Blu-ray

- (a) CD-ROM → DVD → Blu-ray
(b) CD-ROM → Blu-ray → DVD
(c) DVD → Blu-ray → CD-ROM
(d) Blu-ray → DVD → CD-ROM


27. Which one of the following is the characteristic of a multimedia system?

- (a) High storage
- (b) High data rates
- (c) Both high storage and high data rates
- (d) None of the above


28. The ability to combine name and addresses with a standard document is called


- (a) Document formatting
- (b) Database management
- (c) Mail merge
- (d) Form letters

29. Clicking on _____ separates the paragraph from the left margins using blank spaces.


- 

(a)



(b)
- 

(c)



(d)

30. You can activate a cell by

- (a) pressing the Tab key
- (b) clicking the cell
- (c) pressing an arrow key
- (d) All of the above

31. You have inserted few shapes in a slide and now you want to adjust them in such a way that they move together. Which of the following methods would you follow to make all the shapes a single entity?

- (a) Select all the shapes and then click on group icon of View tab
- (b) Select all the shapes and then click on group icon of Mailing tab
- (c) Select all the shapes and then click on group icon of Format tab
- (d) Select all the shapes and then click on group icon of Insert tab

32. Which of the following steps should be followed to increase the size of desktop icon?

- (a) Right click on any icon → View → Large icons

(b) Right click on any icon → Arrange → Large icons

(c) Right click on desktop → View → Large icons

(d) Right click on desktop → Arrange → Large icons

33. When a collection of various computers appears as a single coherent system to its clients, what is this called?

- (a) Mail system
- (b) Networking system
- (c) Computer network
- (d) Distributed system

34. Figure 1 was rotated to form Figure 2. Which handle in figure 1 was used to rotate the image?

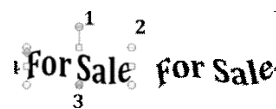


Figure 1 Figure 2

- (a) 4
- (b) 3
- (c) 2
- (d) 1

35. Which company developed the Chrome web browser?

- 

(a)



(b)
- 

(c)




(d)


36. Which of the following types of display device reflect projected images and allows the user to see through it?


- (a) Helmet mounted display
- (b) Optical head mounted display
- (c) Active LED display
- (d) Aviation display

37. Which of the following devices has a cylindrical drum called a photo receptor?


- 

(a)



(b)
- 

(c)



(d)

38. What does the diagram below depict?



- (a) Application software (b) Computer software
(c) Computer hardware (d) System software

39. When viewing a video file, which button takes you to the final frame?



- (a) 4 (b) 3 (c) 2 (d) 1

40. What is a touchscreen device?

- (a) A device that plays music
(b) A device with physical buttons
(c) A device with a display you can touch
(d) A device for making phone calls

Section 2 (2 Marks)

41. Which of the following devices will not be needed, if you want to preview and print the hard copy of the document?



- (a) Only (1) (b) Only (2)
(c) Only (3) and (4) (d) (1), (3) and (4)

42. Which of the following statements hold(s) true about MPEG standards?

Statement 1 It is a set of standards for audio and video compressions.

Statement 2 It was developed by Motion Pixel Expert Group.

- (a) Only Statement 1
(b) Only Statement 2
(c) Both Statement 1 and Statement 2
(d) Neither Statement 1 nor Statement 2.

43. Match the following MS-Word shortcut keys in Column I with the operations they perform in Column II

Column I	Column II
1. Ctrl + F	a. Replace
2. Ctrl + H	b. Goto
3. Ctrl + G	c. Bold
4. Ctrl + B	d. Find

- (a) 1 - (d), 2 - (a), 3 - (b), 4 - (c)
(b) 1 - (a), 2 - (b), 3 - (c), 4 - (d)
(c) 1 - (d), 2 - (c), 3 - (a), 4 - (b)
(d) 1 - (a), 2 - (d), 3 - (c), 4 - (b)

44. Which of the following statements hold(s) true about the given icon?


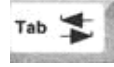




Statement 1 It is used for converting Smart Art graphics to individual shapes or bulleted list.

Statement 2 It can only be used with process diagrams.

- (a) Only Statement 1
(b) Only Statement 2
(c) Both Statement 1 and Statement 2
(d) Neither Statement 1 nor Statement 2

45. Match the following.

Column I	Column II
1. Ctrl + Shift + Esc	a. Opens Windows task manager
2.  + 	b. Ease of access centre
3.  + 	c. Cycle through programs on the taskbar by using aero flip 3D

- (a) 1 - (a), 2 - (b), 3 - (c)
- (b) 1 - (b), 2 - (a), 3 - (c)
- (c) 1 - (c), 2 - (b), 3 - (a)
- (d) 1 - (a), 2 - (c), 3 - (b)

46. Read the following statements.

Statement 1 A LAN may have more than thousands of users.

Statement 2 A WAN may have more than thousands of users.

Statement 3 MAN are larger than LAN but smaller than WAN.

Which one of the following is correct about the above statement(s)?

- (a) Statement 1 is true.
- (b) Statement 2 is true.
- (c) Statement 3 is true.
- (d) All are true.

47. Identify the following.

This option is displayed on opening any mail. It is used to answer or send a response of an e-mail message.

- (a) Forward
- (b) Compose
- (c) Archive
- (d) Reply

48. Assertion Cortana is a virtual assistant in Windows 10.

Reason It helps users in searching the internet, setting reminders and performing tasks using voice commands.

- (a) Both Assertion and Reason are true, and Reason is the correct explanation of the Assertion.
- (b) Both Assertion and Reason are true, but Reason is not the correct explanation of the Assertion.
- (c) Assertion is true, but Reason is false.
- (d) Assertion is false but Reason is true.

49. Assertion In MS PowerPoint 2016, the Slide Master is a useful feature.

Reason The Slide Master allows you to apply consistent formatting and design to all slides in a presentation.

- (a) Both Assertion and Reason are true, and the Reason is the correct explanation of the Assertion.
- (b) Both Assertion and Reason are true, but the Reason is not the correct explanation of the Assertion.
- (c) Assertion is true, but the Reason is false.
- (d) Assertion is false, but the Reason is true.

50. Which of the following statements hold(s) true about iPod Shuffle?

Statement 1 It is the smallest device in Apple's series of digital portable music player.

Statement 2 It is succeeded by iPod Mini.





- (a) Only Statement 1
- (b) Only Statement 2
- (c) Both Statement 1 and Statement 2
- (d) Neither Statement 1 nor Statement 2

Tie-Breaking Section

Instructions

1. This section consists of 5 Questions.
2. The score achieved in this section will not be included in the total marks.
3. If overall marks of two or more students are same, winner will be decided based on the score in this section.
4. Participation in this section is optional, and students may choose to attempt it or not.

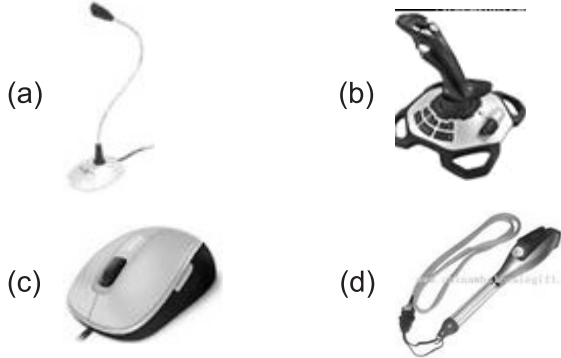
1. Select the incorrect match.

- (a)  Bulleted list
- (b)  Custom list
- (c)  Numbered list
- (d)  Multilevel list

2. Identify the following:

- It is an input device.
- It is connected to the VDU
- It contains a light sensitive element.

- It allows the user to draw or point to objects on the computer screen or the monitor.



3. All the URLs are translated into numeric address using the _____. The numeric addresses are called the _____.
- (a) Search engine, Domain
 - (b) DNS, IP address
 - (c) Browser, Protocol
 - (d) HTTP, Links

4. Some software packages attempt to encode the knowledge and decision rules of human specialists in order to use them for making their own decisions. By what name are such packages known?

- (a) Artificial intelligence package
- (b) Expert system shell
- (c) Expert system
- (d) Knowledge based system

5. Which of the following statements is false concerning file names?

- (a) Files may share the same name or the same extension but not both.
- (b) Every file in the same folder must have a unique name.
- (c) File extension is another name for file type.
- (d) The file extension comes before the dot (.) followed by the file name.