

Please check the examination details below before entering your candidate information

Candidate Name

Class

Section

BLOOM Computer Olympiad (BCO)

Question Paper 2024-25

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 A** having 40 Questions carrying 1 Mark each & **Section B** 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#162

Com5



BLOOM CAP
Founded by |  **arihant**

Bloom Computer Olympiad Class 5

Section A (1 Mark)

1. Which of the following statement is true?
- (a) Cache memories are bigger than RAM.
 - (b) Cache memories are smaller than RAM.
 - (c) ROM are faster than RAM.
 - (d) Information in ROM can be written by users.

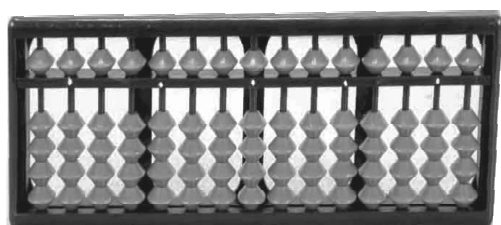
2. Fill in the blank:

A Program that is made available in digital format for automatic download over the internet to a personal MP3 or Digital Device is called a _____.

- (a) Procast
- (b) Blog
- (c) Podcast
- (d) Wiki

3. What is the difference between the slide design and auto content wizard?
- (a) Both are same
 - (b) Slide design does not provide sample content, whereas the Auto Content Wizard provides the sample content
 - (c) Slide design provides the sample content, whereas the Auto Content Wizard does not provide the sample content
 - (d) None of the above

4. This tool is used for mathematical operations like addition and subtraction. Who invented it?



- (a) Chinese
- (b) Japanese
- (c) Indian
- (d) Norway

5. To create a folder in Windows 10
- (a) Right click and select new, and then folder.
 - (b) Right click and select folder and then new.
 - (c) Click on the folder icon and hold down the shift key.
 - (d) Left click the folder you want to create and drag it to the appropriate folder.

6. A number of interconnected computers and peripheral devices sharing resources and information is known as a

- (a) System
- (b) Web
- (c) Structure
- (d) Network

7. Soft copy output would be best described as

- (a) The type of output that is only displayed on screen.
- (b) The type of output that is in the form of audio.
- (c) The type of output that can be touched.
- (d) An output device that is very soft.

8. Which of the following types of computers is handheld, often used for personal organization and communication?

- (a) PDA
- (b) ALU
- (c) PAD
- (d) All of these

9. The Windows 10 biometric login featured has been named:

- (a) Windows Hello
- (b) Windows Instant
- (c) Windows Padlock
- (d) Windows Bio

10. Which of the following command in PowerPoint is used to bring the user directly to the first slide of the presentation?

- (a) Ctrl + Home
- (b) Alt + Home
- (c) Shift + Home
- (d) Home

11. Which one of the following is the source of computer virus?

- (a) Email
- (b) Downloaded files
- (c) Corrupted CD
- (d) All of these

12. A software program that adds functionality to your computer or help your computer perform better is called as _____.

- (a) Utility program
- (b) Function program
- (c) Specialised program
- (d) Manufacturer program

13. Which of the following option is NOT present in Office Button?

- (a) Prepare
- (b) Send
- (c) Publish
- (d) None of these

14. Siya and Avyaan are discussing how to store information in their programming class. They wonder, _____ are used to hold values.
- (a) data (b) string
(c) variable (d) input units
15. In MS Word 2016, you are editing a document and want to add a header that only appears on the first page and not on the rest. Which of the following steps should you follow to achieve this?
- (a) Go to the "Insert" tab, click on "Header" and select "Different First Page" from the options.
(b) Go to the "Layout" tab, click on "Margins" and select "First Page Header Only."
(c) Go to the "Design" tab, click on "Page Setup" and choose "First Page Only" under Headers and Footers.
(d) Go to the "File" tab, click on "Options" and check the box for "Header on First Page Only."
16. Which of the following statements is true about the relationship between hardware and software?
- (a) Hardware can function without any software installed on it.
(b) Software is the physical part of a computer, like the keyboard and mouse.
(c) Hardware only includes the parts inside the computer, like the CPU and motherboard.
(d) Software tells the hardware what to do and how to do it.
17. Sarah just bought a new laptop and is excited to explore the features of her new computer. She notices that she can interact with her computer using icons, windows, and menus. This type of operating system is designed to provide a graphical interface for users.



The operating system that Sarah is using is an example of a type

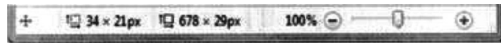
- (a) GUI (b) CUI
(c) AUI (d) LUI

18. In MS Word, what is the use of the icon shown below:



- (a) Grow Font and Shrink Font
(b) Grow Font and Reduce Font
(c) Enlarge Font Shrink Font
(d) Enlarge Font and Reduce Font
19. What is an object in Scratch which performs functions controlled by scripts?
- (a) Scratch (b) Sprite
(c) Stage (d) Script
20. Using View tab, we can switch between
- (a) Single Page and Two Page Views
(b) Two Page and Three Page Views
(c) Single Page and Three Page Views
(d) Single Page and Multiple Page Views
21. What is the systematic display of data along with graphics, sounds, movies, etc., called?
- (a) A presentation
(b) Grid
(c) Information
(d) Processing
22. This command Changes pen colour based on your choice from colour picker.
- (a) Set pen color to
(b) Change pen shade to
(c) Pen up
(d) Pen down
23. Aanya is learning to code in Scratch. What do you call the list of commands in Scratch?
- (a) Sprite (b) Script
(c) Scratch (d) Help
24. What is the function of the 'Move 10 steps' command block?
- (a) Runs the blocks inside over and over
(b) Move sprite forward
(c) Runs script below when the specified key is pressed
(d) Move sprite backward

25. Look at the given image of MS-Paint window and answer the following questions.



What is 34×21px shown in the image?

- (a) Dimensions of the drawing area
- (b) Dimensions of the selected area of a drawing
- (c) Dimensions of the selection tool
- (d) All of these

26. Match the multimedia elements to their correct descriptions.

Multimedia Element	Description
A. Animation	1. A collection of still images played in sequence to create the illusion of movement
B. Audio	2. Text and pictures combined to create visual presentations
C. Video	3. Sounds, such as music or speech, that accompany multimedia content
D. Graphics	4. Moving images or videos that convey information or tell a story

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

27. The _____ block is used to run a set of instructions for as specified number of times.

- (a) Forever
- (b) Until
- (c) Repeat
- (d) If...else

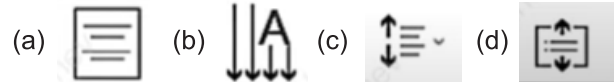
28. Using Word, you can insert text and create new documents by following the steps listed below:

- i. Look for the Microsoft Word icon in the start menu
- ii. In the text area below the ribbon your cursor will blink or you'll see an insertion point
- iii. The insertion point can be changed by pressing space, enter, or tab
- iv. Open the Microsoft Word document by clicking the icon
- v. After you start typing, your words will appear in the text area as you type

Select the correct order of the steps provided above:

- (a) i > iv > ii > v > iii
- (b) i > ii > iv > v > iii
- (c) i > v > iii > ii > iv
- (d) i > ii > iii > iv > v

29. Which of the following options of Paragraph group of Home tab is used to control the space between lines of text in MS-PowerPoint 2016?



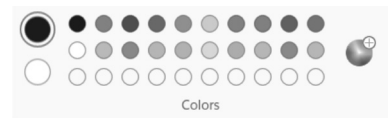
30. Who is the founder of Scratch?

- (a) James Gosling
- (b) Tim Berners Lee
- (c) Mitchel Resnick
- (d) None of the above

31. Which of the following is used to move an active cell to the first column on the current row?

- (a) Page up
- (b) Ctrl + Home
- (c) Page down
- (d) Home

32. Observe the given image.



This _____ shows _____.

- (a) Recently used colors.
- (b) Colors which you add and are not available in the default palette.
- (c) Colors that are used for background.
- (d) None of these

33. In order to correct the errors in MS Word—

- I. Suggestions appear in a list
- II. The cursor should be placed over the text that needs to be corrected
- III. Use the right-click menu to select
- IV. With a left click, select the correct word

Select the correct order:

- (a) II > III > IV > I
- (b) II > IV > III > I
- (c) II > III > I > IV
- (d) II > I > III > IV

34. What does the "glide" block in Scratch do?
- It moves a sprite to a specific position smoothly.
 - It plays a smooth animation for a sprite.
 - It changes a sprite's appearance to look like it is gliding.
 - It creates a smooth transition between different backdrops.
35. Divya wants to instruct her computer to repeat a certain set of instructions for her homework as many times as she needs. This process is called _____.
- Looping
 - Repeating
 - Processing
 - Instructing
36. Identify the correct options based on the descriptions given below:
- A collection of data or computer instructions that tell the computer how to work.
 - A term used for a set of instructions that allow the computer to perform more than one task.
 - They are broadly categorised into two types.
- Hardware
 - Software
 - Firmware
 - FOSS
37. _____ is a protocol used by e-mail clients to download e-mail to your computer.
- POP
 - SMTP
 - FTP
 - TCP
38. A _____ is a small program embedded inside a GIF (Graphics Interchange Format) image.
- Web bug
 - Cookie
 - Spyware
 - Spam
39. A /an is a central server on a computer network that enables connected clients to access the server's storage capacities.
- Web server
 - Application server
 - Print server
 - File server
40. What is the place called where sprites and scripts are stored in a Scratch screen?
- Blocks palette
 - BackPack
 - Stage and sprite list
 - Sounds editor





Section B (2 Marks)

41. Match the Excel feature with its correct description:

Column A	Column B
1. Formula Bar	A. Tool to format cells, like font and color
2. Cell Reference	B. Area where you can see and edit the formula in the cell
3. Formatting	C. Identifies each cell by combining its column and row
4. AutoSum	D. Quickly adds up a range of numbers

- 1 - B, 2 - C, 3 - A, 4 - D
- 1 - C, 2 - A, 3 - B, 4 - D
- 1 - A, 2 - C, 3 - D, 4 - B
- 1 - D, 2 - B, 3 - A, 4 - C

42. Match the following MS-Paint icons with their uses.

Icons	Uses
(A) 	(1) Draw a shape with any number of sides
(B) 	(2) Cancel the last operation
(C) 	(3) View picture full screen
(D) 	(4) Remove all portions that lay outside the selection

- (A)-(3), (B)-(1), (C)-(2), (D)-(4)
- (A)-(4), (B)-(3), (C)-(2), (D)-(1)
- (A)-(4), (B)-(3), (C)-(1), (D)-(2)
- (A)-(1), (B)-(3), (C)-(2), (D)-(4)

43. Choose the incorrect statement about MS PowerPoint 2016:

- You can insert images into your slides using the "Insert" tab.
 - The "Slide Sorter" view allows you to see all your slides in a grid format.
 - The "Animations" tab is used to change the font style of your text.
 - You can add transitions between slides to make your presentation more dynamic.
- Only I
 - Only III
 - Only II and III
 - Only IV

44. Which of the following statements about computer networks is false?
- A computer network allows multiple devices to share files and resources.
 - The internet is a global network that connects millions of private, public, and corporate networks.
 - A Local Area Network (LAN) usually covers a large geographical area, like a city or country.
 - In a network, data is transferred between devices through cables or wireless signals.
45. In MS Word 2016, if you want to create a table with 5 columns and 4 rows, which of the following steps will you follow?
- Click on "Insert" tab, then select "Table" and drag the mouse to select a 4x5 grid.
 - Click on "Table" tab, then select "Insert Table" and type in 4 for columns and 5 for rows.
 - Click on "Insert" tab, then select "Table" and drag the mouse to select a 5x4 grid.
 - Click on "Table Tools" tab, then select "Insert Table" and type in 5 for columns and 4 for rows.

46. Match List-I with List-II in the context of computer networking:

List-I	List-II
(a) VOIP	(i) Makes use of light pulses to transmit data
(b) Fibre-optic cable	(ii) Use of internet to make phone calls
(c) URL	(iii) Most appropriate to connect computers in a small building
(d) UTP cable	(iv) Text used by web browsers to locate a web address on the Internet

- (a)-(iv), (b)-(i), (c)-(ii), (d)-(iii)
- (a)-(ii), (b)-(i), (c)-(iv), (d)-(iii)
- (a)-(ii), (b)-(iii), (c)-(iv), (d)-(i)
- (a)-(iv), (b)-(iii), (c)-(ii), (d)-(i)

47. Nidhi wants to learn how to bake a cake by watching a video on the internet. She opens her browser and types "how to bake a cake" in the search bar. However, she notices that the videos are not loading, and the website is taking a long

time to open. Which of the following is the most likely reason for this problem?

- The internet connection might be slow or not working properly.
- The search engine doesn't have any videos related to baking cakes.
- Her computer doesn't have a web browser installed.
- The website is not safe to use and is blocking the videos.

48. You are creating a presentation in PowerPoint 2016 and want to add a slide that has a title at the top and a picture with a caption below it. Which slide layout should you choose to make this task easier?

- Title Slide
- Title and Content
- Title Only
- Picture with Caption



Choose the correct option according to the code.

- Make the character spin
- Make the ball bounce
- Start the game
- Add a sprite

50. In the context of MS Excel 2016, choose the correct statements:

Statement 1 You can enter data into a cell by simply clicking on it and typing.

Statement 2 You can change the appearance of your worksheet using the "Design" tab.

Statement 3 By clicking on the "Save" option, you can save your workbook after making changes.

- Statement 1
- Statement 2
- Both Statements 1 and 3
- None of the above

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. Which of the following statements holds true about process of booting?

- I. Power on computer → Power On Self Test (POST) is completed → OS is loaded → System configuration is completed → System utilities are loaded → User is authenticated.
- II. Power on computer → OS is loaded → Power On Self Test (POST) is completed → System configuration is completed → System utilities are loaded → User is authenticated.

Codes

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

2. Match the following lists.

List I	List II
A. 	1. Animation
B. 	2. Action
C. 	3. Slide size
D. 	4. Transition

Codes

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

3. Which of the following statements is/are correct about if () then, else block?

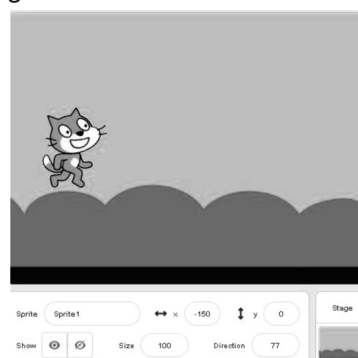
- I. If the condition inside the if block is true than the blocks inside if will run.
- II. In case of false condition the blocks inside else block will run.




- III. If () then, else is a control script block's command block.

Codes

- (a) Only I (b) I and II
(c) Only III (d) All of these

4. Which of the following values shown in the image we have to change to move the sprite to right so, it can be placed exactly in the middle of the stage?



- (a)  y -90 (b)  y -150
(c) Direction 0 (d)  x 0

5. Which of the following statements holds true about the given logo?



- I It is a cloud computing platform developed by AMAZON.
- II. It provides payment services for seamless transactions.

Codes

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

