BLOOM Computer
Olympiad (BCO)
Question Paper 2024-25

Class 4

Total Questions **35 + 3** (Tie-Breaking Section)

Total Time Allotted :
60 minutes

Total Marks
35

Instructions

1. There are **35 Multiple Choice Questions** in this booklet having 4 options out of which **ONLY ONE** is correct.

2. 1 Mark will be allotted for each correct answer.

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.
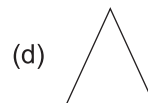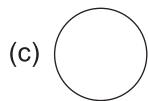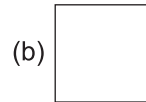
1. If you want to create a square with side length 100 units, and you're using the FD command to move forward, how many times do you need to use the RT command to turn the turtle 90 degrees to complete the square?
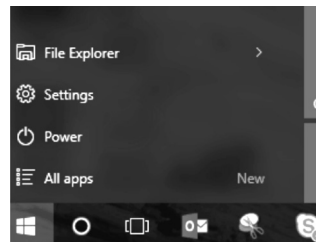
(a) 1   (b) 2

(c) 3   (d) 4

2. What is the output of the given primitive?

REPEAT   4   [FD 40 RT 90]

(a) [rectangle]

(b) [square]

(c) [circle]

(d) [triangle]

3. File Explorer is the place where you find access to your

(a) Applications   (b) Computer Drives

(c) Cloud   (d) OneDrive Account

4. Fill in the blank:

A modern laptop or Notebook may use a modern hard disk called a ……… . They have no moving parts, and are considered faster than a hard drive.

(a) CD Drive   (b) Silicon drive

(c) Solide state drive   (d) Cloud based drive

5. Identify the command to add two numbers a and b.

(a) PR SUM a + b   (b) PR (SUM a b)

(c) PR SUM a – b   (d) PR SUM 'a', 'b'

6. Read the description given below and identify the computer

(i) It was the first electronic general-purpose computer

(ii) It was Turning-complete, digital and able "a large class of numerical problems" through reprogramming

(iii) It is considered to be the first electromechanical binary programmable computer and the first really functional modern computer.

(a) ENIAC   (b) MULTICS

(c) Apple   (d) PC

7. Bluetooth is an example of _____ network.

(a) virtual private
(b) local area
(c) personal area
(d) wide area

8. Choose the incorrect statement out of the given statements.

I. The Ribbon in MS Word 2016 contains tabs that group related commands.

II. The Status Bar displays information about the document's current page and word count.

III. The Quick Access Toolbar is located at the bottom of the Word window.

IV. You can customize the Ribbon to add or remove commands in MS Word 2016.

(a) Only I
(b) Only III
(c) II and III
(d) Only IV

9. What is the output for the command FD 60?

(a) Turtle moves 60 ° right.
(b) Turtle moves 60 steps forward.
(c) Turtle moves 60 steps backward.
(d) Turtle moves to centre.

10. Fifth Generation of computer are based on

(a) Artificial Intelligence
(b) Programming Intelligence
(c) System Knowledge
(d) VVLSI

11. You want to send a message to your friend who lives in another city. Which of these options would be the fastest way to reach them?

(a) Sending a letter through the post
(b) Sending a telegram
(c) Sending an email
(d) Calling them on a landline phone

12. The development of the basic architecture of the computer was done by

(a) John Von Neumann
(b) Ada Lovelace
(c) Bill Gates
(d) Blaise Pascal

13. The processor which perform arithmetic and logical operations is called

(a) Control
(b) ALU
(c) Register
(d) Cache Memory

14. The National Weather Department needs a special computer to predict weather patterns and track storms around the world. This computer needs to process huge amounts of data very quickly and is extremely expensive to build. Which type of computer would be best for this job?

(a) Personal computers
(b) Laptops
(c) Super computers
(d) Main frames

15. You can change the height and width of a picture using _____.

(a) Home tab → Image group → Resize
(b) Home tab → Resize group → Size → Flip Vertical
(c) Paint button → Width, Height
(d) All of the above

16. Internet Explorer is a type of

(a) Operating System
(b) Browser
(c) IP address
(d) Compiler

17. In the context of MS PowerPoint 2016, choose the correct statements:

Statement 1 You can add text to a slide by using the "Text Box" tool.

Statement 2 You can change the design of your presentation by using the "Format" tab.

Statement 3 By clicking on the "Save" option, you can keep your presentation after finishing it.

(a) Statement 1

(b) Statement 2

(c) Both Statements 1 and 3

(d) None of these

18. Match the following

Tab	Function
I. Home	A. Undoes the last action
II. View	B. Contains tools for drawing, editing, and text
III. Image	C. Contains options for adjusting the image's size, rotation, and brightness
IV. Edit	D. Contains options for viewing the image in different modes (e.g., zoomed in, actual size)

(a) I-D, II-A, III-C, IV-B

(b) I-B, II-C, III-A, IV-D

(c) I-B, II-D, III-C, IV-A

(d) I-A, II-D, III-B, IV-C

19. Which of the following is the command to print LOGO?

(a) PR LOGO

(b) PR {LOGO}

(c) PR 'LOGO'

(d) PR [LOGO]

20. You can enter text in your drawing using _____ found in the _____ of the ribbon.

(a) **A** , View tab

(b) ⬜ , Home tab

(c) **A** , Home tab

(d) ⬜ , View tab

21. http://www.sofworld.org is an example of _____. It is the _____ of a website.

(a) URL, chat

(b) URL, address

(c) TRL, transfer

(d) URL, Policy

22. Which of these font effects is NOT available in the PowerPoint Font dialogue box?

(a) Small caps

(b) Underline

(c) Strikethrough

(d) Emboss

23. Which of the following options is NOT a selection shape?

(a)

(b)

(c)

(d)

24. Four students are playing a game to see who knows the most about computer devices. They are asked to name any four input devices. Here are their answers:

Student A: Keyboard, Monitor, Mouse, Printer

Student B: Mouse, Scanner, Keyboard, Microphone

Student C: Joystick, Mouse, CPU, Keyboard

Student D: Webcam, Mouse, Keyboard, Monitor

Who gave the correct answer?

(a) Student A   (b) Student B
(c) Student C   (d) Student D

25. In MS-Paint, a picture can be skewed _____.

(a) Horizontally but not vertically
(b) Vertically but not horizontally
(c) Both horizontally and vertically
(d) None of the above

26. What can you do using the Internet?

(a) Download software   (b) Participate in interactive forums
(c) Chat with your friends   (d) All of these

27. Which key combination is used to take a screenshot in Windows 10?
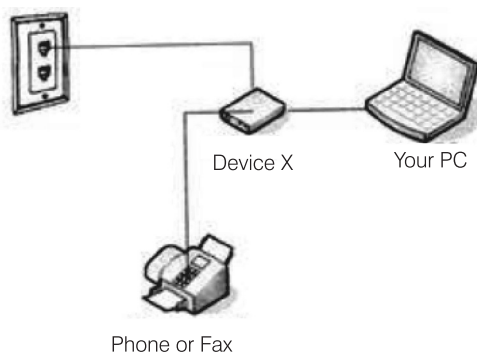
(a) Ctrl + S   (b) Alt + Tab
(c) Windows + Print Screen   (d) Shift + Delete

28. Identify the device X that enables a computer to transfer data over a network.

Device X   Your PC

Phone or Fax

(a) Wire   (b) Modem
(c) Scanner   (d) None of these
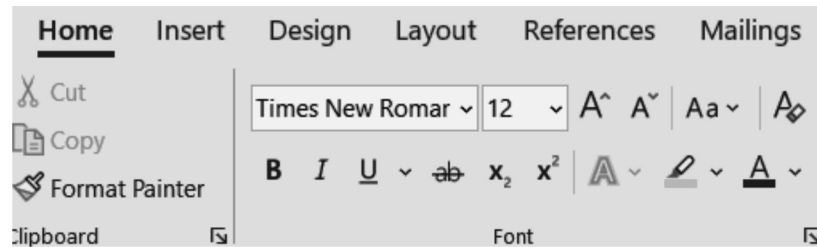
29. A One-Time-Password (OTP) is _____.

(a) Valid for only one login session or transaction
(b) Generated by user
(c) Available to be used multiple times
(d) Less secure than traditional password

30. Riya is working on her school project in MS Word. She wants to make the title of her project look bigger and stand out. She knows that there are different tools in MS Word that can help her do this. Riya clicks on the title, but she's not sure which option to choose next.

What should Riya do to make the title bigger?

(a) Click on the Font Size drop-down and select a larger number.
(b) Click on the Bold button.
(c) Click on the Underline button.
(d) Click on the Font Color button.

31. Which of these refers to the PowerPoint view used for displaying only the text (title and bullets)?

(a) Slide sorter show   (b) Slide view
(c) Outline view   (d) Notes page view

32. Which of the following companies has the tagline "Think different".

(a) Microsoft   (b) Google
(c) Apple   (d) Samsung

33. What is the blank space outside the printing area on a page?

(a) Clipart   (b) Margins
(c) Header   (d) Footer

34. What is the purpose of the Recycle Bin in Windows 10?

(a) To store your favorite games
(b) To save your work automatically
(c) To temporarily store deleted files
(d) To increase the speed of your computer

35. Riya loves reading books but doesn't have the one she wants at home. Her friend Amit suggests finding it online using the internet. What should Riya do next?

(a) Go to a bookstore and ask for the book.
(b) Call a friend to see if they have the book.
(c) Use a search engine like Google to look for the book online.
(d) Turn OFF the computer and go outside to play.

Instructions

1. This section consists of 3 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.

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1. In computing, ………… is a network security system that monitors and controls incoming and outgoing network traffic based on predetermined security rules?

(a) Cookie　　　　　　　　　　　　　　(b) Spyware

(c) Spam　　　　　　　　　　　　　　　(d) Firewall

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2. Which of the following is a hosted online version of the Microsoft Office with access to Word, Excel, PowerPoint, etc?

(a) Office 460　　　　　　　　　　　　(b) Office 365

(c) Office 565　　　　　　　　　　　　(d) Office 2015

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3. Professional designers can create sophisticated documents that contain text, graphics and many colours using ………… software?

(a) Computer Aided Design (CAD)　　　(b) Illustration

(c) Image editing　　　　　　　　　　　(d) Desktop Publishing (DTP)