

Mindbenz Computer Olympiad (MCO)

Sample Paper

Grade - 7

Maximum Marks: 40

Time Allowed – 45 Minutes

Section A: Fundamentals Check (10 Questions × 1 mark = 10 marks)

1. What does an **Operating System** do?
 - a) Create slides
 - b) Print documents
 - c) Manage hardware and software
 - d) Play games
2. Which one is an **example of a graphical operating system**?
 - a) 
 - b) 
 - c) 
 - d) 
3. The number **1010** in binary equals what in decimal?
 - a) 10
 - b) 5
 - c) 8
 - d) 15
4. The **Binary Number System** uses:
 - a) 0 to 9
 - b) 0 to 1
 - c) 1 to 9
 - d) A to Z
5. Which MS Word tool is used to **track document editing**?
 - a) Styles
 - b) Mail Merge
 - c) Track Changes
 - d) Header
6. In Excel, what is **cell referencing**?
 - a) Naming a worksheet
 - b) Identifying a cell's position
 - c) Saving a file
 - d) Creating charts
7. Which feature allows adding **actions** to PowerPoint slides?
 - a) Theme
 - b) Slide Master

- c) Insert
d) Action Buttons
8. The `<br>` tag in HTML is used for:
a) Bold text
b) Line break
c) Adding links
d) Changing background
9. In Scratch, a "**forever if**" block is used to:
a) Play music
b) Loop only if condition is true
c) Move sprite forever
d) Pause sprite
10. Which of the following is a **cyber safety practice**?
a) Sharing passwords
b) Ignoring updates
c) Clicking unknown links
d) Using antivirus software

Section B: Application Zone (10 Questions × 1 mark = 10 marks)

11. Which is **not a function** of an Operating System?
a) File Management
b) Virus Creation
c) Memory Management
d) Task Scheduling
12. What is the **decimal equivalent** of binary 1111?
a) 13
b) 14
c) 15
d) 12
13. In MS Word, the **Protection** feature is used to:
a) Create new templates
b) Prevent unauthorized editing
c) Track grammar
d) Highlight text
14. What is the difference between **absolute** and **relative cell referencing** in Excel?
a) One is bold
b) One moves during copy
c) One is clickable
d) One is for formulas only
15. In PowerPoint, a **Hyperlink** can link to:
a) Only a webpage
b) Slide, file, or webpage
c) Charts only
d) Notes section
16. Which HTML tag changes **text color**?
a) `<body>`
b) `<font>`
c) `<hr>`
d) `<title>`
17. In Scratch, which block **detects mouse clicks**?
a) Motion
b) Events

c) Control

d) Operators

18. Which of the following is a **macro** in Excel used for?

a) Playing sound

b) Shortcuts for tasks

c) Drawing images

d) Changing passwords

19. A **Trojan Horse** virus does what?

a) Steals data while pretending to be useful

b) Deletes only system files

c) Speeds up programs

d) Protects from hacking

20. AI is mainly used to:

a) Slow down machines

b) Store passwords

c) Make smart decisions

d) Clean memory

Section C: Tech Mastery (10 Questions × 2 marks = 20 marks)

21. Match the HTML tag with its function:

A. <hr>

1. Line break

B.

2. Horizontal rule

C.

3. Style text

a) A-2, B-1, C-3

b) A-1, B-2, C-3

c) A-3, B-2, C-1

d) A-2, B-3, C-1

22. Match the file type with application

A. .docx – 1.



B. .pptx – 2.



C. .xlsx – 3.



a) A-1, B-2, C-3

b) A-3, B-1, C-2

c) A-2, B-3, C-1

d) A-1, B-3, C-2

23. **Statement A:** Absolute cell reference has \$ signs.
Statement B: It changes when copied.
- | | |
|-------------------|-------------------|
| a) Only A is true | b) Only B is true |
| c) Both are true | d) Both are false |
24. **Assertion:** Mail Merge saves time.
Reason: It sends the same letter to many with name changes.
- | | |
|---------------------------------------|--|
| a) A and R both correct, R explains A | |
| b) A correct, R incorrect | |
| c) A incorrect, R correct | |
| d) Both incorrect | |
25. Which Scratch block is best for **repeating a task 10 times**?
- | | |
|------------|--------------|
| a) Forever | b) Repeat |
| c) If-then | d) Broadcast |
26. What is the role of a **Firewall** in cybersecurity?
- | | |
|-----------------------|--------------------------------|
| a) Control brightness | b) Prevent unauthorized access |
| c) Add animations | d) Increase internet speed |
27. What does the **FONT tag** in HTML allow?
- | | |
|-----------------------------------|---------------|
| a) Set font type, size, and color | b) Break line |
| c) Create forms | d) Write CSS |
28. **Match the Virus Type to Behavior:**
- | | |
|--|------------------|
| A. Trojan – 1. Locks files | |
| B. Ransomware – 2. Pretends to be safe | |
| C. Worm – 3. Spreads by copying itself | |
| a) A-2, B-1, C-3 | b) A-1, B-3, C-2 |
| c) A-3, B-2, C-1 | d) A-2, B-3, C-1 |
29. In MS Word, which feature **allows styling** headings quickly?
- | | |
|----------------------|--------------|
| a) Page Layout | b) Styles |
| c) Table of Contents | d) View Mode |
30. Which combination shows **Emerging IT Technologies**?
- | | |
|--------------------------------|--------------------------|
| a) AI, Robotics, Smart Gadgets | b) Email, CSS, HTML |
| c) Macros, PowerPoint, Excel | d) Cyber Safety, Windows |

 Answer Key

- 1.c) 2.b) 3.a) 4.b) 5.c) 6.b) 7.d) 8.b) 9.b) 10.d)
11.b) 12.c) 13.b) 14.b) 15.b) 16.b) 17.b) 18.b) 19.a) 20.c)
21.a) 22.b) 23.a) 24.a) 25.b) 26.b) 27.a) 28.a) 29.b) 30.a)