



MODEL QUESTION PAPER

**ICO**

International Cyber Olympiad

Class: 8<sup>TH</sup>

Time: 1 Hour  
Max Marks: 60

**Instructions:**

1. All questions are compulsory.
2. Each question carries 1 mark.
3. There is no negative marking for wrong answers.
4. Choose the correct option and fill it in the OMR sheet provided.

**Section A:**

**Computer Basics**

1. Which of the following is not an operating system?
  - a) Windows
  - b) Linux
  - c) Android
  - d) Oracle
2. What does "BIOS" stand for?
  - a) Basic Input Output System
  - b) Binary Input Output System
  - c) Basic Interchange Output System
  - d) Binary Interchange Output System
3. Which device is used to connect a computer to a telephone line?
  - a) Router
  - b) Modem
  - c) Switch
  - d) Hub
4. What is the main function of a hard disk?
  - a) Processing data
  - b) Storing data
  - c) Transmitting data
  - d) Displaying data
5. Which type of memory is non-volatile and can be electronically erased and reprogrammed?
  - a) RAM
  - b) ROM



- c) Flash Memory
- d) Cache Memory

**Section B:**

**Internet and Networking**

6. What is the function of DNS in networking?
  - a) To translate domain names to IP addresses
  - b) To encrypt data
  - c) To transfer files
  - d) To manage network traffic
7. Which protocol is used for secure communication over a computer network?
  - a) HTTP
  - b) FTP
  - c) HTTPS
  - d) SMTP
8. What is the full form of "IP" in IP address?
  - a) Internet Protocol
  - b) Internal Protocol
  - c) Internet Program
  - d) Internal Program
9. What device is used to forward data packets between computer networks?
  - a) Hub
  - b) Switch
  - c) Router
  - d) Modem
10. Which of the following is an example of a search engine?
  - a) Yahoo
  - b) Firefox
  - c) Windows
  - d) iOS

**Section 3:**

**MS Office Tools**

11. Which feature in MS Word is used to create a drop cap?
  - a) Insert
  - b) Format
  - c) Page Layout
  - d) References
12. In MS Excel, which function is used to find the highest value in a range?



- a) MIN()
  - b) MAX()
  - c) SUM()
  - d) AVERAGE()
13. What is the default file extension for a Microsoft PowerPoint presentation?
- a) .docx
  - b) .xlsx
  - c) .pptx
  - d) .txt
14. Which tab in MS PowerPoint allows you to add animations to slides?
- a) Home
  - b) Insert
  - c) Design
  - d) Animations
15. In MS Word, what does the "Thesaurus" tool help you find?
- a) Synonyms and antonyms
  - b) Grammar errors
  - c) Page layout options
  - d) Spelling errors

### **Section D:**

### **Computer Programming**

16. Which of the following is a high-level programming language?
- a) Assembly
  - b) Machine Code
  - c) Java
  - d) Binary Code
17. What does "IDE" stand for in programming?
- a) Integrated Development Environment
  - b) Internal Development Environment
  - c) Integrated Design Environment
  - d) Internal Design Environment
18. Which tag is used to create a hyperlink in HTML?
- a) `<link>`
  - b) `<a>`
  - c) `<href>`
  - d) `<hyperlink>`
19. In Python, what will be the output of the following code:
- ```
```python
```



```
... print("Hello" + "World")
```

- a) Hello World
- b) HelloWorld
- c) Hello+World
- d) "Hello" "World"

20. What is a loop in programming?

- a) A way to repeat a block of code multiple times
- b) A way to store data
- c) A way to define a function
- d) A way to handle errors

### Section E:

### Logical Reasoning

21. What is the next number in the series: 3, 6, 9, 12, \_\_\_?

- a) 14
- b) 15
- c) 16
- d) 18

22. If in a code language, TREE is written as UQFD, how will APPLE be written in that code?

- a) BQQMF
- b) BQQKF
- c) BRRLF
- d) BQQMG

23. Choose the word which is least like the others in the group:

- a) Pen
- b) Pencil
- c) Eraser
- d) Sharpener

24. If MANGO is coded as 41537 and APPLE is coded as 14432, how will GRAPE be coded?

- a) 71532
- b) 71534
- c) 71542
- d) 71531

25. Find the odd one out:

- a) Circle
- b) Square
- c) Rectangle
- d) Triangle



**Answer Key:**

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