


**CREST Cyber Olympiad (CCO)**

# Sample Paper

Pattern and Marking Scheme				
Grade	Topic/Section	No. of Questions	Marks per Question	Total marks
Grade 2	Computer & IT	25	1	25
	Achiever's Section	10	2	20
<b>Grand Total</b>		<b>35</b>		<b>45</b>

The total duration of the exam is 60 minutes.

## Syllabus

### Section 1: Computer & IT

#### 1. Computers – The Ultimate Tool

- Advantages and Disadvantages of computers
- Desktop: Taskbar, Search and Start (Windows key)
- Input, Processing and Output
- Use of peripheral devices (Printer, Speaker, Headphone, Webcam, Scanner and Pen drive)
- Uses of computers in daily life: School, Bank, and Hospitals etc.

#### 2. Learning to use Keyboard and Mouse

- Keyboard: Alphabet and Number keys
- Use of special keys: Caps lock, Shift key, Num lock, Enter, Spacebar, Arrow keys, Delete and Backspace key
- Key Combinations: Mouse
- Clicking and Hovering
- Buttons of mouse and their uses
- Drag and Drop
- Types of Mouse: Optical, Wired, Wireless, Touchpad and Gaming

### **3. Basic Computer Operations**

- Restarting, Sleep, Lock and Searching; Minimize, Maximize, Close

### **4. Internet and Google**

- Searching with Google
- Online Communications
- WhatsApp
- Online streaming
- YouTube Kids

### **5. Software Familiarization**

- Introduction to Word processing
- Using Microsoft Word to write and Basic text formatting (Bold, Italic, Underline and Changing Size of Text), Title bar and Saving a file
- Applications used in mobile phones and computer E.g. YouTube kids and Games, WhatsApp, Alarm clock, Google Calendar, Calculator
- Elements of Multimedia (video, audio, text, animation, image)

### **6. MS Paint**

- Advanced tools in Paint
- Line, Eraser, Fill, Magnifier and shapes
- Saving your Drawing

### **7. Latest Developments in the Field of IT**

- Drone, Smartwatches, Online shopping, Gaming console

## **Section 2: Achievers Section**

Higher Order Thinking Questions - Syllabus as per Section 1.

Questions are based on Windows 11.

For more details, visit <https://www.crestolympiads.com/cyber-olympiad-cco>

## Computer & IT (Each Question is 1 Mark)

1. Using MS Paint, Richard has drawn a picture of a house with a garden in front of it. Now, he wants to write his name perfectly on the picture. Which tool should he use?

- a. Brush tool
- b. Pencil tool
- c. Text tool
- d. Line tool

2. What does PC stands for?

- a. Personal Computer
- b. Private Computer
- c. Powerful Computer
- d. Pocket Computer

3. Which of these is an input device?



4. Identify the computer given in the figure:



- a. Laptop
- b. Desktop
- c. Palmtop
- d. Mainframe

5. Which type of computers are the fastest in the world?

- a. Microcomputer
- b. Supercomputer
- c. Macrocomputer
- d. Mainframe computer

6. Which of these is an instant messenger?



7. Which function does the following icon indicate?



- a. Restart
- c. Shut Down

- b. Sleep
- d. Log Off

8. Fill in the blanks:

A computer converts raw \_\_\_\_\_ into useful \_\_\_\_\_.

- a. data, information
- c. data, process

- b. programs, data
- d. information, speed

9. In an examination the question was to complete the analogy. Romy is confused among the given options. Can you assist her?

CPU : Power House :: Mouse :

- a. Immovable and Input Device
- c. Cursor controlled and Output Device

- b. Cursor controlled and Input Device
- d. Immovable and Output Device

10. Select the odd one from the following options:

- 1. Input to the computer system
- 2. Alphabetic and Numeric Keys
- 3. Dragging and Dropping
- 4. Page Up and Page Down

- a. Option 3
- c. Option 4

- b. Option 2
- d. Option 1

11. Krish drew a beautiful drawing using the MS Paint application. His teacher asked him to zoom the image. Which among the following options should he use to zoom the image?



12. Johnson was typing a particular document. He wanted the entire text to be converted to italic. Which among the following key combinations will help him to do so?

- a. Ctrl + A, Ctrl + I  
c. Ctrl + A, Ctrl + U

- b. Ctrl + A, Ctrl + B  
d. Ctrl + A, Ctrl + V

13. Kim and Geneva have connectivity at their places and have efficient connectivity. Which among the following options do you think is responsible for internet connectivity?

- a. Modems  
c. USB Cable

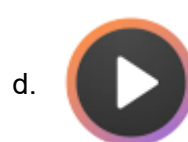
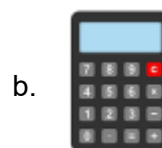
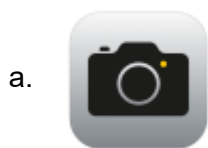
- b. Computers  
d. Wi-Fi Routers

14. Jacob uses his school computer. What should he do after finishing his work?

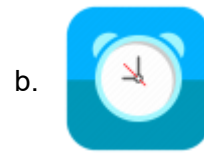
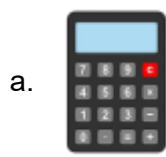
- a. Shutdown  
c. Lock the screen

- b. Leave it open  
d. Leave the files open

15. Liam is shopping and wants to quickly find the total cost of three items. What tool can help him?



16. Emma wants to wake up early for school. Which mobile application will help her?



17. Fill in the blank:

If Ava wants to set a time to wake up, she should use the \_\_\_\_\_ app.



alarm clock



radio



media player



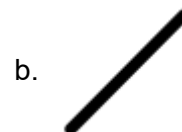
youtube kids

18. Fill in the blank:

To draw a rectangle, you need to use the \_\_\_\_\_ Tool.



Oval



Line



Rectangle



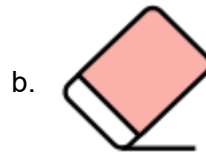
Eraser

19. Fill in the blank:

Lucas wants to draw a sun. The best tool for making a round sun is \_\_\_\_\_.



Rectangle



Eraser



Line

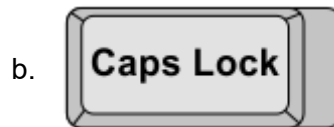


Oval

20. Which of these can be used to order food, clothes, and gadgets online?

- |                    |                     |
|--------------------|---------------------|
| a. Drone           | b. Online streaming |
| c. Online Shopping | d. Smartwatch       |

21. Which keys help move the cursor left, right, up, and down?



22. Mia wrote a sentence in Notepad but made a mistake. What can she use to erase the mistake?

- |                  |   |
|------------------|---|
| a. The Arrow key | b. Ask her friend to imagine the drawing. |
| c. The Spacebar  | d. The Backspace key                      |

23. Which type of mouse does not need a wire to connect?

- |             |             |
|-------------|-------------|
| a. Wired    | b. Joystick |
| c. Wireless | d. Gamepad  |

24. If the mouse pointer moves by itself, what could be the reason?

- |                          |                    |
|--------------------------|--------------------|
| a. Mouse is disconnected | b. Battery problem |
| c. Too many wires        | d. Keyboard issue  |

25. What is the Internet used for?

- a. Only for playing games.
- b. Learning, chatting, and sharing.
- c. Only for drawing.
- d. Only for listening to music.

## Achiever's Section (Each Question is 2 Marks)

26. Your mother ordered a pizza using internet, it came directly at your home. What did your mother do here?

- a. Gaming
- b. Played a pizza video
- c. Online shopping
- d. She went to the shop and bought it

27. Which part of a CPU coordinates all the functions of a computer?

- a. Motherboard
- b. Keyboard
- c. Control unit
- d. Mouse

28. Which among the following key combinations will you use for the given command?



- a. Ctrl + X
- b. Ctrl + C
- c. Ctrl + Z
- d. Ctrl + Y

29. Read the given description and select among the options that will best relate to the given statements:

1. An input device
2. Resembles like that of typewriter

Rony is confused to select among the given options. Can you assist him in selecting the correct option?

- a. It has multiple buttons on it called as keys
- b. It is a pointer device
- c. It is used to display graphics
- d. It forms a part of the mother board.

30. Fill in the blanks:

On a computer, files are stored in \_\_\_\_\_, which are also known as \_\_\_\_\_.

- a. folders, directories
- b. directories, files
- c. files, folders
- d. files, drives



**31. Fill in the blanks:**

- i. When you start the computer, the first screen that you see is \_\_\_\_\_.
  - ii. After starting your computer, you may need to enter a code to log into your account. The code needed to access your account is called \_\_\_\_\_.
- a. (i) wallpaper, (ii) help
  - c. (i) icons, (ii) limitations

- b. (i) monitor, (ii) clue
  - d. (i) desktops, (ii) password

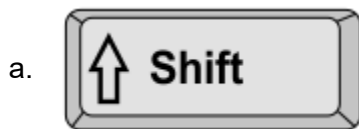
**32.** What element of multimedia helps us hear sounds?

- a. Video                                      b. Animation  
c. Audio                                        d. Text

**33.** You made a mistake in your drawing. What should you do to fix it fast?

- Restart the drawing.
- Use the Undo button.
- Delete the file.
- Zoom in and erase.

**34.** Which key is used to move to the next line while typing?



**35.** If you send a message on WhatsApp without the Internet, what will happen?

- The message will send.
- The message will not send.
- The phone will restart.
- The message will turn into a call.

## Answer Key

1.	c	2.	a	3.	b	4.	b	5.	b	6.	c	7.	b
8.	a	9.	b	10.	a	11.	a	12.	a	13.	d	14.	a
15.	b	16.	b	17.	a	18.	c	19.	d	20.	c	21.	c
22.	d	23.	c	24.	a	25.	b	26.	c	27.	c	28.	d
29.	a	30.	a	31.	d	32.	c	33.	b	34.	d	35.	b