


CREST Cyber Olympiad (CCO)

Sample Paper

Pattern and Marking Scheme				
Grade	Topic/Section	No. of Questions	Marks per Question	Total marks
Grade 3	Computer & IT	25	1	25
	Achiever's Section	10	2	20
Grand Total		35		45

The total duration of the exam is 60 minutes.

Syllabus

Section 1: Computer & IT

1. Fundamentals of Computer

- Hardware and Software
- Input and Output devices
- Storage devices and Memory: Hard Drive, Flash Drive, Memory Cards, RAM/ROM
- System Software: Operating Systems (Windows, MacOS, Linux, Android, IOS)
- Application Software
- Productivity Software (MS Word, MS Excel, MS PowerPoint)
- Web Browsers (Google Chrome, Microsoft Edge, Opera and Mozilla Firefox)
- Communication Software (Gmail, WhatsApp, Zoom, Google Meet); Entertainment & Gaming Software (Minecraft, Temple Run, YouTube Kids)
- Utility Software (Antivirus)

2. Basic Computer Operations

- Booting and Rebooting
- Lock and Passwords)

3. GUI Operating System and Desktop Management

- Windows and GUI
- Context menu (also known as a shortcut menu or pop-up menu)
- Microsoft store
- Play store

4. Introduction to File Management

- How to Open, close, create, rename and delete a file or Folder
- Cut, Copy, Paste, Drag and Drop),

5. Keyboard and Mouse

- Keyboard - Shortcut Keys: Save (CTRL+S), Select All (CTRL+A), Print (CTRL+P), Find (CTRL+F), Close (CTRL+W), Reopen Closed Tab/Window (CTRL+SHIFT+T)
- Mouse - Cursor: text insertion (I-Beam and blinking line), pointing (arrow), selection (crosshair), busy (hourglass or spinning circle), and a default cursor (often an arrow)

6. Introduction to Word Processing

- New documents: Creating, Opening, Renaming and Printing
- Editing commands: Cut, Copy, Paste, Undo and Redo, moving in a document using Home and End Keys
- Text formatting: Font Colour, Fill Colour, Fonts, Cases),

7. Internet – A Digital World

- Use of Internet in our daily life, Online and offline
- Web Addresses (also known as URLs), Website, Web Browser
- Wireless Connections: Mobile Data, Bluetooth, and Wi-Fi
- Google Apps: Search, YT Music Translate, Play Store and Contacts),

8. MS Paint

- Advance tools: Types of Brushes, Rotate and Flip tools, Text, Curve, Tool Size, Resize and Skew, Cropping
- Undo and Redo; Colour Palette and Edit colours
- Editing Images
- Save and Save as

9. Latest Developments in the Field of IT

- Talking devices (Alexa, Siri and Google Nest)
- Biometric software: Fingerprint Scanner, Face Recognizer, Voice Recognition)

Section 2: Achievers Section

Higher Order Thinking Questions - Syllabus as per Section 1.

Questions are based on Windows 11 and MS Office 2016.

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

Computer & IT (Each Question is 1 Mark)

1. Choose the correct answer:

Tyson wants to exit from the game he is playing. Which key will help him in order to do so?

- a. ESC
- b. TAB
- c. ENTER
- d. PrtSc

2. Fill in the blank:

In a website, there can be more than one _____.

- a. web sites
- b. web browsers
- c. networks
- d. web pages

3. Which of the following device is used for a video chat session with another person?



4. Which of the following are the phone series made by Apple Inc?

- a. ROG
- b. Pixel
- c. iPhone
- d. Galaxy

5. Identify the given device:



- a. Calculator
- b. Modem
- c. Concept keyboard
- d. Scanner


6. What is the keyboard shortcut to make an active window half-sized, right justified?

- a. Window Key + Arrow Up
- b. Window Key + Arrow Down
- c. Window Key + Arrow Right
- d. Window Key + Arrow Left

7. Which of the following options within the Table group of the Insert tab is used to place a table in an MS Word document?
- a. Cut
 - b. Table
 - c. Paste
 - d. Copy
8. Which among the following options best describes the given word?
HARDWARE
- a. Applications that can be operated
 - b. Websites
 - c. Actual equipment that can be touched
 - d. Instructions that can be executed
9. Juhi wants to type in "www.google.com", but she doesn't know in which part of the browser window the text is to be typed and needs your assistance. Can you assist Juhi in doing the same?
- a. Status Bar
 - b. Scroll Bar
 - c. Task Bar
 - d. Address Bar
10. Which of the following statements is not true in context of a CPU?
- a. You can watch movies on it.
 - b. It stands for Central Processing Unit.
 - c. It is the brain of the computer.
 - d. It makes all the parts of a computer work.
11. Fill in the blank:
While working with a mouse, you generally place your _____ on the left mouse button.
- a. Middle finger
 - b. Thumb
 - c. Index finger
 - d. Small finger
12. Which of the following things cannot be done on smartphones?
- a. Playing games
 - b. Listening music
 - c. Video calling
 - d. Cooking
13. Find the odd one out from the following:
- a. LAN
 - b. USB cable
 - c. Modems
 - d. Routers

14. Tim's teacher displayed the given image on the screen and asked her what is the name of the tool used for drawing the given image. What according to you is the correct answer?



- a. 
- b. 
- c. 
- d. 

15. Find the odd one out:

- a. Arial
b. Times New Roman
c. Superscript
d. Verdana

16. Watson wants to write a story but he forgot what application he is supposed to use. Help him Choose the right application.

- a. MS Excel
b. MS Word
c. Webpage
d. Wordart

17. Kiwi wants to print the story she wrote on MS Word. what is the shortcut that should be used in MS Word to print a document

- a. CTRL + P
b. CTRL + S
c. ALT + P
d. ALT + S

18. Complete the analogy :-

Watching YouTube : Video Streaming :: Video Calling : _____

- a. Virtual Reality
b. Playing Games
c. Online Communication
d. Video Streaming

19. If Play Store is not working, what should you check first?

- a. Internet connection
b. CPU
c. Battery
d. Bluetooth connection

20. Fill in the blank:

To find a specific app in Microsoft Store you _____.

- a. use the search bar
- b. delete an app first
- c. use the Play Store
- d. restart the computer

21. What happens if you click and drag a file to another folder?









- a. It gets copied
- b. It gets deleted
- c. It gets locked
- d. Its gets moved

22. Sophia selects text and presses 'Ctrl + X', but now the text is missing. What should she do to get it back?

- a. Press 'Ctrl + V'
- b. Press 'Ctrl + C'
- c. Press 'Ctrl + Y'
- d. Click Copy

23. Fill in the blank:

Henry made a mistake in his drawing and wants to undo it. He should press _____.

- a.  + 
- b.  + 
- c.  + 
- d.  + 

24. Ethan is using Google Chrome. What is Google Chrome?



- a. A URL
- b. A website
- c. A web addresses
- d. A web browser

25. If the computer has a problem and you restart it, what is this process called?

- a. Replacing
- b. Turning off
- c. Rebooting
- d. Recharging

Achiever's Section (Each Question is 2 Marks)

26. Which of the following is the set of cursor control keys in the keyboard?

- a. Arrow Keys, Insert Key, Home Key, Page Up Key, Rotate Key, Delete Key and End Key
- b. Arrow Keys, Home Key, Page Up Key, Page Down Key, Delete Key and Control Key
- c. Arrow Keys, Insert Key, Shift Key, Page Up Key, Page Down Key and End Key
- d. Arrow Keys, Tab Key, Home Key, Page Up Key, Page Down Key and End Key

27. Fill in the blank:

_____ is the process of getting a file directly into your computer from the Internet.

- a. Sending
- b. Transferring
- c. Downloading
- d. Installing

28. Fill in the blank:

2 Megabytes (MB) is equal to _____ Kilobytes (KB).

- a. 2000
- b. 1024
- c. 2048
- d. 4000

29. State which among the following statements are incorrect:

- 1. Computers are used in banks and offices to keep a track of the employees record.
- 2. Primary storage Memory Devices have larger storage compared to Secondary storage devices.
- 3. Laptops can work without an external CPU.
- 4. The capacity of the storage device is referred to as time it can store the data.

- a. Statement 2 and statement 3 are incorrect
- b. Statement 2 and statement 4 are incorrect
- c. Statement 1 and statement 3 are incorrect
- d. Statement 1 and statement 4 are incorrect

30. Rony put a memory card into his tablet to use the things saved in it. Which one helps the tablet show what's inside the memory card?



31. Select which among the following statement(s) is/are correct:

1. MS Paint application does not need Internet connectivity.
2. MS stands for "MacroSoft" in MS Paint.
3. Drawings in Ms paint are saved as picture.

- | | |
|--------------------------------|--------------------------------|
| a. Statement 1 and statement 3 | b. Statement 3 |
| c. Statement 2 and statement 3 | d. Statement 1 and statement 2 |

32. Which among the following statement(s) is/are correct?

1. RAM and hard drive are the same in terms of volatility.
2. The video card enables the computer to send output images to the monitor.
3. ROM is found in the memory slots of the motherboard.

- | | |
|--------------------------------|--------------------------------|
| a. Statement 1 and statement 3 | b. Statement 2 and statement 3 |
| c. Statement 2 | d. Statement 3 |

33. What happens when you update an app from Microsoft Store?

- | | |
|---------------------------|--|
| a. The screen turns green | b. Full battery |
| c. The app disappears | d. The app gets Fixed and new features |

34. Ethan wants to move a folder using the keyboard. Which shortcut should he use?

- | | |
|-------------------------------|-------------------------------|
| a. 'Ctrl + X' then 'Ctrl + W' | b. 'Ctrl + X' then 'Ctrl + V' |
| c. 'Ctrl + X' then 'Ctrl + Y' | d. 'Ctrl + X' then 'Ctrl + Z' |

35. What happens to your running apps when you reboot?

- | | |
|---------------------|-------------------|
| a. They get deleted | b. They get saved |
| c. They get closed | d. They get moved |

Answer Key

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