



CREST Cyber Olympiad (CCO)

Sample Paper

Pattern and Marking Scheme

Grade	Topic/Section	No. of Questions	Marks per Question	Total Marks
Grade 6	Computer & IT	40	1	40
	Achiever's Section	10	2	20
Grand Total		50		60

The total duration of the exam is 60 minutes.

Syllabus

Section 1: History and Generation of Computers, Types of Computers, MS Windows, MS Word (Working with Charts and Tables, Using Page Layout tab, Arranging Multiple Windows of a Document), MS PowerPoint (Creating Presentation using Animation, Custom Animation and Transitions, Creating New Slides using Slides Pane, Outline Pane and Slides from Outline, Working with Hand-out and Notes Master, Arranging Multiple Windows of a Presentation, Working with Charts and Tables), Internet & E-mail, Hardware, Software, Input & Output Devices, Memory & Storage Devices, Latest Developments in the Field of IT.

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>

Computers & IT (Each Question is 1 Mark)





- The most frequently used instructions of a computer program are likely to be fetched from which of the following?
 - The hard disk
 - Cache memory
 - RAM
 - Registers
- Which of the following software best describes an Operating System?
 - Accounting Software
 - Application Software
 - System Software
 - Utility Software
- In MS Word, which bar is usually located below the title bar that provides categorised options?
 - Menu bar
 - Status bar
 - Tool bar
 - Scroll bar
- Fill in the blank:
The maximum zoom percentage in MS PowerPoint is _____.
 - 100%
 - 200%
 - 400%
 - 500%
- Which of the following allows you to select more than one random slide in a presentation?
 - Alt + click each slide
 - Shift + drag each slide
 - Shift + click each slide
 - Ctrl + click each slide
- Fill in the blank:
The legal right to use software based on specific restrictions is granted via a _____.
 - Software privacy policy
 - Software license
 - Software password manager
 - Software log
- What resides on the motherboard and connects the CPU to other components on the motherboard?
 - Input unit
 - System bus
 - ALU
 - Primary memory
- What is the shortcut key for Centre Alignment in MS Word?
 - Ctrl+ B
 - Ctrl+ C
 - Ctrl+ D
 - Ctrl+ E

9. Which of the following is not an advantage of Integrated Circuits?
- Easy replacement in case of circuit failure
 - Extremely high reliability
 - Reduced cost
 - Low power consumption
10. Which of the following Printer(s) can be classified as a page-at-a-time printer?
- Laser printer
 - Dot-matrix printer
 - Thermal printer
 - All of the above
11. Fill in the blank:
A portable hardware device designed specifically for reading digital publications is called _____.
- Notebook
 - E-Reader
 - Tablet
 - Hybrid Laptop
12. What is the full form of URL?
- Uniform Research Location
 - Universal Resource Locator
 - Uniform Research Language
 - Uniform Resource Locator
13. Fill in the blank:
_____ is a storage area that holds the data when a computer runs out of RAM.
- Hard drive
 - Optical storage device
 - Secondary storage device
 - Online storage
14. Cloud computing is a rapidly evolving concept in the 21st century. Its biggest advantage is that data is accessible from anywhere in the world.
What was its biggest concern?
- Increase in cost
 - Security of data
 - Data not being accessible
 - Not having data backup
15. What is the shortcut key of hyperlink?
- Ctrl+A
 - Ctrl+B
 - Ctrl+C
 - Ctrl+K
16. Jane wants to view two clocks on her Windows 11 machine. How can she achieve this?
- Go to "Control Panel" and add "Additional Clocks"
 - Go to "Date and Time setting" and add "Additional Clocks"
 - Go to "Accessories" and add "Additional Clocks"
 - Not possible in Windows 11

17. Which of the following statement about MS Word 2016 interface is false?

- a. The ribbons in Word can be customized
- b. The group commands on a ribbon has a small arrow which we can click to see more options
- c. The "Print" and "Save" options in MS Word 2016 are available on the Backstage View
- d. The "Quick Access Toolbar" is located in the "Home" tab

18. Context Help can be activated in MS PowerPoint using which of the following keyboard key?

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

19. Arrange the following in the order in which they should be developed:

- 1. Pseudo Code
- 2. Flow Chart
- 3. Program

- a. Program > Pseudo Code > Flow Chart
- b. Pseudo Code > Program > Flow Chart
- c. Flow Chart > Pseudo Code > Program
- d. Program > Flow Chart > Pseudo Code

20. Which of the following is an input device?

- a. Inkjet Printer
- b. Headphones
- c. Projector
- d. Optical Character Reader

21. Fill in the blank:

A set of rules used by computers and networks to talk to each other is known as _____.

- a. NIC
- b. Protocol
- c. IP
- d. Router

22. Fill in the blank:

The part of the URL highlighted here <https://www.google.co.in/> that uniquely identifies an internet host site is known as _____.

- a. Server name
- b. Domain name
- c. Website Address
- d. File Name

23. Maverick regularly visits the web page of his school to download study material posted by his teachers. It is difficult for him to remember and type in the long URL of the website. Which of the following feature of the browser can help him?

- a. Bookmark
- b. Address Bar
- c. Settings
- d. Tag Page

24. While browsing a website Shashi found an image which he wants to save into his "Pictures" folder.

Which of the following options should he try?

- a. Right Click > click on "Download Image"
- b. Right Click > Click on "Save Image As"
- c. Take a screenshot
- d. Images cannot be saved from web page

25. Fill in the blank:

The default browser for iOS devices is _____.



Chrome



Firefox



Safari



Internet Explorer

26. In today's world almost all the memories are made up of which of the following material?

- a. Carbon
- b. Semi-conductors
- c. Insulators
- d. Metals

27. Fill in the blank:

Application of Animation effects in MS PowerPoint adds the element of timing to a presentation. The Animation effects available in PowerPoint are visible in _____ gallery.

- a. Effects
- b. Animation
- c. Styles
- d. Timings

28. Shadows can be added to MS PowerPoint shapes using which among the following option?

- a. Shape Fill
- b. Shape Effects
- c. Shape Outline
- d. Shape Colour

29. Which of the following protocol is most closely associated with e-mails?

- a. HTTP
- b. HTTPS
- c. SMTP
- d. FTP

30. Which of the following is not an example of Non-Volatile Memory?

- a. Flash Memory
- b. RAM
- c. Optical Disks
- d. Magnetic Tape

31. David wants to use a QBASIC program to extract the text "RATION" from the "OPERATIONS". Which of the following library functions should he use?

- a. LEFT\$
- b. RIGHT\$
- c. MID\$
- d. SUBSTR\$

32. Fill in the blank:

The image below shows an image of the part of Gmail where you can see all the new emails that have been sent to you. This is called _____.



- a. Sent Messages
- b. Inbox
- c. Promotions
- d. Outbox

33. Fill in the blank:

The image below shows the logo of a computer program that works as an intelligent personal assistant. It is called _____.



- a. Sire
- b. Siri
- c. Seri
- d. Simi

34. Which of the following options need to be followed in order to add a new program to the Windows 11 Start menu?

- a. Left Click on the Program Icon and select "Pin to Start Menu"
- b. Right Click on the Program Icon and select "Pin to Start Menu"
- c. Left Click on the Program Icon and select "Add to Start Menu"
- d. Right Click on the Program Icon and select " Add to Start Menu"

35. Which of the following function is represented by the icon shown here?



- a. Device Manager
- b. Personalization
- c. Internet Options
- d. Devices and Printers

36. An output device is a device which sends processed signals or data to the outside system peripheral. Which one of the following is the set of all input devices?
- a. Dot matrix printer, MICR, CRT Monitor b. CRT Monitor, Laser Printer, Light pen
c. LCD Monitor, Laser printer, OMR d. Light Pen, MICR, Barcode Reader
37. Complete the sentence:
MS Word provides many options for copy and paste operations. Which one of the following is the best and quick copy paste operation?
- a. Drag and drop b. Delete each word and re-type
c. Ctrl + C, Ctrl + V d. Scratch and rewrite
38. The button X^2 gives the effect as AB^2 in MS Word 2016. What is the X_2 button used for?
- a. To insert footnote b. To format the selected text into uppercase
c. To insert endnote d. To format the selected text into subscript
39. In MS Excel 2016, what formula is used to count the number of cells having values between cells A1 to A10?
- a. A1, A2, A3,, A10 b. Count (A1:A10)
c. Find (A1:A10) d. All of these
40. David gets a green underline when he types a sentence in his document. Which one of the following MS Word features is shown by this type of underline?
- a. Spelling Error b. Smart Tags
c. Grammar Error d. Auto Correct entry

Achiever's Section (Each Question is 2 Marks)

41. Which among the following statements is incorrect?
1. Cache memory keeps the programs that can be run in a short amount of time.
 2. Cache memory stores data for permanent use.
 3. The size of cache memory is usually small.
 4. Cache memory is faster than main memory.
- a. Only 1 b. Only 2
c. Only 3 d. Only 4
42. Identify the tool with the help of the description given below:
1. It is a useful tool that will let you easily produce multiple letters, labels, name tags, and more using information stored in a list, database, or spreadsheet.
 2. It is the process of combining a list of data with a template.
 3. It is used to create multiple documents at once. These documents have identical layout, formatting, text, and graphics.
 4. Only specific sections of each document vary and is personalised.
 5. The documents Word can create with this tool include bulk labels, letters, envelopes, and emails.

- a. Word Art
- b. Mail Merge
- c. Cover Page
- d. Page Layout

43. With reference to the IF construct in QBASIC, match the following statements with the functions they perform:

Column A		Column B	
a.	IF	i.	Used at the end of the construct to terminate it
b.	ELSEIF	ii.	contains an alternate condition which gets executed when the IF condition becomes false
c.	END IF	iii.	Contains the required condition to be checked

- a. (a) - (i), (b) - (ii), (c) - (iii)
- b. (a) - (iii), (b) - (i), (c) - (ii)
- c. (a) - (iii), (b) - (ii), (c) - (i)
- d. (a) - (ii), (b) - (iii), (c) - (i)

44. Fill in the blank:

Neymar receives an email from a colleague. The email has one person in "To", two people in "CC" and one person in the "BCC" list. She clicks "Reply All" in her email software to send a response. Neymar's reply email will go to _____.

- a. All in "To", "CC" and "BCC"
- b. Only to those in "To"
- c. Only to those in "To" and "CC"
- d. None of the above

45. Arrange the following versions of the android operating system starting with the most recent release - Nougat, Marshmallow, Lollipop, KitKat. Arrange the following versions of the android operating system starting with the most recent release - Nougat, Marshmallow, Lollipop, KitKat.

- a. Marshmallow > Nougat > Lollipop > KitKat
- b. Nougat > Marshmallow > Lollipop > KitKat
- c. Lollipop > KitKat > Nougat > Marshmallow
- d. Nougat > KitKat > Marshmallow > Lollipop

46. Identify the correct statement(s):

Statement 1: Overuse of the Internet leads to obesity due to a lack of physical activity, one can become a computer addict.

Statement 2: Internet is used for online shopping, uploading and downloading files, and chatting.

Statement 3: One can learn via the Internet i.e., in digital form commonly known as E-learning.

- a. All the statements are correct
- b. Only statements 2 and 3 are correct
- c. Only statements 1 and 2 are correct
- d. Only statement 3 is correct and all other are wrong

47. Mr. David is the CEO of a company and he has data of various departments arranged in excel sheets. All these sheets are part of the same workbook. However, to view the department wise data he finds it difficult as name is not given to each sheet. The names of the sheets are Sheet1, Sheet2, etc. He wants to rename it based on department names like Accounts, Sales, Marketing, etc. How can he do that?

- a. Home tab → Cell Group → Format → Rename Sheet
- b. Shortcut key to rename Alt + H → O → R
- c. Right Click on the sheet → Rename
- d. All the above options are correct

48. Which of the following statements is/are correct?

Statement 1: PowerPoint is a presentation application used to create interactive presentations.

Statement 2: It is easy and flexible.

Statement 3: PowerPoint has .pptx file extension.

- a. Statement 1 is correct
- b. Statement 2 is correct
- c. Statement 3 is correct
- d. All statements are correct.

49. Which one of the following is true?

Statement 1: Web server is a program that uses HTTP protocol (Hypertext Transfer Protocol) to the server, the files on the web pages and webpage is a page written in BASIC language that can be accessed through the Internet.

Statement 2: Web page is a page written in .docx files that can be accessed through the Internet.

Statement 3: Webserver is not used on the web.

- a. Statement 1 and 3 are correct and Statement 2 is incorrect
- b. Statement 1 is incorrect and Statement 2 and 3 are correct
- c. All statements are incorrect
- d. All statements are correct

50. Match the following:

Column A		Column B	
a.	Firefox	i.	Web browser developed by Microsoft
b.	Chrome	ii.	Web browser developed by Mozilla
c.	Safari	iii.	Web browser developed by Google
d.	Edge	iv.	Web browser developed by Apple Inc.

- a. (a) - (iv), (b) - (i), (c) - (iii), (d) - (ii)
- b. (a) - (iv), (b) - (iii), (c) - (ii), (d) - (i)
- c. (a) - (ii), (b) - (iii), (c) - (iv), (d) - (i)
- d. (a) - (i), (b) - (iv), (c) - (ii), (d) - (iii)

Answer Key

1.	b	2.	c	3.	a	4.	c	5.	d	6.	b	7.	b
8.	d	9.	c	10.	a	11.	b	12.	d	13.	a	14.	b
15.	d	16.	b	17.	d	18.	c	19.	c	20.	d	21.	b
22.	b	23.	a	24.	b	25.	c	26.	b	27.	b	28.	b
29.	c	30.	b	31.	c	32.	c	33.	b	34.	b	35.	d
36.	d	37.	c	38.	d	39.	b	40.	c	41.	b	42.	b
43.	c	44.	c	45.	b	46.	a	47.	d	48.	d	49.	a
50.	c												