



CREST Cyber Olympiad (CCO)

Previous Year Paper (2022-23)

Class 3 (Set - A)

Time Allowed: 1 hour

Maximum Marks: 45

- Additional **10 minutes** will be allotted to fill up information on the OMR Sheet, before the start of the exam.
- Fill in all the mandatory fields clearly on the OMR Sheet.
- There are a total of **35 questions** in this booklet comprising **2 sections** namely
- the **Computer & IT and Achievers' Section** consisting of **25 questions (1 mark each) & 10 questions (2 marks each)** respectively.
- There is no negative marking. The use of a calculator is not permitted.
- There is **only ONE correct option** to a given question.
- Use **HB Pencil or Blue / Black ball point pen only** for marking the correct choice of answers on the OMR Sheet.
- Rough work is to be done in the space provided in the test booklet. Extra plain sheet may be provided by the school for the rough work.
- The OMR Sheet is to be handed over to the invigilator at the end of the exam.
- No candidate is allowed to carry any textual material, printed or written, bits of paper, any electronic device, etc. inside the examination hall.
- The use of unfair means may result in the cancellation of the exam. Any such instances may be reported at **+91-98182-94134** or **info@crestolympiads.com**

DO NOT OPEN THIS BOOKLET UNTIL ASKED TO DO SO

FILL IN THE DETAILS

Candidate Name: _____

Class: _____ Section: _____

CREST ID: _____

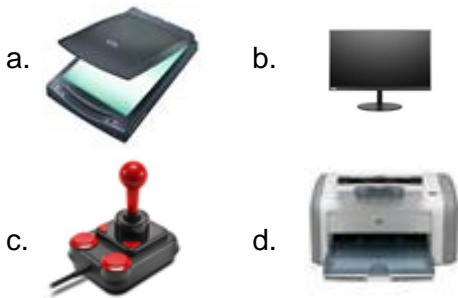
Computers & IT (Each Question is 1 Mark)

1. Fill in the blank:

Different bank transactions can be done online with the help of a computer system. This is also known as _____.

- a. e-Books b. e-Business
c. e-Banking d. e-Marketing

2. Which among the following devices is the same as that of a xerox machine except for that it creates a digital copy?



3. Which of the following is NOT an example of Instant Messaging in Internet?

- a. Email b. WhatsApp
c. Discord d. Telegram

4. The Internet can be used in which of the following areas?

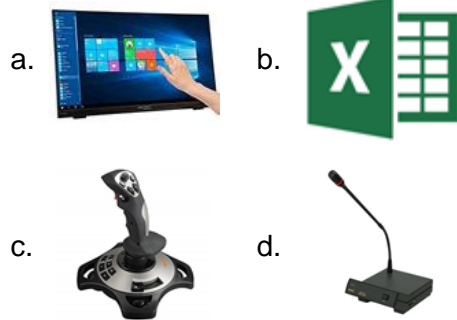
- a. Shopping
b. Chatting
c. Reading e-books
d. All of these

5. Identify the given device:



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

6. Find the odd one out:

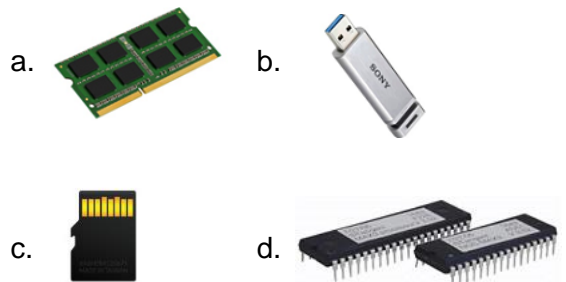


7. Which among the following options best fits to the given description?

1. It is also known as volatile memory.
2. Directly accessible to the CPU.
3. Comprises of Internal memory.
4. Small in size.

- a. Flash memory
b. Tertiary memory
c. Secondary memory
d. Primary memory

8. Dave and Eva were working on a group activity. Dave wants the documents and assignment that were stored in Eva's local computer. However, Dave is unaware which among the following options should he use for convenient and efficient file sharing?



9. Olivia wants to create a new file in MS Paint application. Which among the following options will help her to do so?

- a. View Menu b. Edit Menu
c. File Menu d. Help Menu

10. Match the following:

	Column A		Column B
1.	Saving a file	a.	Tool box
2.	Copying a file	b.	File menu
3.	Zooming an image	c.	Edit menu

- a. 1 - b, 2 - c, 3 - a
- b. 1 - b, 2 - a, 3 - c
- c. 1 - c, 2 - b, 3 - a
- d. 1 - a, 2 - c, 3 - b

11. Charles used MS Word for developing his assignments. He saw the word count at the bottom of the window. What do you think is the name of this bar?

- a. Status Bar
- b. Title Bar
- c. Menu Bar
- d. Task Bar

12. State which among the following statement(s) is/are false:

Statement 1: Power supply unit plays a vital role in the computer system.

Statement 2: RAM is slower than the secondary devices.

Statement 3: Read only memory is the physical hardware inside a computer that temporarily stores data.

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

13. Fill in the blank:

The portrait option is one of the _____ options of the MS Word application.

- a. page orientation
- b. font name
- c. font style
- d. indenting

14. Find the odd one out in context to the Internet:

- a. Online Communications
- b. Online Bill Payment
- c. Online Recharge
- d. Online gaming

15. John's grandfather reads the newspaper every morning. Which among the following options do you think is responsible for printing information on the paper?



16. Fill in the blank with the correct option:

_____ prevents unauthorised access to the computer system and controls the incoming traffic.

- a. Firewall
- b. Security
- c. Authority Services
- d. Authentication Services

17. Read the following paragraph carefully and answer the question that follows:

Computers have been used by the army to ensure strategic defences over enemy troops. They have used computers to decipher secret messages and also to encrypt friendly communications. They use satellite images and computer-generated images to keep track of targets and vehicles.

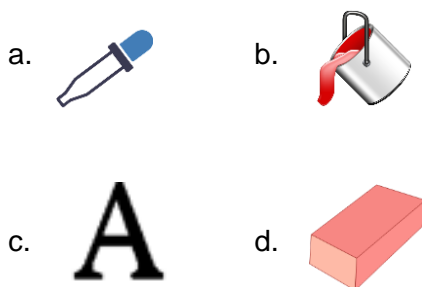
Which of the following best suits the given description?

- a. Computers are used in banks
- b. Computers are used in defence
- c. Computers are used in satellites
- d. Computers are used in manufacturing

18. Which of the following is a device that combines CPU, monitor, keyboard, and mouse in one unit?



19. Emma wanted to prepare a greeting card for Mother's Day using the MS Paint application. She wanted to write a beautiful message in the greeting card. Which among the following options will she select to write the same?



20. Anna wants to insert the page number at the bottom of the page in the MS Word application. Which among the following options will she use to insert the page number?

- a. Page Top
- b. Footer
- c. Header
- d. Page Bottom

21. Daniel wants to fill the shapes with colour. He is unaware of which MS Paint tool he should use. Can you assist him?

- a. Fill Colour
- b. Shape Effects
- c. Shape size
- d. Line Weight

22. Kiwi typed two sentences in the MS Word document. Her mother asked her to increase the space between the two sentences by 1. Which of the following options should she use in order to get the same?

- a. Wrap Text
- b. Text Effects
- c. Editing
- d. Spacing and Indentation

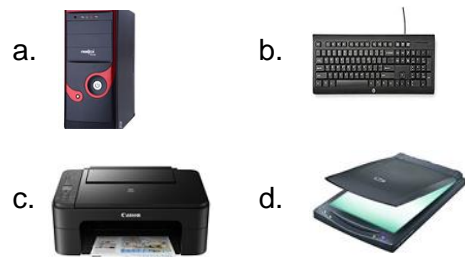
23. Match the following:

	Column A		Column B
1.	WWW pages	a.	Connectivity between two systems
2.	IP address	b.	Main protocol of internet
3.	TCP/IP	c.	Multimedia pages

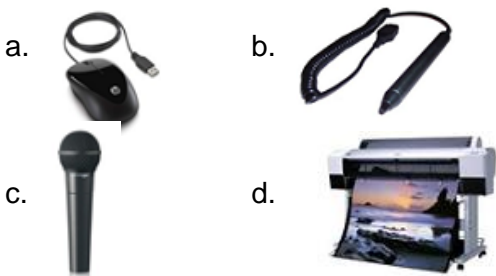
- a. 1 - a, 2 - b, 3 - c
- b. 1 - c, 2 - b, 3 - a
- c. 1 - a, 2 - c, 3 - b
- d. 1 - c, 2 - a, 3 - b

24. Identify the peripheral based on the following description:

1. It is a typewriter like device.
2. It allows a user to feed the computer.
3. It helps to execute commands with the help of functional keys.

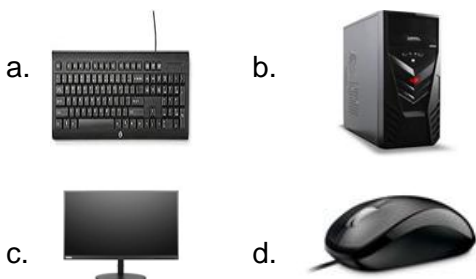


25. Select the odd one out from the following options:







Achievers' Section (Each Question is 2 Marks)

26. Noah has different software and applications installed on her computer. Which among the following options will allow her system to interact with other software and the applications installed in her system?



27. Match the following in context to MS Paint:

	Column I		Column II
i.	No fill	a.	
ii.	Natural Pencil	b.	
iii.	Fill with colour	c.	
iv.	Colour picker	d.	

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

28. Unscramble the jumbled word given below and identify the correct statement about it:

ETNIETRN

- a. It allows the exchange of information between two or more computers on a network.
- b. A device that interprets commands from a computer to make line drawings on paper with one or more automated pens.

- c. It is used for putting information including letters, words and numbers into your computer.
- d. A device used to display images, text, video, and graphics information generated by a connected computer.

29. State which among the following statement(s) is/are incorrect:
 Statement 1: Internet can be connected using a wireless technique.
 Statement 2: Webpage does not consist of animations.
 Statement 3: Internet is used for downloading movies.

- a. Only Statement 2
- b. Statement 1 and Statement 3
- c. Statement 2 and Statement 3
- d. Only Statement 3

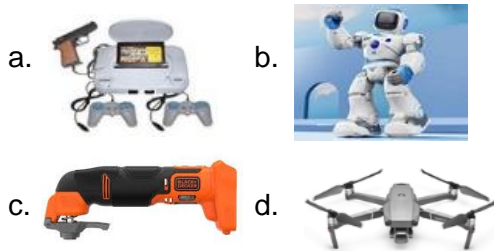
30. State which among the following statements are true:
 Statement 1: The results of the processed data that we see are known as the Output.
 Statement 2: Keyboards only have a combination of special case characters and alphabets.
 Statement 3: Input devices are used for feeding data to the computer system.
 Statement 4: Images are converted into printed documents with the help of scanners.

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

31. Which among the following device best fits the given description?
 1. Consists of a ball held by a socket.
 2. Resembles like that of a mouse.
 3. Contains sensors to detect the rotation.
 4. Also called as a pointing device.



32. Which among the following options best fits the given description?
- Eases the task done by humans.
 - Used for doing repetitive actions.
 - Widely used in manufacturing, assembly and packing, transport.



33. Read the following paragraph carefully and answer the question:
William's mother is a teacher. Due to the pandemic, she cannot reach out to school. She asks all the students to connect to a common link given by her and teaches them online. She also

assigns them a task that is to be carried out by each one of them. Which of the following option best describes the given situation?

- Computers are used in marketing
 - Computers are used in home tutoring
 - Computers are used in offices
 - Computers are used in wars
34. In MS Word 2016 which of the following shortcut keys is used to go to the beginning of the document?
- Ctrl + End
 - Ctrl + Del
 - Ctrl + Home
 - Ctrl + Ins
35. Which among the following best fits the given description?
- It is responsible for the flow of external data through USB.
 - Holds the microprocessor chip.
 - Contains CMOS, BIOS and System bus.
- PROM
 - EEPROM
 - RAM
 - Motherboard

Answer Key

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