CREST Cyber Olympiad (CCO)

Class 4 (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 / Ball point pen (Blue / Black) 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, digital watches, etc. inside the examination hall.
- The use of unfair means may result in the cancellation of the exam. Any such instances must be reported at **+91-98182-94134** or **info@crestolympiads.com**

DO NOT OPEN THIS BOOKLET UNTIL ASKED TO DO SO

FILL IN THE DETAILS

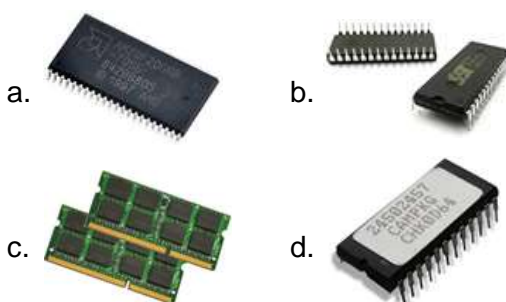Candidate Name: _____

Class: _____ Section: _____

CREST ID: _____

Computers & IT (Each Question is 1 Mark)

1. Which of the following shortcut key is used to restore the window in the Windows operating system?

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

2. Choose the odd one out from the following:

   a.   b.

   c.   d.

3. Which of the following options is used to divide or format the documents into sections of all sizes in MS Word?

   a. Section break
   b. Document break
   c. Line break
   d. Format break

4. LAN is a computer network that interconnects computers within a limited area such as a residence, school, laboratory, university campus or office building. What does LAN stand for?

   a. Land Area Network
   b. Limited Area Network
   c. Local Area Network
   d. Load Assessment Network

5. Webpages can be written using which of the following computer language?

   a. COBOL   b. HTML
   c. MS-DOS   d. FORTRAN

6. Which of the following are utility software?

   i.   McAfee
   ii.   Norton
   iii. Windows 8
   iv.   Google Chrome

   a. i and ii   b. ii and iii
   c. iii and iv   d. i and iv

7. Which of the following is the process of gaining access to a computer by giving correct user identification?

   a. Process in   b. Log out
   c. Log in   d. Process out

8. Complete the following sentence:
   To draw a blue rectangle with green boundary in MS Paint, set _____.

   a. colour 1 to blue and colour 2 to green then shape fill with solid colour
   b. colour 1 to green to draw the shape and then set colour 1 to blue then fill shape with solid colour
   c. colour 2 to blue and colour 1 to green then shape fill with solid colour
   d. it is not possible to draw such shape

9. What will you do to draw an oval with no boundary while working on MS Paint?

   a. Set the shape outline style to solid
   b. Set the shape outline style to no outline
   c. Set the shape fill style to no fill
   d. Set the shape fill style to solid

10. Fill in the blank:
    Unwanted e-mails that automatically comes to your inbox are called _____.

   a. Spam or Junk
   b. Spam or Outbox

c. Flame or Lurk
d. Lurk or Starred

11. Which of the following device is used to convert digital signal into analog signal and vice versa?

a. Transformer   b. Modular
c. Converter   d. Modem

12. Fill in the blank:
Elegant, Fancy, Normal and Modern are the types of _____.

a. fonts   b. styles
c. text patterns d. font sizes

13. Identify the type of software with the help of the description given below:
1. It performs specific tasks for an end-user.
2. It is designed to help people perform an activity.
3. Depending on the activity for which it was designed, it can manipulate text, numbers, audio, graphics, and a combination of these elements.

a. System Software
b. Application Software
c. Utility Software
d. Operating System Software

14. Which of the following type of software is used to perform one special kind of task?

a. Application Software
b. System Software
c. Management Software
d. Utility Software

15. Identify the device with the help of the description given below:
An input device that utilizes a light sensitive detector to select objects on a display screen.

a.   b.

c.   d.

16. Videos and music on a computer can be played with which of the following software?

a.   b.

c.   d.

17. Identify the icon shown:

a. Action Center
b. Device Manager
c. Sound
d. Ease of Access Center

18. When you scroll the mouse over the taskbar icons, a thumbnail preview of the open windows will appear. What is this view called?

a. Snap   b. Peek
c. Flip   d. Shake

19. Which of the following steps is correct if you want to insert the stars and banners in your in MS Word document?

a. Home tab → Star group → Shapes
b. Home tab → Illustrations group → Stars

c. Insert tab → Illustrations group → Stars

d. Insert tab → Illustrations group → Shapes

20. Identify the given device:

a. Pen drive
b. Memory card reader
c. USB card
d. Portable hard disk

21. The System and Security category allows a person to view and change the computer security settings. Which among the following options is not a subcategory of System and Security in Windows 10?

a. Check firewall status
b. Allow remote access
c. Power options
d. Uninstall a program

22. Fill in the blank:
_____ is a computer device that is also an input device. It is sensitive to pressure; a user interacts with it by touching pictures or words on it.

a. Touchscreen   b. Scanner
c. Joystick   d. Speaker

23. Identify the networking equipment shown in the given image:

a. Cable   b. Router
c. Server   d. Node

24. In context to MS Word, complete the following sentence:
The given icon is used to _____.

a. Fill the object with selected colour
b. Change the font colour
c. Increase the font size
d. Highlight the selected text with selected colour

25. Identify the gesture shown in the given figure:

a. Touch pointers
b. Motion events
c. Multitouch gestures
d. Motion tracker

Achievers' Section (Each Question is 2 Marks)

26. Which of the following statements are true?
Statement 1: Subscript creates small letter above text
Statement 2: Superscript creates small letter below text
Statement 3: Both have the same effect

a. All the statements are true.
b. Statement 3 is true and statements 1 and 2 are false.
c. All the statements are false.
d. Statement 2 is true and statements 1 and 3 are false.

27. Which option in MS Word can end a current line and lets you to continue the text on another line?

a. Document break
b. Line break
c. Section break
d. Format break

28. Match the following in context to MS Word:

Column A		Column B	
a.	Red line	i.	Contextual spelling error
b.	Blue line	ii.	Misspelled word
c.	Green line	iii.	Grammatical error

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

29. Identify the machine with the help of the given description:
1. A device whose name is derived from the method of divided differences, a way to interpolate or tabulate functions by using a small set of polynomial coefficients.
2. An automatic mechanical calculator designed to tabulate polynomial functions.
3. It was designed by famous computer pioneer Charles Babbage in the 19th century, and is a calculator designed on the mathematic principle of the method of finite differences.

a. Difference engine
b. Analytic machine
c. ENIAC
d. UNIVAC

30. Identify the term with the help of the description given below:
1. It is a common interface that enables the communication between devices and a host controller such as a personal computer.

2. It is an industry standard that establishes specifications for cables and connectors and protocols for connection, communication and power supply between computers, peripherals and other computers.

a. Universal supply bus
b. Universal serial bus
c. Unique supply bus
d. Unique serial bus

31. How do you correct and review a word document?

a. Backstage view > Proofing > Press OK
b. Delete the revisions > Retype the document
c. References tab > Turn off Spelling and Grammar > save document
d. Review tab > Select Track changes> Select Accept or Reject changes

32. Match the following in context to MS Paint:

Column A		Column B	
1.	Skew	a.	Set a particular width or height
2.	Flip	b.	Remove the unwanted part of image
3.	Crop	c.	Apply a mirror effect
4.	Resize	d.	Change the degree of geometrical figures

a. 1 – c, 2 – a, 3 – d, 4 – b
b. 1 – b, 2 – c, 3 – a, 4 – d
c. 1 – d, 2 – c, 3 – b, 4 – a
d. 1 – d, 2 – a, 3 – b, 4 – c

33. Which of the following statements is incorrect regarding computer hardware?

a. Functionality of a computer depends on RAM capacity.
b. Computer peripherals are the programmable parts of computer.
c. A video camera is the most commonly used input device for capturing video data.
d. Data in hard disk drive is not lost if the power is disconnected.

34. Identify the term with the help of following description:
1. It is a digital distribution service operated and developed by Google.
2. It provides millions of latest Android apps, games, music, movies, TV, books, magazines & more.
3. It comes pre-installed on Android devices and can be downloaded on some Chromebooks.

a. iStore
b. Google Play
c. Microsoft Store
d. Linux market

35. Which is the appropriate option in Windows where deleted items are temporarily stored?

a. Homegroup
b. Computer
c. Recycle Bin
d. Control panel

Answer Key

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