

International Cyber Olympiad

Sample Paper by Cyber Olympiad Foundation



Time: 60 Mins.

Class 8

Max. Marks: 100

Enrollment No.: School Name:.....

Instructions:-

- ◆ Total Questions - 50 (2 marks each). Use of electronic devices are not permitted.
- ◆ There will be negative marking (-1) for each incorrect answer or filling more than one circle for an answer. No marks will be awarded or deducted for unattempted questions.
- ◆ Rough work should be done in the space provided in the question paper.
- ◆ After completing the exam, hand over the **OMR sheet** to the invigilator.
- ◆ Read all the questions carefully before answering.

Q 1. What does IT stand for?

- | | |
|----------------------------|---------------------------|
| (a) Information Technology | (b) Internet Technology |
| (c) Inclusive Technology | (d) Integrated Technology |

Q 2. What is a computer program?

- | | |
|--|---------------------------------|
| (a) A device to browse the internet | (b) A list of computer parts |
| (c) A set of instructions for a computer | (d) A type of computer hardware |

Q 3. What is a file extension?

- | | |
|--|--------------------------------|
| (a) The name of a folder | (b) A type of computer virus |
| (c) A format that indicates the type of file | (d) A type of computer monitor |

Q 4. Which of the following is an example of cloud storage?

- | | |
|---------------------------|-----------------------|
| (a) A physical hard drive | (b) A USB flash drive |
| (c) Google Drive | (d) A printer |

Q 5. Which of the following is a live streaming platform?

- | | | | |
|-------------|------------|---------------|--------------|
| (a) Twitter | (b) Twitch | (c) Instagram | (d) Flipkart |
|-------------|------------|---------------|--------------|

Q 6. What is a URL?

- (a) A type of computer virus (b) A web address
(c) A type of computer mouse (d) A file format

Q 7. What is the purpose of a computer's motherboard?

- (a) To store data (b) To display images
(c) To control all hardware components (d) To connect to the internet

Q 8. What does HTML stand for?

- (a) HyperText Markup Language (b) High-Level Text Language
(c) Hyperlink and Text Markup Language (d) Home Tool Markup Language

Q 9. Which of the following is a component of cyber security?

- (a) Internet of Things (b) Database (c) Attacks (d) AI

Q 10. Which type of software allows you to create spreadsheets and perform calculations?

- (a) Ms Word (b) Notepad (c) Ms Outlook (d) Ms Excel

Q 11. What is a computer network?

- (a) A group of connected computers that can communicate with each other
(b) A type of computer virus
(c) A computer system
(d) A computer monitor

Q 12. Which of the following is an example of a computer peripheral?

- (a) CPU (b) Monitor (c) RAM (d) Hard drive

Q 13. What is a hyperlink?

- (a) A type of computer virus (b) A type of keyboard
(c) A clickable link to web page or resource (d) A type of computer monitor

Q 14. Which of the following is not a programming language?

- (a) C# (b) Python (c) Java (d) Intelligent

Q 15. What is the purpose of an antivirus software?

- (a) To create documents (b) To protect against computer viruses
(c) To play music (d) To edit image

Q 16. Which of the following is a strong password?

- (a) Password123 (b) MyDog'sName (c) 5&Fr\$2p (d) ABCDEFG

Q 17. What is the purpose of a firewall in cybersecurity?

- (a) To clean viruses from a computer (b) To block unwanted websites
(c) To prevent unauthorized access to a network (d) To increase internet speed

Q 18. What is a data breach?

- (a) A type of computer virus (b) A method of encrypting data
(c) The unintentional release of private info (d) A type of cyberattack

Q 19. _____ computer is a combination of analog and digital computer.

- (a) Hybrid (b) Micro (c) Mini (d) Mainframe

Q 20. What is "malware" short for?

- (a) Malicious software (b) Management software
(c) Masterful software (d) Monitoring software

Q 21. What is the primary goal of a cybercriminal?

- (a) To make friends online (b) To protect computer systems
(c) To steal information or cause harm (d) To share knowledge

Q 22. Which company developed the iOS?

- (a) IBM (b) Samsung (c) Microsoft (d) Apple

Q 23. Which of the following is a secure way to log out of an online account?

- (a) Closing the web browser
(b) Sharing your login credentials with a friend
(c) Clicking on a random link in the account
(d) Clicking the "Log Out" button

- Q 24. Which of the following is an example of an output device?**
(a) Keyboard (b) Scanner (c) Monitor (d) Microphone
- 25. What is the full form of "HDD"?**
(a) Hard Disk Drive (b) Hard Drive Disk
(c) Holo Disk Drive (d) High Definition Disk
- Q 26. _____ is the fastest super computer of the World.**
(a) Param 8000 (b) Super 8000 (c) Frontier (d) Fugaku
- Q 27. Which of the following is not an email client?**
(a) Gmail (b) Aol
(c) Yahoo! (d) Zmail
- Q 28. What is the purpose of a search engine?**
(a) To create websites (b) To manage computer hardware
(c) To find information on the internet (d) To play games
- Q 29. When you start your computer, it is referred to as _____.**
(a) Crash (b) Booting (c) Initiator (d) Reset
- Q 30. What is the function of a computer's RAM?**
(a) Display images (b) Store long-term data
(c) Store short term memory of active programs (d) Input device for typing
- Q 31. What is the primary function of an email attachment?**
(a) To send emails (b) To delete emails (c) To attach files (d) To undo emails
- Q 32. Which key is used to start a new line when typing?**
(a) Spacebar (b) Enter (c) Shift (d) Ctrl
- Q 33. A computer that stores and shares data with other computers on a network is known as:**
(a) Server (b) Node (c) Client (d) Application
- Q 34. Who is known as the father of the computer?**
(a) Tim-Berners Lee (b) Charles Babbage
(c) Thomas Edison (d) Neil deGrasse Tyson

- Q 35. In latest generation computers, the instructions are executed _____.**
- (a) Parallely only (b) Sequentially only
(c) Both sequentially and parallely (d) None of these
- Q 36. What is encryption?**
- (a) The process of making data unreadable without the proper decryption key
(b) The process of making data easier to access
(c) A type of computer virus
(d) A type of computer mouse
- Q 37. What is a phishing email?**
- (a) An email sent by a trusted source
(b) An email that tricks recipients into revealing personal information or clicking on malicious links
(c) An email containing only jokes
(d) An email with large attachments
- Q 38. Which of the following is NOT a common cybersecurity threat?**
- (a) Phishing (b) Strong passwords (c) Malware (d) Ransomware
- Q 39. What does "HTTPS" stand for in a website URL?**
- (a) Hyper Text Transfer Protocol Secure (b) High-End Text Processing System
(c) Home Telephone Service Provider (d) Help Transfer Protect System
- Q 40. What is a software patch?**
- (a) A type of computer virus
(b) A small piece of code that fixes a security vulnerability or bug in software
(c) A computer monitor
(d) A computer network
- Q 41. Which of the following is not a type of peer-to-peer cyber-crime?**
- (a) Credit card details leak in the deep web (b) Injecting Trojans to a target victim
(c) MiTM Attack (d) Phishing

- Q 42. A copy of data that can be used to restore information in case of loss or damage is called:**
- (a) Data Reset (b) Data Drive (c) Data Backup (d) Data Centre
- Q 43. What is a computer worm?**
- (a) A type of computer hardware
(b) A self-replicating malware that spreads to other computers
(c) A computer motherboard
(d) A MiTM attack
- Q 44. Which of the following is not an objective of network security?**
- (a) Confidentiality (b) Integrity (c) Availability (d) Intensity
- Q 45. What is cybersecurity awareness?**
- (a) Being aware of cyber threats and practicing safe online behavior
(b) Being aware of your physical surroundings
(c) Being able to remember your password
(d) All of these
- Q 46. What is a password manager?**
- (a) A person who helps you remember your passwords
(b) A software tool that securely stores and manages your passwords
(c) A type of computer keyboard
(d) A type of computer virus
- Q 47. A part of the internet that is intentionally hidden is called:**
- (a) Grey Web (b) Deep Web
(c) Dark Web (d) Galaxy Web
- Q 48. What is a security vulnerability?**
- (a) A type of computer mouse
(b) A weakness or flaw in a system that could be exploited by attackers
(c) A computer network
(d) None of these

Q 49. Who is the founder of Apple, a Multinational Technology Company?

(a) Steve Jobs

(b) Steve Wozniak

(c) Tim Cook

(d) Both (a) & (b)

Q 50. When was the email invented?

(a) 1971

(b) 2002

(c) 1991

(d) 1989

Space for Rough Work