

# International Cyber Olympiad

Sample Paper by Cyber Olympiad Foundation



Time: 60 Mins.

Class 7

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 is Cyber Security?

- (a) Cyber Security provides security against cyber-terrorists
- (b) Cyber Security protects a system from cyber attacks
- (c) Cyber Security provides security against malware
- (d) All of the mentioned

### Q 2. What does cyber security protect?

- (a) Cyber security protects criminals
- (b) Cyber security protects internet-connected systems
- (c) Cyber security protects hackers
- (d) None of the mentioned

### Q 3. Who is the father of computer security?

- (a) Robert Vince
- (b) Charles Babbage
- (c) August Kerckhoffs
- (d) Bob Thomas

- Q 4. Which of the following is a type of cyber security?**
- (a) Cloud Security (b) Network Security  
(c) Application Security (d) All of these
- Q 5. What are the features of cyber security?**
- (a) Compliance (b) Defense against internal threats  
(c) Threat Prevention (d) All of these
- Q 6. Which of the following is an objective of network security?**
- (a) Confidentiality (b) Integrity (c) Availability (d) All of these
- Q 7. .... is a computer program designed to perform a certain type of work.**
- (a) Application (b) System  
(c) Operating System (d) DOS
- Q 8. The amount of data sent by a modem in a given unit of time is expressed in \_\_\_\_\_.**
- (a) Symbol per time (b) Bits per second  
(c) Frequency per second (d) Signal rate
- 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 of the following is a type of cyber attack?**
- (a) Phishing (b) SQL Injections  
(c) Password Attack (d) All of these
- Q 11. Which of the following is an input device?**
- (a) Mouse (b) Monitor  
(c) Printer (d) Projector
- Q 12. BASIC and Java are the example of \_\_\_\_\_.**
- (a) Low Level Language (b) High Level Language  
(c) Fourth Generation (d) Fifth Generation

- Q 13. Mainframe, Mini and Micro computers are classified on the basis of \_\_\_\_\_.**  
(a) Size (b) Working Principle (c) Both (a) and (b) (d) Area
- Q 14. Which of the following is not an advantage of cyber security?**  
(a) Protects system against viruses (b) Makes the system slower  
(c) Minimizes computer freezing and crashes (d) Gives privacy to users
- Q 15. Governments hire some highly skilled hackers for providing cyber security for the country or state. These types of hackers are termed as \_\_\_\_\_.**  
(a) CIA triad (b) Special Hackers  
(c) Nation / State sponsored hackers (d) Government Hackers
- Q 16. Radio waves and microwaves are examples of \_\_\_\_\_ communication.**  
(a) Wired (b) Wireless (c) Office (d) Guided
- Q 17. A \_\_\_\_\_ converts the complete program into Machine Language in one go.**  
(a) Translator (b) Compiler (c) Interpreter (d) None of these
- Q 18. Which of the following tab has options to work with mail merge?**  
(a) Home (b) Insert (c) Mailing (d) Both (a) and (c)
- Q 19. \_\_\_\_\_ computer is a combination of analog and digital computer.**  
(a) Hybrid (b) Micro (c) Mini (d) Mainframe
- Q 20. Which of the following do Cyber attackers commonly target for fetching IP address of a target or victim user?**  
(a) IP tracker (b) websites (c) web pages (d) emails
- Q 21. \_\_\_\_\_ computer can perform calculations and logical operations.**  
(a) Micro (b) Digital (c) Analog (d) Mini
- Q 22. Which company developed the MS-Windows?**  
(a) IBM (b) Samsung (c) Microsoft (d) Apple

- Q 23. The Tide Predictor was developed by \_\_\_\_\_.**
- (a) William Thompson (b) Davie Hendrick  
(c) Lady Ada (d) All of the these
- Q 24. \_\_\_\_\_ was the first super computer of India.**
- (a) Colossus (b) FACTA (c) Param 8000 (d) None of these
- Q 25. C++ is a \_\_\_\_\_ language.**
- (a) High Level (b) Fourth Generation (c) Low Level (d) None of these
- Q 26. \_\_\_\_\_ is the fastest super computer in the World.**
- (a) Param 8000 (b) Super 8000 (c) Frontier (d) Fugaku
- Q 27. Full form of LAN is \_\_\_\_\_.**
- (a) Local Area Network (b) Long Area Network  
(c) Line Area Network (d) Low Area Network
- Q 28. Full form of WAN is \_\_\_\_\_.**
- (a) Won Area Network (b) Wise Area Nerwork  
(c) Both (a) and (b) (d) Wide Area Network
- Q 29. When your computer stops working suddenly, it is referred to as a \_\_\_\_\_.**
- (a) Crash (b) Penalty (c) Die (d) Death
- Q 30. A central computer that holds collections programs for many PCs, workstations computers is a \_\_\_\_\_.**
- (a) Minicomputer (b) Supercomputer (c) Laptop (d) Server
- Q 31. Microcomputer hardware consists of three basic categories of physical equipment.**
- (a) System unit, input/output, secondary storage  
(b) Keyboard, monitor, hard drive  
(c) System unit, input/output, memory  
(d) System unit, primary storage, secondary storage

- Q 32. Microprocessor was introduced in which generation of computer?**
- (a) Second Generation (b) Generation  
(c) Fourth Generation (d) Third Generation
- Q 33. Every computer has an \_\_\_\_\_; many also have \_\_\_\_\_.**
- (a) Application programs; a client system  
(b) Operating system; application programs  
(c) Operating system; a client system  
(d) Application programs; an operating system
- Q 34. Microprocessor is one of the independent parts of the computer. It is actually a \_\_\_\_.**
- (a) Chip (b) Transistor (c) Register (d) All of these
- Q 35. In latest generation computers, the instructions are executed \_\_\_\_\_.**
- (a) Parallely only (b) Sequentially only  
(c) Both sequentially and parallely (d) All of these
- Q 36. A \_\_\_\_\_ is a small hand-held computer that helps you surf the Web and perform simple tasks.**
- (a) Desktop computer (b) PDA  
(c) Minicomputer (d) Notebook computer
- Q 37. Which of the following is not a software developed by Microsoft?**
- (a) Paint (b) Word (c) Excel (d) Photoshop
- Q 38. A popular ransomware attack that hit the computers across the World in May 2017:**
- (a) Pepperfry (b) Jigsaw  
(c) Cryptolocker (d) Wannacry
- Q 39. In which year has hacking become a practical crime and a matter of concern in the field of cyber technology?**
- (a) 1991 (b) 1983 (c) 1970 (d) 1964

- Q 40. Which of the following act violates cyber security?**
- (a) Exploit                      (b) Attack                      (c) Threat                      (d) Vulnerability
- 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. Which of the following is illegal?**
- (a) Drawing on Ms Paint                      (b) Making Presentations  
(c) Hacking into your friend's computer                      (d) Surfing on internet
- Q 43. Which of the following is defined as an attempt to harm, damage or cause threat to a system or network?**
- (a) Threats                      (b) Digital crime  
(c) Cyber Attack                      (d) System hijacking
- Q 44. They are nefarious hackers, and their main motive is to gain financial profit by doing cyber crimes. Who are "they" referred to here?**
- (a) Hactivists                      (b) Gray Hat Hackers  
(c) Black Hat Hackers                      (d) White Hat Hackers
- Q 45. Where did the term "hacker" originate?**
- (a) MIT                      (b) Bell's Lab  
(c) Harvard University                      (d) New York University
- Q 46. What is the existence of weakness in a system or network is known as?**
- (a) Threat                      (b) Attack                      (c) Vulnerability                      (d) Exploit
- Q 47. Which of the following online service's privacy cannot be protected using Tor?**
- (a) Browsing data                      (b) Login using ID                      (c) Instant messaging                      (d) Relay chats

**Q 48. Which of the following term refers to a group of hackers who are both white and black hat?**

(a) Red Hat Hackers

(b) Yellow Hat hackers

(c) Grey Hat hackers

(d) White-Black Hat Hackers

**Q 49. Which of the following is not an email-related hacking tool?**

(a) Mail Password

(b) Email Finder Pro

(c) Mail PassView

(d) Sendinc

**Q 50. Which of the following can diminish the chance of data leakage?**

(a) Chorography

(b) Authentication

(c) Steganography

(d) Cryptography

# Space for Rough Work