

Chapter 06 – Computer Science (Class-10)

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MULTI CHOICE QUESTIONS – EXAM PREPARATION

1. What is the main purpose of using the internet safely?

- A. To increase screen time
- B. To protect personal information
- C. To play more online games
- D. To download more apps

Correct Answer: B

2. Technology addiction means:

- A. Using technology only at school
- B. Using devices in a normal and controlled way
- C. Using devices so much that it harms daily life
- D. Never using a phone

Correct Answer: C

3. Which of the following is a sign of technology addiction?

- A. Sleeping early
- B. Healthy study routine
- C. Feeling stressed without a device
- D. Doing exercise daily

Correct Answer: C

4. What is the digital divide?

- A. A difference in phone colors
- B. A gap in access to internet and technology
- C. A type of mobile network
- D. A video editing tool

Correct Answer: B

5. Which activity can protect your privacy online?

- A. Sharing passwords with friends
- B. Posting personal information
- C. Using strong passwords

D. Clicking unknown links

Correct Answer: C

6. Oversharing on social media can lead to:

A. Better security

B. Cybersecurity risks

C. Stronger passwords

D. More privacy

Correct Answer: B

7. Which mental health issue is commonly linked with technology addiction?

A. Happiness

B. Anxiety

C. Improved memory

D. Extra confidence

Correct Answer: B

8. What can decrease a student's academic performance?

A. Limited screen time

B. Constant phone distractions

C. Studying regularly

D. Good sleep

Correct Answer: B

9. What do new technology laws like GDPR focus on?

A. Making apps faster

B. Protecting user data and privacy

C. Reducing internet speed

D. Increasing screen time

Correct Answer: B

10. Spending too much time online can cause:

A. Better family relationships

B. Social isolation

C. Strong eyesight

D. More outdoor activity

Correct Answer: B

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11. What is the internet compared to in the passage?

- a) A small computer
- b) A giant web connecting devices
- c) A TV network
- d) A telephone line

Correct option: b

12. Which of the following is NOT mentioned as a use of the internet?

- a) Sharing information
- b) Online buying and selling
- c) Growing food
- d) Watching videos

Correct option: c

13. What has the internet made easier according to the passage?

- a) Travelling long distances
- b) Daily tasks
- c) Cooking food
- d) Building houses

Correct option: b

14. Using the internet for beneficial purposes includes:

- a) Playing harmful games
- b) Spreading false news
- c) Helping people and communities
- d) Wasting time

Correct option: c

15. What does the internet provide to support learning?

- a) Only printed books
- b) Online courses and educational websites
- c) Free gadgets
- d) Classroom furniture

Correct option: b

16. How does the internet support global communication?

- a) By increasing travel costs
- b) By connecting people worldwide

- c) By removing phones
- d) By limiting cultural exchange

Correct option: b

17. Which of the following is related to social activism online?

- a) Shopping websites
- b) Climate change awareness
- c) Sports tournaments
- d) Online gaming

Correct option: b

18. Telemedicine helps people by:

- a) Delivering food online
- b) Allowing online medical consultations
- c) Teaching cooking
- d) Providing exercise equipment

Correct option: b

19. Political engagement through the internet includes:

- a) Playing political games
- b) Voting and discussing political issues online
- c) Building roads
- d) Cleaning public places

Correct option: b

20. Cultural exchange online allows people to:

- a) Hide their traditions
- b) Share their art and ideas
- c) Stop learning languages
- d) Avoid interacting with others

Correct option: b

21. Which of the following best describes cybercrime?

- a). Legal sharing of information
- b). Illegal online activities like hacking and fraud
- c). Accessing educational websites
- d). Playing online games

Correct Answer: b

22. What does the anonymity of the internet often encourage?

- a). Increased productivity
- b). Online shopping
- c). Cyberbullying and harassment
- d). Free access to learning

Correct Answer: c

23. Cyberterrorism aims to:

- a). Provide entertainment
- b). Create fear or push ideological agendas
- c). Teach people about technology
- d). Sell products online

Correct Answer: b

24. Which of the following is an example of illegal content?

- a). Educational videos
- b). Child abuse material or pirated software
- c). Weather updates
- d). Online advertisements

Correct Answer: b

25. Hate speech and disinformation online can lead to:

- a). Stronger unity
- b). Faster communication
- c). Social division and tension
- d). Increased entertainment

Correct Answer: c

26. Phishing is a scam designed to:

- a). Improve computer performance
- b). Teach people to code
- c). Trick people into giving personal information
- d). Create secure passwords

Correct Answer: c

27. Fake websites are created mainly to:

- a). Help users learn
- b). Spread malware or steal information
- c). Provide official government data
- d). Offer free resources legally

Correct Answer: b

28. Privacy violations on the internet may involve:

- a). Watching movies online
- b). Hacking personal devices**
- c). Attending online classes
- d). Using search engines

Correct Answer: b

29. Cyber espionage is mostly carried out to:

- a). Entertain users
- b). Steal sensitive information or secrets**
- c). Reduce cybercrime
- d). Promote social media

Correct Answer: b

30. One way to reduce risks from malicious internet use is to:

- a). Share passwords with friends
- b). Stay alert and follow online safety practices**
- c). Visit unknown websites
- d). Ignore suspicious messages

Correct Answer: b

31. Which threat often includes unwanted advertisements and harmful links?

- a). Spyware
- b). Spam**
- c). Cookies
- d). Antivirus

Correct Answer: b. Spam

32. What is the main purpose of spyware?

- a). To protect your device
- b). To entertain users
- c). To secretly collect users' personal information**
- d). To remove viruses

Correct Answer: C. To secretly collect users' personal information

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33. What type of file stores small amounts of user information on websites?

- a). Trojan
- b). Cookie**
- c). Firewall
- d). Malware

Correct Answer: b. Cookie

34. Which of the following is a way to protect yourself from spam?

- a). Click all links in unknown emails
- b). Share your email publicly
- c). Use spam filters and report spam**
- d). Disable antivirus

Correct Answer: c. Use spam filters and report spam

35. What is a major risk of spyware?

- a). Faster internet speed
- b). Identity theft**
- c). Increased battery life
- d). Better device performance

Correct Answer: b. Identity theft

36. Cloud Computing means using ____.

- a. Offline files
- b. Internet-based services**
- c. Only mobile apps
- d. USB storage

Correct Answer: b

37. Which is an example of Public Cloud?

- a). Hard drive
- b). AWS**
- c). USB
- d). Memory card

Correct Answer: b

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38. Private Cloud is used by _____.

- a). Everyone
- b). Only one organization
- c). Gamers
- d). Students

Correct Answer: b

39. Google Drive is a type of _____.

- a). Cloud storage
- b). RAM
- c). Hardware
- d). Printer

Correct Answer: a

40. Public Cloud is usually _____.

- a). Expensive
- b). Cheap
- c). Very slow
- d). Not secure at all

Correct Answer: b

41. Private Cloud gives _____ control.

- a). No
- b). Low
- c). Full
- d). Shared

Correct Answer: c

42. Public Cloud is like a _____.

- a). Private car
- b). Government bus
- c). Bike
- d). Train station

Correct Answer: b

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43. Private Cloud is best for _____.

- a). Games
- b). Banks
- c). Music
- d). Movies

Correct Answer: b

44. Cloud Computing stores data _____.

- a. On the internet
- b. Only on mobile
- c. Inside printer
- d. In headphones

Correct Answer: a

45. Public Cloud disadvantage is _____.

- a. Easy setup
- b. Shared environment
- c. High security
- d. Full control

Correct Answer: b

46. Cloud security mainly protects which of the following?

- a. Only hardware
- b. Data and applications
- c. Electricity supply
- d. Mobile networks

Correct Answer: b

47. Which process converts readable data into secret code?

- a. Scanning
- b. Encryption
- c. Compression
- d. Debugging

Correct Answer: b

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48. AES is an example of which type of encryption?

- a. Symmetric
- b. Asymmetric
- c. Manual
- d. Random

Correct Answer: a

49. In Asymmetric encryption, how many keys are used?

- a. One
- b. Two
- c. Three
- d. Four

Correct Answer: a

50. RBAC stands for:

- a. Role-Based Access Control
- b. Real Basic Access Control
- c. Risk-Based Application Control
- d. Role Business Access Check

Correct Answer: a

51. The first step of Incident Response is:

- a. Recover
- b. Identify
- c. Review
- d. Eradicate

Correct Answer: b

52. Which tool filters incoming and outgoing network traffic?

- a. Antivirus
- b. Firewall
- c. Printer
- d. Scanner

Correct Answer: b

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53. A privacy policy tells users about:

- a. Game rules
- b. Data collection and usage**
- c. Battery usage
- d. Mobile software updates

Correct Answer: b

54. VPN provides:

- a. Slow connection
- b. Unsecured browsing
- c. Encrypted online connection**
- d. Physical security

Correct Answer: c

55. IDS is used to:

- a. Destroy viruses
- b. Detect suspicious activity**
- c. Increase RAM
- d. Manage printers

Correct Answer: b

56. Which of the following is a hardware method to protect devices?

- a) Antivirus Software
- b) Firewall
- c) Fingerprint Scanner**
- d) Operating System Update

Correct Answer: c) Fingerprint Scanner

57. What is the main purpose of a firewall?

- a) To prevent viruses from entering a device
- b) To block unauthorized access to a network or device**
- c) To backup data
- d) To encrypt internet traffic

Correct Answer: b) To block unauthorized access to a network or device

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58. Which of the following is an example of a software method for device protection?

- a) Secure Boot
- b) Biometric Authentication
- c) Antivirus Software
- d) Firewall (Hardware)

Correct Answer: c) Antivirus Software

59. What does VPN stand for?

- a) Virtual Protection Network
- b) Virtual Private Network
- c) Verified Private Network
- d) Verified Protection Network

Correct Answer: b) Virtual Private Network

60. What is Secure Boot primarily designed to protect against?

- a) Unauthorized physical access
- b) Malware infections during startup
- c) Weak passwords
- d) Data loss

Correct Answer: b) Malware infections during startup

61. What does biometric authentication use to verify a user?

- a) Passwords
- b) Fingerprints, facial recognition, or iris scan
- c) Email address
- d) Security questions

Correct Answer: b) Fingerprints, facial recognition, or iris scan

62. Which of these methods helps prevent unauthorized data access during internet usage?

- a) VPN
- b) Antivirus Software
- c) Operating System Update
- d) Fingerprint Scanner

Correct Answer: a) VPN

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63. Which method is used to protect devices from malware and other known threats?

- a) Firewall
- b) Antivirus Software
- c) Data Backup
- d) Password Manager

Correct Answer: b) Antivirus Software

64. Two-factor authentication (2FA) adds an extra layer of security by:

- a) Encrypting your internet connection
- b) Scanning your face for identification
- c) Asking for a second form of verification like a code
- d) Storing passwords securely

Correct Answer: c) Asking for a second form of verification like a code

65. Data Backup is important because it helps to:

- a) Increase device performance
- b) Restore lost data in case of hardware failure or malware
- c) Secure personal information from hackers
- d) Update software automatically

Correct Answer: b) Restore lost data in case of hardware failure or malware

66. What is "Phishing"?

- a). Installing antivirus software
- b). Fake emails or messages that trick you into giving personal information
- c). A type of firewall
- d). A way to backup data

Correct Answer: b

67. Which of these is a type of Malware?

- a). Encryption software
- b). Ransomware
- c). Legitimate antivirus
- d). Backup utility

Correct Answer: b

68. What does a DDoS (Distributed Denial-of-Service) attack do?

- a). Steals password
- b). Locks your files and demands ransom

c). Overloads a website/server so real users can't use it

d). Sends phishing emails

Correct Answer: c

69. Which one of these is considered a cyber-crime?

a). Using a strong password for your account

b). Hacking someone's computer without permission

c). Updating your computer's operating system

d). Using firewall to protect your data

Correct Answer: b

70. Which agency is mainly responsible for investigating and prosecuting cybercrimes?

a). Local police and national law enforcement

b). Sports clubs

c). Schools

d). Travel agencies

Correct Answer: a

71. What do many countries have to handle cybercrimes more effectively?

a). Cybercrime units

b). Music bands

c). Car service centers

d). Weather stations

Correct Answer: a

72. Government agencies often provide what for reporting cybercrimes?

a). Cooking recipes

b). Hotlines and online portals

c). Travel guides

d). Sports schedules

Correct Answer: a

73. Which organization should you contact if your internet connection is being misused for illegal activities?

a). Hospitals

b). Internet Service Providers (ISPs)

c). Clothing stores

d). Restaurants

Correct Answer: b

74. What can ISPs do when they receive a cybercrime report?

- a). Plan events
- b). Block malicious users**
- c). Print newspapers
- d). Provide food delivery

Correct Answer: b

75. Who should you contact if a cybercrime involves your bank account or online money fraud?

- a). Movie theaters
- b). Financial institutions**
- c). Bookshops
- d). Supermarkets

Correct Answer: b

76. What is one common action banks can take during cybercrime cases?

- a). Freeze suspicious accounts**
- b). Fix broken computers
- c). Sell software
- d). Teach school lessons

Correct Answer: a

77. Online reporting portals are usually created by which groups?

- a). Sports teams
- b). Government and cybersecurity organizations**
- c). Dance academies
- d). Shopping malls

Correct Answer: b

78. Which of the following is a benefit of reporting cybercrimes?

- a). It helps increase cyber threats
- b). It helps investigate and stop cybercriminals**
- c). It makes the internet slower
- d). It deletes all data online

Correct Answer: b

79. Which of the following best describes why using multiple reporting methods—such as law enforcement agencies, government portals, ISPs, and financial institutions—is important in fighting cybercrimes?

a). It ensures cybercriminals cannot escape by exploiting different systems, allows faster response to threats, improves investigations, and increases overall cybersecurity for individuals and organizations.

b). It helps people spend more time online.

c). It allows banks to advertise new services.

d). It helps ISPs sell internet packages.

Correct Answer: a

80. Cyberbullying involves:

a). Internet

b). Digital devices

c). Social media

d). All of these

Correct Answer: d

81. Depression is a:

a. Physical effect

b. Psychological effect

c. Social effect

d. None

Correct Answer: b

82. Schools should create:

a). Games

b). Anti-bullying policies

c). Posters only

d). New apps

Correct Answer: b

83. Anonymous reporting means:

a). Hiding your name

b). Creating a new account

c). Deleting messages

d). Posting photos
Correct Answer: a

84. A physical effect of cyberbullying is:

- a). Headache
- b). Confidence
- c). Happiness
- d). Strength

Correct Answer: a

85. Which of the following is a major environmental concern caused by computing technologies?

- a). Increased face-to-face communication
- b). Rise in electronic waste
- c). Decrease in internet usage
- d). Less access to information

Correct Answer: b) Rise in electronic waste

86. What cultural change is influenced by computing and assistive technologies?

- a). Reduction in literacy rates
- b). More difficulty in communication
- c). Easier access to educational resources
- d). Loss of assistive tools

Correct Answer: c) Easier access to educational resources

87. Which of the following is a positive human impact of assistive technologies?

- a). Increased pollution
- b). Helping people with disabilities perform daily tasks
- c). More electronic waste
- d). Less physical activity

Correct Answer: b) Helping people with disabilities perform daily tasks

88. What is one challenge caused by too much technology use?

- a). Better learning opportunities
- b). Addiction and stress
- c). Improved job skills

d). Cleaner environment

Correct Answer: b) Addiction and stress

89. What happens when devices are quickly replaced by newer models?

a). Energy use decreases

b). E-waste increases

c). Cultural diversity grows

d). Human communication improves

Correct Answer: b) E-waste increases

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