Roll No .--

प्रश्नपुस्तिका क्रमांक Question Booklet No. 263680

O.M.R. Serial No.

BCA (Sixth Semester) Examination, 2024-25

(NEP)

(BCA6001)

INFORMATION & CYBER SECURITY

Paper Code T (To be filled in the

Time: 1:30 Hours]

प्रश्नपुस्तिका सीरीज **Question Booklet Series**

D

Maximum Marks-75

Instructions to the Examinee:

- Do not open the booklet unless you are asked to do so.
- 2. The booklet contains 100 questions. Examinee is required to answer 75 questions in the OMR Answer-Sheet provided and not in the question booklet. All questions carry equal marks.
- 3. Examine the Booklet and the OMR Answer-Sheet very carefully before you proceed. Faulty question booklet due to missing or duplicate pages/questions or having any other discrepancy should got immediately replaced.

(Remaining instructions on the last page)

परीक्षार्थियों के लिए निर्देश:

- प्रश्न-पुस्तिका को तब तक न खोलें जब तक आपसे कहा
- 2. प्रश्न-पुस्तिका में 100 प्रश्न हैं। परीक्षार्थी को 75 प्रश्नों को केवल दी गई OMR आन्सर-शीट पर ही हल करना है, प्रश्न-पुस्तिका पर नहीं। सभी प्रश्नों के अंक समान हैं।
- प्रश्नों के उत्तर अंकित करने से पूर्व प्रश्न-पुस्तिका तथा OMR आन्सर-शीट को सावधानीपूर्वक देख लें। दोषपूर्ण प्रश्न-पुस्तिका जिसमें कुछ भाग छपने से छूट गए हों या प्रश्न एक से अधिक बार छप गए हो या उसमें किसी अन्य प्रकार की कमी हो, तो उसे तूरन्त बदल लें।

(शेष निर्देश अन्तिम पृष्ठ पर)

| 1. | Whic | ch of the following refers to exploring the appropriate, ethical behaviors related |
|----|------|--|
| | | e online environment and digital media platform? |
| | (A) | Cyber low |
| | (B) | Cyberethics |
| | (C) | Cybersecurity |
| | (D) | Cybersafety |
| 2. | Wha | t is primary goal of ethical hacker: |
| | (A) | Avoiding detection |
| | (B) | Testing security vulnerability |
| | (C) | Resolving security vulnerabilities |
| | (D) | determining return on investment for security measures |
| 3. | In t | he computer networks, the encryption techniques are primarily used for |
| | impr | oving the |
| | (A) | Security |
| | (B) | Performance |
| | (C) | Reliability |
| | (D) | Longevity |
| 4. | Unde | er Information Technology Act the purpose of digital signature is to: |
| | ,(A) | Forge the document |
| | (B) | Photocopy the document |
| | (C) | Digital Printing |
| | (D) | ensure integrity |
| 5. | Hash | function are used for: |
| | (A) | Encryption engine and the second of the seco |
| | (B) | Decryption management and the state of the s |
| | (C) | Digital signature |
| | (D) | None of the above |
| | | Charles and a second se |

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|-----|--------|--|
| 1 | (D |) Message Digest |
| | (C) | |
| | (B) | |
| | (A) | |
| | oft | he message? |
| 10. | | |
| | (D) | The ethical hacker does it strictly for inflancial motives and the following refers to the technique used for verifying the integrity to the technique used for verifying the integrity in the following refers to the technique used for verifying the integrity in |
| | (C) | The ethical hacker does not use the same techniques of states as the techniques of sta |
| | (B) | The ethical hacker is just a cracker who is getting paid. The ethical hacker does not use the same techniques or skills as a cracker. |
| | (A) | The ethical hacker has authorization from the owner of the target. |
| 9. | Wha | at Is the most important difference between ethical hacker and cracker |
| | (D) | Changed hotween ethical hacker and cracker |
| | (C) | Violated |
| | (B) | Replaced |
| | (A) | Over view |
| | been | |
| 8. | Hash | functions guarantee message integrity and that the message has not |
| | (D) | Message Digest integrity and that the message has not |
| | (C) | Protocol |
| | (B) | Decryption algorithm |
| | (A) | Digital signature |
| | of the | e message? |
| 7. | Whic | ch one of the following refers to the technique used for verifying the integrity |
| | (D) | Both (A) and (C) |
| | (C) | WPS |
| | (B) | WPA2 |
| | (A) | WPA |
| j. | In Wi- | Fi Security, which of the following protocol is more used? |
| | | |
| | | |

- 11. Which of the following refers to the violation of the principle if a computer is no more accessible?
 - (A) Access control
 - (B) Confidentiality
 - (C) Availability
 - (D) All of the above
- 12. What is a firewall?
 - (A) Firewalls are network-based security measures that control the flow of incoming and outgoing traffic
 - (B) A firewall is a program that encrypts all the programs that access the Internet.
 - (C) A firewall is a program that keeps other programs from using the network.
 - (D) Firewalls are interrupts that automatically disconnect from the internet when a threat appears
- 13. Which of the following involves submitting as many requests as possible to a single Internet computer or service, overloading it and preventing it from servicing legitimate requests?
 - (A) Distributed denial-of-service attacks
 - (B) Backdoor
 - (C) Masquerading
 - (D) Phishing
- 14. Which of the following are possible security threats?
 - (A) Illegitimate use
 - (B) Backdoors
 - (C) Masquerading
 - (D) All of the given options are correct
- 15. Digital signatures provide which of the following?
 - (A) Authentication
 - (B) Non-repudiation
 - (C) Integrity protection
 - (D) All of the given options are correct

- 16. Which of the following is valid difference between a Virus and a Spyware?
 - (A) Spyware damages data and also steals sensitive private information
 - (B) Virus damages data, Spyware steals sensitive private information
 - (C) Spyware damages data, Virus steals sensitive private information
 - (D) Virus damages data and also steals sensitive private information
- 17. What is a computer virus?
 - (A) A virus is the same as a cookie in that it is stored on your computer against your permission.
 - (B) A virus is friendly software that is simply mislabeled.
 - (C) Malicious software that merely stays dormant on your computer.
 - (D) Malicious software that inserts itself into other programs.
- 18. Certification of Digital signature by an independent authority is needed because
 - (A) It is safe
 - (B) It gives confidence to a business
 - (C) The authority checks and assures customers that the public key indeed belongs to the business which claims its ownership
 - (D) Private key claimed by a sender may not be actually his
- 19. The responsibility of a certification authority for digital signature is to authenticate the:
 - (A) Hash function used
 - (B) Private keys of subscribers
 - (C) Public keys of subscribers
 - (D) key used in DES
- 20. Hashed message is signed by a sender using
 - (A) His public key
 - (B) His private key
 - (C) Receiver's public key
 - (D) Receiver's private key

| 21. | A dig | ital signature is |
|-----|--------------|--|
| | (A) | A bit string giving identity of a correspondent |
| | (B) | A unique identification of a sender |
| | (C) | An authentication of an electronic record by tying it uniquely to a key only a |
| | | sender knows |
| 22. | (D) All o | an encrypted signature of a sender f the following are examples of real security and privacy threats except: |
| | (A) | Hackers |
| | (B) | Virus |
| | (C) | Spam |
| | (D) | Worm |
| 23. | Wha | t legal concept involves the unauthorized alteration or modification of data |
| | with | the intent to deceive? |
| | (A) | Cyber terrorism |
| | (B) | Data breach |
| | (C) | Data manipulation |
| | (D) | Cyber extortion |
| 24. | Wha | t legal concept involves the unauthorized use of someone else's identity for |
| | frauc | dulent purposes? |
| | (A) | Cyber stalking |
| | (B) | Identity theft |
| | (C) | Spoofing . |
| | (D) | Phishing |
| 25. | Wha | at legal concept involves using deception to trick individuals into revealing |
| | conf | idential information, such as passwords? |
| | (A) | Phishing Warring of Ind. 9 v. 143 |
| | (B) | Spoofing Control of the Control of t |
| | (0) | Cuber stalking |

(D) Identity theft

Which of the following process is used for verifying the identity of a user? 26. (A) Authentication (B) Identification (C) Validation (D) Verification In the context of data protection, what does the term "data encryption" involve? 27. Protecting personal data from unauthorized access by converting it into a (A) non readable format Allowing unrestricted access to personal data (B) (C) Ignoring the security of personal data (D) Promoting data processing without encryption What legal principle allows individuals to control the collection and use of their 28. personal information? (A) Right to privacy (B) Right to access (C) Right to anonymity (D) Right to be forgotten 29. What legal concept involves unauthorized access to computer systems with the intent to gather sensitive information? (A) Cyber terrorism (B) Cyber espionage (C) Hacking (D) Cyber stalking What legal principle states that individuals have the right to know what information 30. is collected about them and how it is used? (A) Right to privacy

(B)

(C)

(D)

Right to information

Right to anonymity

Right to access

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|--------|---|---|--|--|
| | (D) | Viruses | | |
| | (C) | Worms (GD) | | |
| | (B) | Trojans anabiga valupos la molog approvis de a namolitoria. | | |
| | (A) | Rootkits | | |
| | throu | gh infection? | | |
| 35. | Which type of the following malware does not replicate or clone them self's | | | |
| | (D) | None of the above | | |
| | (C) | Trojans do nothing harmful to the user's computer systems | | |
| | (B) | Trojans replicates them self's or clone them self's through an infections | | |
| | (A) | Trojans perform tasks for which they are designed or programmed | | |
| 34. | Which of the following statements is true about the Trojans? | | | |
| | (D) | None of the above | | |
| | (C) | IT Act, 2000 | | |
| | (B) | Indian Penal Code | | |
| | (A) | IT (Amendment) Act, 2008 | | |
| 33. | | ch of the following provides legal framework for e-governance in India? | | |
| · ai r | (D) | (A) and (B) | | |
| | (C) | Limited boundaries | | |
| | (B) | International jurisdiction | | |
| | (A) | No national boundaries | | |
| 32. | Cyberspace has: | | | |
| | (D) | Promoting software development | | |
| | (C) | Preventing cyber threats and crimes | | |
| | (B) | Protecting computer hardware | | |
| | (A) | Restricting internet usage | | |
| 31. | Wha | at is the primary purpose of cyber laws and regulations? | | |

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| | (D) | All of the above | |
| | (C) | To corrupt the user's data stored in the computer system | |
| | (B) | To gain access the sensitive information like user's Id and Pas | swords |
| | (A) | To log, monitor each and every user's stroke | (F) |
| 45. | Hac | kers usually used the computer virus for purpose. | |
| | (D) | Virus | 50. Which o |
| | (C) | Trap Door | |
| | (B) | Worm | |
| | (A) | Trojan Horse | 1 (8) |
| | requ | nired any host program? | |
| 44. | Whi | ch of the following is a type of independent malicious progr | am that never |
| | (D) | Integrity | |
| | (C) | Authenticity | (0) |
| | (B) | Confidentiality | (8) |
| | (A) | Availability | (A) |
| 43. | In th | e CIA Triad, which one of the following is not involved? | |
| | (D) | None of the above | |
| | (C) | Delete | |
| | (B) | Decrypt | |
| | (A) | Encrypt | |
| | the d | lata: | |
| 42. | (D) In or | All mentioned options rder to ensure the security of the data/ information, we need to | (O) |
| | (C) | Defends a device from threat | (2) |
| | (B) | Against cyber-terrorists | |
| | (A) | Against Malware | |
| 41. | Cybe | er Security provide security against what? | 46. Which |
| | | | |

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| Series-I | , | avoda gri 70 li A (C | |
| | (D) | All options mentioned | |
| | | Cloud Security | |
| | (B) | Application Security | |
| | (A) | Cloud Security | |
| 50. | Which | h of the below is a kind of cyber security? | |
| | (D) | MD5 | |
| | (C) | Phishing | |
| | (B) | Man in the middle | |
| | (A) | Refusal of service | |
| 49. | Whic | ch of the below does not constitute a cybercrime? | |
| | (D) | Both (B) and (C) | |
| | (C) | Antivirus | |
| | (B) | Adware | |
| | (A) | Malware | |
| | and a | avoid them. | ct virus |
| 48. | | is a type of software designed to help the user's computer dete | at viena |
| | (D) | | (b) |
| | (C) | | |
| | (B) | 11 | |
| | (A) | ich of the following can be considered as the elements of cyber securi Application Security | ty? |
| 47. | | De Belle der meitenender ander alle | |
| | (C) (D) | S and I assured attacks | (3) |
| | (B) | and the state of t | |
| , | (A) | Downloads | |
| | inti | iltrate the user's system? | |
| 46. | Wh | hich of the following are famous and common cyber-attacks used by | hackers |

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|-------|--|--------------|
| | Can got say | |
| | (D) Database security | (4) |
| | (C) Wireless Security | |
| | (B) APIs Security | |
| | (A) OS Security | |
| 6. | Mobile security is also known as? | |
| | (D) Wireless Traffic Wireshark | |
| | (C) Wireless Traffic BurpSuit | |
| | (B) Wireless Traffic Maltego | |
| | (A) Wireless Traffic Sniffing | |
| | investigations or during troubleshooting any wireless issue is called? | A LALL |
| 5. | The process of analyzing wireless traffic that may be helpful | for forensi |
| | (D) Access Port | |
| YK | (C) WAP | |
| | (A) WPA (B) Access Point | |
| | | |
| 1. | The central node of 802.11 wireless operations is called. | |
| | (D) Publik Key Infrastructure | |
| | (B) DOS (C) Digital signature | |
| | | |
| | (A) CAAC | |
| | management, storage, distribution, and revocation of digital certificate | |
| | Which of the following answers refers to a hierarchical system for | the creation |
| | (D) 4 key | |
| | (B) 2 key (C) 3 key | |
| | (A) 1 key | |
| 2. | An asymmetric-key (or public-key) cipher uses | |
| | (D) Disguising itself as a legitimate program | |
| | (C) Spreading through infected email attachments | u W |
| | (B) Intercepting and altering communication between two parties | |
| | (A) Overloading a server with traffic | |
| | sa nons jarah symanos herandr don surelas es consciones e constituidas | |

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| | (D) | Can not say |
| | (C) | Can be yes or no |
| | (B) | No No |
| | (A) | Yes and the second time (A) |
| 60. | Comp | outer forensics also be used in civil proceedings. |
| | (D) | Can not say |
| | (C) | Can be true or false |
| | (B) | FALSE |
| | (A) | TRUE |
| | delete | ed files. |
| 59. | Delete | ed files is a common technique used in computer forensics is the recovery of |
| | (D) | All of the above |
| | | systems by building physical arrangements and software checks. |
| | (C) | Data security requires system managers to reduce unauthorized access to the |
| | | collection and use of information |
| | (B) | It refers to the right of individuals or organizations to deny or restrict the |
| | | communication systems against unauthorized access |
| | (A) | Data security is the protection of programs and data in computers and |
| 58. | What | is true about data security? |
| | (D) | Ransomware |
| | (C) | Keylogger |
| | (B) | Adware |
| | (A) | Spyware |
| | creder | atiolog |
| 57. | Which | malware is designed to capture and transmit sensitive data, such as login |
| | | |
| | | |

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| ries-D | | BCA6001 / K-701 |
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| | | Potential 11972 |
| | D) | To ensure the restoration of IT services after a disruptive event To ignore potential risks |
| | | To promote unrestricted data sharing To ensure the restoration of UT |
| | | To promote uprostricts I I I I I I I I I I I I I I I I I I I |
| | (A) | is the purpose of a disaster recovery plan (DRP) in cybersecurity? |
| 55. | | e-governance |
| | (C) (D) | Digital Signature |
| | (B) | Private Key |
| | (A) | Public key |
| | Lunio | ion is known as |
| 64. | The | authentication to be affected by use of asymmetric crypto system and has |
| | (D) | cryptography |
| | (C) | HTML |
| | (B) | graphical coding |
| | (A) | Program |
| 63. | | ital signatures created and verified using |
| | (D) | 105ting |
| 1.1 | (C) | Decryption |
| | (B) | Encryption |
| | (A) | |
| 62. | For | r ethical hacking, what process is followed |
| | (D | |
| | (C | To recover deleted files from storage media |
| | (B | |
| | (A | That is the purpose of a hash value in digital forensics? To encrypt sensitive data |
| | | and the purpose of a nash value in digital forencies |

| 66. | Which chapter of Cyber Law provides the legal Recognition to D (A) Chapter III | igital Signatur |
|---------|--|-----------------|
| | Chapter III | |
| | | |
| | The state of the s | |
| 67. | (D) Chapter IX and X Which type of malware is designed to observe and | |
| | Which type of malware is designed to observe and gather user inf their knowledge? | ormation with |
| | (A) Worm | |
| | (B) Trojan | |
| | (C) Spyware | (a) (b) |
| | (D) Adware | |
| 68. | Password cracker tries | |
| | (A) Man in the middle attack | |
| | (B) Brute force attack | mir (8) |
| | (C) Intrusion detection | H(-(0) |
| | (D) Intrusion prevention | (iv. 10) |
| 69. | e-governance include | |
| | (A) Filing of form online, paperless | |
| | (B) Efficient, low cost, transparent governance | (A) |
| | (C) Both above | |
| | (D) Payment of bills | |
| 70. | | o (0) |
| 1 | Black box and white box pentest is done from and use respectively | er perspective |
| | A) Insider, outsider | |
| | B) Outsider, insider, | |
| | C) Third party, insider | (a) |
| | D) Employee and user | |
| | - Inproject and user | |
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- What is the difference between vulnerability scanning and penetration testing? 71.
 - Vulnerability scanning identifies vulnerabilities and penetration testing (A) exploits them
 - (B) B. Vulnerability scanning is an active process while penetration testing is passive
 - Vulnerability scanning is less thorough than penetration testing (C)
 - Vulnerability scanning is conducted by internal security teams, while (D) penetration testing is conducted by external security firms
- 72. PKI stands for?
 - Public key infrastructure (A)
 - Private key infrastructure (B)
 - (C) Public key instance
 - Private key instance (D)
- 73. Which of the following is a common type of vulnerability in web applications?
 - Denial of service (DoS) (A)
 - (B) SQL injection
 - Man-in-the-middle (MitM) attack (C)
 - (D) Buffer overflow
- 74. What is social engineering?
 - Using force to gain access to the information you need (A)
 - Hacking either telecommunication or wireless networks to gain access to the (B) information you need
 - Using manipulation to deceive people that you are someone you are not to (C) gain access to the information you need
 - (D) Using force to gain all the information available.
- Which of the following is the best approach to conducting a penetration test? 75.
 - (A) Black box testing
 - (B) White box testing
 - (C) Grey box testing
 - (D) Automated testing

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| | (D) Controller | |
| | (C) Holder | . (0) |
| | (B) Subscriber | |
| | (A) Certified authority | iisiifW a |
| 80. | is a person in whose name the Digital Signature Certificate is | issued |
| 0.0 | (D) None of the above | |
| | (C) Encryption & Decryption keys | |
| | (B) Encryption keys | |
| | (A) Decryption keys | |
| 79. | In public key cryptosystem for message confidentiality, which is ke | ot as public? |
| | (D) Both (A) & (C) | |
| | (C) Damaging | |
| | (B) Securing | |
| | (A) Helping | |
| 78. | Is penetration testing used to help or for damaging a system? | |
| 70 | (D) Black Box Testing, Green Box Testing, White Box Testing | |
| | (C) White Box Testing, Brown Box Testing, Red Box Testing | |
| | (B) Black Box Testing, Red Box Testing, Grey Box Testing | |
| | (A) Black Box Testing, White Box Testing, Grey Box Testing | |
| 77. | are ways to conduct penetration testing? | |
| | (C) Both | |
| | (B) Most dangerous | |
| | (A) Most likely. | |
| 76 | should focus on what scenarios? | |

- Which of the following is a general term for malicious software that pretends to be 81. harmless so that a user willingly allows it to be downloaded onto the computer? (A) Spware
 - (B) Virus
 - (C) Trojan Horse
 - (D) Botnets
- Digital signature certificate is issued by (as in IT act 2000) 82.
 - (A) Appellate tribunal
 - (B) Controller of certificate authority
 - (C) Certificate authority
 - (D) Cyber crime investigator
- Which of the following type of attack can actively modify communications or data? 83.
 - (A) Both Active and Passive attack
 - Neither Active nor Passive attack (B)
 - (C) Active attack
 - (D) Passive attack
- Trojan Horse programs operate with what intent? 84.
 - To slowly but surely infect and become your operating system until the (A) system crashes.
 - To openly exploit a systems weaknesses until the user discovers it. (B)
 - To masquerade as non-malicious software while exploiting a system's (C) weaknesses.
 - To do a series of brute force attacks within the system itself and a series of (D) external attacks from other servers
- What is the purpose of a risk response strategy in the risk assessment process? 85.
 - (A) To eliminate all vulnerabilities
 - (B) To promote unrestricted data sharing
 - To outline the actions to be taken in response to identified risks (C)
 - (D) To ignore potential risks

| 86. | In the context of risk assessment, what does the term "vulnerability" refer to? | | | |
|-----|--|---|--|--|
| | (A) | A weakness that could be exploited by a threat | | |
| | (B) | Promoting unrestricted data sharing | | |
| | (C) | Ignoring potential risks | | |
| | (D) | Fostering a risk-aware culture | | |
| 87 | What is the purpose of a risk assessment report in cybersecurity risk management | | | |
| | (A) | To eliminate all vulnerabilities | | |
| | (B) | To promote unrestricted data sharing | | |
| | (C) | To communicate the results of the risk assessment | | |
| | (D) | To ignore potential risks | | |
| 88. | What is the purpose of a threat assessment in cybersecurity risk management? | | | |
| | (A) | To eliminate all vulnerabilities | | |
| | (B) | To identify potential risks and threats | | |
| | (C) | To promote unrestricted data sharing | | |
| | (D) | To ignore the impact of threats | | |
| 89. | Which of the following is a key component of the risk assessment process? | | | |
| | (A) | Ignoring potential risks | | |
| | (B) | Risk acceptance | | |
| | (C) | Promoting unrestricted access to sensitive data | | |
| | (D) | Fostering a risk-aware culture | | |
| 90. | What is the primary goal of a risk assessment in cybersecurity? | | | |
| | (A) | To eliminate all cyber threats | | |
| | (B) | To identify and manage potential risks | | |
| | (C) | To promote unrestricted data sharing | | |

To ignore the impact of cyber threats

| (A) (B) (C) (D) | Malware In of the following is a means to access a computer program or entire uter system bypassing all security mechanisms? Backdoor Masquerading Phishing Trojan Horse are two types of firewall. What are they? Internet-based and home-based. Hardware and software. Remote and local Digital and electronic. | | |
|---|---|--|--|
| Which comp (A) (B) (C) (D) There (A) (B) | Malware h of the following is a means to access a computer program or entire uter system bypassing all security mechanisms? Backdoor Masquerading Phishing Trojan Horse are two types of firewall. What are they? Internet-based and home-based. Hardware and software. Remote and local | | |
| Which comp (A) (B) (C) (D) There (A) | Malware h of the following is a means to access a computer program or entire uter system bypassing all security mechanisms? Backdoor Masquerading Phishing Trojan Horse are two types of firewall. What are they? Internet-based and home-based. Hardware and software. | | |
| Which comp (A) (B) (C) (D) There | Malware h of the following is a means to access a computer program or entire uter system bypassing all security mechanisms? Backdoor Masquerading Phishing Trojan Horse are two types of firewall. What are they? Internet-based and home-based. | | |
| Which comp (A) (B) (C) (D) | Malware h of the following is a means to access a computer program or entire uter system bypassing all security mechanisms? Backdoor Masquerading Phishing Trojan Horse | | |
| Which comp (A) (B) (C) | Malware h of the following is a means to access a computer program or entire uter system bypassing all security mechanisms? Backdoor Masquerading Phishing | | |
| Which comp (A) (B) | Malware h of the following is a means to access a computer program or entire uter system bypassing all security mechanisms? Backdoor Masquerading | | |
| Which comp (A) | Malware h of the following is a means to access a computer program or entire uter system bypassing all security mechanisms? Backdoor | | |
| Whic | Malware h of the following is a means to access a computer program or entire uter system bypassing all security mechanisms? | | |
| Whic | Malware h of the following is a means to access a computer program or entire | | |
| ` , ' | Malware (G) | | |
| (D) | | | |
| | | | |
| (C) | Trojan horse | | |
| (B) | Spyware | | |
| (A) | Botnet | | |
| comn | nunicating with other similar programs in order to perform tasks? | | |
| Which of the following is collection of Internet-connected programs | | | |
| (D) | Malware | | |
| (C) | Virus | | |
| (B) | Botnets | | |
| (A) | Spware (a) | | |
| worm | s? | | |
| (D) Whic | web pages h of the following is the collective name for Trojan horses, spyware, and | | |
| (C) | IP tracer | | |
| (B) | websites | | |
| (A) | emails | | |
| addre | ss of a target or victim user? | | |
| Which | n of the below is a popular victim of cyber attackers looking to gain the IP | | |
| | (A) (B) (C) (D) Which (A) (B) (C) (D) (D) (A) (B) (C) (D) | | |

| Series- | ע | BCA6001 / K-701 Page - 22 | | | |
|---------|---|--|--|--|--|
| Series- | D | ***** | | | |
| | (D) | None of the above | | | |
| | (C) | Cracking passwords | | | |
| | (B) | Covering tracks | | | |
| | (A) | Information gathering | | | |
| 100. | In sys | stem hacking, which of the following is the most crucial activity? | | | |
| | (D) | None of the above | | | |
| | (C) | Client, Server, and network | | | |
| | (B) | Port, network, and services | | | |
| | (A) | Network, vulnerability, and port scanning | | | |
| 99. | Which of the following are the types of scanning? | | | | |
| | (D) | Script | | | |
| | (C) | Vlc player | | | |
| | (B) | Firewall | | | |
| | (A) | Antivirus | | | |
| | one | must always keep on in the computer system. | | | |
| 98. | To protect the computer system against the hacker and different kind of viruses | | | | |
| | (D) | Malware | | | |
| | (C) | | | | |
| | (B) | | | | |
| | (A) | The state of the s | | | |
| 97. | Wh | nat is another name for an insecure plugin? | | | |
| | (D) | Signing algorithm | | | |
| | (C) | Key generation algorithm | | | |
| | (B) | Signature verifying algorithm | | | |
| | (A) | | | | |
| 96. | - A | digital signature scheme consists of which of the following typical algorithms? | | | |
| | | | | | |

4. Four alternative answers are mentioned for each question as – A, B, C & D in the question booklet. The candidate has to choose the correct answer and mark the same in the OMR Answer-Sheet as per the direction:

Example:

Question:
Q. 1 A C D
Q. 2 A B D
Q. 3 A C D

Illegible answers with cutting and overwriting or half filled circle will be cancelled.

- Each question carries equal marks. Marks will be awarded according to the number of correct answers you have.
- All answers are to be given on OMR Answer Sheet only. Answers given anywhere other than the place specified in the answer sheet will not be considered valid.
- 7. Before writing anything on the OMR Answer Sheet, all the Instructions given in it should be read carefully.
- 8. After the completion of the examination candidates should leave the examination hall only after providing their OMR Answer Sheet to the invigilator. Candidate can carry their Question Booklet.
- 9. There will be no negative marking.
- Rough work, if any, should be done on the blank pages provided for the purpose in the booklet.
- 11. To bring and use of log-book, calculator, pager and cellular phone in examination hall is prohibited.
- 12. In case of any difference found in English and Hindi version of the question, the English version of the question will be held authentic.
- Impt. On opening the question booklet, first check that all the pages of the question booklet are printed properly. If there is any discrepancy in the question booklet, then after showing it to the invigilator, get another question booklet of the same series.

4. प्रश्न-पुस्तिका में प्रत्येक प्रश्न के चार सम्भावित उत्तर- A; B, C एवं D हैं। परीक्षार्थी को उन चारों विकल्पों में से एक सही उत्तर छाँटना है। उत्तर को OMR आन्सर-शीट में सम्बन्धित प्रश्न संख्या में निम्न प्रकार भरना है:

> उदाहरण : प्रश्न :

प्रश्न 1 (A) (C) (D)
प्रश्न 2 (A) (B) (D)
प्रश्न 3 (A) (C) (D)

अपठनीय उत्तर या ऐसे उत्तर जिन्हें काटा या बदला गया है, या गोले में आधा भरकर दिया गया, उत्तर निरस्त कर दिया जाएगा।

- प्रत्येक प्रश्न के अंक समान हैं। आपके जितने उत्तर सही होंगे, उन्हीं के अनुसार अंक प्रदान किये जायेंगे।
- सभी उत्तर केवल ओ. एम. आर. उत्तर-पत्रक (OMR Answer Sheet) पर ही दिये जाने हैं। उत्तर-पत्रक में निर्धारित स्थान के अलावा अन्यत्र कहीं पर दिया गया उत्तर मान्य नहीं होगा।
- ओ. एम. आर. उत्तर-पत्रक (OMR Answer Sheet)
 पर कुछ भी लिखने से पूर्व उसमें दिये गये सभी अनुदेशों
 को सावधानीपूर्वक पढ़ लिया जाये।
- परीक्षा समाप्ति के उपरान्त परीक्षार्थी कक्ष निरीक्षक क्रो.
 अपनी OMR Answer Sheet उपलब्ध कराने के बाद ही परीक्षा कक्ष से प्रस्थान करें। परीक्षार्थी अपने साथ प्रश्न-पुस्तिका ले जा सकते हैं।
- 9. निगेटिव मार्किंग नहीं है।
- कोई भी रफ कार्य, प्रश्न-पुस्तिका के अन्त में, रफ-कार्य के लिए दिए खाली पेज पर ही किया जाना चाहिए।
- 11. परीक्षा-कक्ष में लॉग-बुक, कैलकुलेटर, पेजर तथा सेल्युलर फोन ले जाना तथा उसका उपयोग करना वर्जित है।
- 12. प्रश्न के हिन्दी एवं अंग्रेजी रूपान्तरण में भिन्नता होने की दशा में प्रश्न का अंग्रेजी रूपान्तरण ही मान्य होगा।

महत्वपूर्ण: प्रश्नपुस्तिका खोलने पर प्रथमतः जाँच कर देख लें कि प्रश्न-पुस्तिका के सभी पृष्ठ भलीमाँति छपे हुए हैं। यदि प्रश्नपुस्तिका में कोई कमी हो, तो कक्षानिरीक्षक को दिखाकर उसी सिरीज की दूसरी प्रश्न-पुस्तिका प्राप्त कर लें।