

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BVoc DEGREE EXAMINATION DECEMBER 2022
(Fifth Semester)

Branch – NETWORKING AND MOBILE APPLICATIONS

PRIVACY & SECURITY

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(10 x 1 = 10)

1. The _____ aspects, make the computer valuable.
(i) confidentiality (ii) integrity
(iii) availability (iv) all the above
2. Authentication is _____.
(i) private (ii) public
(iii) well know (iv) none of the above
3. Computers use a register known as a _____ that indicates the next instruction.
(i) byte counter (ii) program counter
(iii) byte (iv) mallock
4. _____ is either hardware or software that records all keystrokes entered.
(i) CAPTCHA (ii) buffer
(iii) key logger (iv) Invalid input
5. A _____ problem involves permuting the order of data.
(i) sequencing (ii) packet sniffer (iii) transmit (iv) mutable
6. DOS can occur from _____.
(i) excessive volume (ii) a failed application
(iii) a severed link (iv) all the above
7. What are the different ways to classify an IDS?
(i) Zone based (ii) Network & Zone based
(iii) Host & Network based (iv) Level based
8. The corrective action can be taken by database in _____ ways.
(i) field checks (ii) through access control
(iii) change log (iv) all the above
9. Information collection should be _____ of the person.
(i) private (ii) knowledge and explicit consent
(iii) usage (iv) public
10. Copyright protects _____.
(i) artifacts (ii) expressions of ideas
(iii) ideas (iv) all the above

SECTION - B (25 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks

(5 x 5 = 25)

11. a) Explain about the types of threats.

(OR)

b) Describe about identification and authentication.

Cont...

12. a) Outline the four aspects of malicious code infections?
(OR)

b) Summarise about cross-site scripting.

13. a) Explain about network loss of service.
(OR)

b) Narrate the strengths of WPA over WEP.

14. a) Explain about personal firewall.
(OR)

b) Explain about integrity of the database.

15. a) Outline the steps to protect against privacy loss.
(OR)

b) Explain why computer crime is hard to prosecute?

SECTION -C (40 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks

(5 x 8 = 40)

16. a) Discuss about Parity and Hash Codes.
(OR)

b) Elucidate about Cryptography.

17. a) Discuss about malicious code.
(OR)

b) Examine about defaced and fake web sites.

18. a) Discuss about DoS.
(OR)

b) Highlights the threats to network communications.

19. a) Analyze about intrusion prevention systems.
(OR)

b) Examine about firewalls.

20. a) Discuss about the privacy on the web.
(OR)

b) Summarise the legal protection to programs and data.

Z-Z-Z

END