TOTAL PAGES: 2

23NMB641N

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BVoc DEGREE EXAMINATION MAY 2026
(Sixth Semester)

Branch- **NETWORKING AND MOBILE APPLICATION**

NETWORK PRIVACY AND SECURITY

Time: Three Hours Maximum: 75 Marks

SECTION-A (10 Marks)

Answer **ALL** questions

ALL questions carry **EQUAL** marks (10 × 1 = 10)

Module No.	Question No.	Question	K Level	CO
1	1	How many computation rounds do the simplified AES consists of? a) 5 b) 2 c) 8 d) 10	K1	CO1
	2	Show which of the following refers to unauthorized change. a) Interception b) Modification c) Fabrication d) Interruption	K2	CO1
2	3	Which intercepts the data passing through the browser? a) Man-in the middle b) Website defacement c) Man-in the browser d) Keystroke logger	K1	CO2
	4	Show which of the following is NOT a type of malware. a) Virus b) Worm c) Firewall d) Trojan	K2	CO2
3	5	Which among the following attack tricks the user to click a link by disguising what the link points to? a) Clickjacking b) Website defacement c) Keystroke logger d) Man in the browser	K1	CO3
	6	Infer Who controls a botnet. a) User b) Botmaster c) Antivirus d) ISP	K2	CO3
4	7	Which type of IDS monitors network traffic? a) Host-based IDS b) Network-based IDS c) Local IDS d) File-based IDS	K1	CO4
	8	Infer where is a firewall placed. a) CPU and RAM b) User and keyboard c) Internal network and external network d) Monitor and system	K2	CO4
5	9	Which principle ensures users know how their data is used? a) Transparency b) Encryption c) Storage d) Processing	K1	CO5
	10	What is the technique used in business organizations and firms to protect IT assets? a) Ethical Hacking b) Unethical hacking c) Fixing Bugs d) internal data-breach	K2	CO5

Cont...

SECTION - B (35 Marks)

Answer **ALL** questions

ALL questions carry **EQUAL** Marks (5 × 7 = 35)

Module No.	Question No.	Question	K Level	CO
1	11.a.	Interpret CIA Triad.	K2	CO1
		(OR)		
	11.b.	Explain the Method-Opportunity-Motive.		
2	12.a.	Illustrate the protection against various email attacks.	K3	CO2
		(OR)		
	12.b.	Show the security features of Operating System.		
3	13.a.	Examine the threats to network communications.	K3	CO3
		(OR)		
	13.b.	Illustrate the concept of flooding attacks.		
4	14.a.	Analyze the concept of Intrusion Prevention System.	K4	CO4
		(OR)		
	14.b.	Identify the goals of IDS.		
5	15.a.	Examine the privacy on the web.	K4	CO5
		(OR)		
	15.b.	Identify the rights of employees and employers.		

SECTION -C (30 Marks)

Answer **ANY THREE** questions

ALL questions carry **EQUAL** Marks (3 × 10 = 30)

Module No.	Question No.	Question	K Level	CO
1	16	Examine the concept of public key cryptography.	K4	CO1
2	17	Illustrate the concept of buffer overflow attack.	K4	CO2
3	18	Analyze the distributed Denial-of-Service attack.	K4	CO3
4	19	Identify the different types of firewalls.	K4	CO4
5	20	Examine the ethical issues in computer security.	K4	CO5

Z-Z-Z END