BCA III Sem V

Seat No.

QP Code: 3844QP
Total No. of Pages: 2

Summer Examination March - 2023

Subject Name: B.C.A. (CBCS)_88234_IT Security_27.05.2023_02.30 PM To 05.30 PM
Subject Code: 88234

Day and Date: Saturday, 27-05-2023
Time: 02:30 pm to 05:30 pm

Total Marks: 70

Instructions.:
    1) Figures to the right indicate full marks
Special Instruction.:
    Q1. and Q.6 are compulsory ,Attempt any 3 from Q.2 to Q.5.

Q.1.

A) Select correct alternative among the alternatives given below.			10		**[20]**
1)	Who is the father of computer security?				
	a)	August Kerckhoffs	b)	Bob Thomas	
	c)	Robert	d)	Charles	
2)	When plain text is converted to unreadable format, it is termed as _____				
	a)	rotten text	b)	raw text	
	c)	cipher-text	d)	ciphen-text	
3)	Which of the following is defined as an attempt to harm, damage or cause threat to a system or network?				
	a)	Digital crime	b)	Threats	
	c)	System hijacking	d)	Cyber Attack	
4)	There is an excessive amount of data flow, which the system cannot handle, ____ attack takes place.				
	a)	Database crash attack	b)	DoS (Denial of Service) attack	
	c)	Data overflow Attack	d)	Buffer Overflow attack.	
5)	Which of them is not a wireless attack?				
	a)	Eavesdropping	b)	MAC Spoofing	
	c)	Wireless Hijacking	d)	Phishing	
6)	What are the features of cyber security?				
	a)	Compliance	b)	Defense against internal threats	
	c)	Threat Prevention	d)	All of the above	
7)	Firewalls can be of _____ kinds.				
	a)	1	b)	2	
	c)	3	d)	4	
8)	What is the name of the IT law that India is having in the Indian legislature?				
	a)	India's Technology (IT) Act, 2000	b)	India's Digital Information Technology (DIT) Act, 2000	
	c)	India's Information Technology (IT) Act, 2000	d)	The Technology Act, 2008	
9)	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	
10)	Which of the following information security technology is used for avoiding browser-based hacking?				
	a)	Anti-malware in browsers	b)	Remote browser access	
	c)	Adware remover in browsers	d)	Incognito mode in a browser	
B)	Write answers of following questions in brief. (Any two out of three)			10	
	1	What do you mean by Physical IT Assets? Explain physical assets in brief			
	2	Describe information security dimensions.			
	3	State any five features of IT Act 2000.			

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Q.2. State and explain different security threats in Information Technology.   **[10]**

Q.3. Define Information system security.Explain Information Security need and challenges.   **[10]**

Q.4. Explain various cyber crimes under Information Act 2000. [10]

Q.5. Explain various control measures for Information Security. [10]

Q.6. Write short note on following questions (any Four out of six) [20]
1)IT Assets.
2)Types of Cryptography.
3)Malicious code.
4) Digital Signiture.
5)IS audit.
6)Cyber security standards.