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Printed Page: 1 of 1

BTECH (SEM IV) THEORY EXAMINATION 2023-24 **CYBER SECURITY**

TIME: 3 HRS **M.MARKS: 70**

	SECTION A	
Atte		x7 = 14
a.	How does cybercrime differ from traditional crime?	
b.	What are the common profiles of cybercriminals in terms of demographics	and skills
c.	How do registry settings differ between mobile operating systems such a and iOS?	as Androi
d.	How are financial institutions adapting to the increase in mobile credit card	d fraud?
e.	What is a keylogger, and how does it capture keystrokes?	
f.	What is digital forensics, and how does it differ from traditional forensic so	cience?
g.	What is a patent, and what are the criteria for obtaining one in India?	
	SECTION B	
		$\frac{x \cdot 3 = 21}{x^2}$
a.	What tools and technologies are essential for protecting against cybercrime	
b.	How do multi-factor authentication (MFA) systems work on mobile device	es?
c.	What is steganography, and how is it used to conceal information?	1.0
d.	What are the technical challenges faced by computer forensics professiona	
e.	How can trademark infringement be prevented and remedied under Indian	10332
		law.
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(a) (b)	SECTION C mpt any one part of the following: What are the typical stages of a cyber-attack? How can botnet activities be detected and disrupted by cybersecurity profe	x 1 = 7
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