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## End Semester Examination 2024

Name of the Course: BCASemester: 6thName of the Paper: Network  
Security and Cyber LawPaper Code: TBC 602

Time: 3 Hour's

Maximum Marks: 100

**Note:**

- (i) All Questions are compulsory.
- (ii) Answer any two sub questions among a,b and c in each main question.
- (iii) Total marks in each main question are twenty.
- (iv) Each question carries 10 marks.

<b>Q1</b>	<b>(10 X2 = 20 Marks)</b>	<b>Specify COs for Q1</b>
(a)	What is Network Security services and its mechanisms?	
(b)	What is X.509 Directory Authentication Service explain in detail?	
(c)	What is network security attack? How many types of attack explain?	
<b>Q2</b>	<b>(10 X2 = 20 Marks)</b>	<b>Specify COs for Q2</b>
(a)	Explain any 2: A) Pretty Good Privacy. B) S/Mime c) SET Protocol	
(b)	What is Security threat? Explain in detail.	
(c)	What is Transport Layer security?	
<b>Q3</b>	<b>(10 X2 = 20 Marks)</b>	<b>Specify COs for Q3</b>
(a)	What is Virus? Explain any 2 types of Viruses in detail	
(b)	What is Authentication Header? Explain with diagram	
(c)	What is Firewall and firewall design principal?	
<b>Q4</b>	<b>(10 X2 = 20 Marks)</b>	<b>Specify COs for Q4</b>
(a)	Explain any 2: A) Cyber B) Cyber Crime C) Cyber Criminal D) Cyber Law	
(b)	What is E-Governance and Limitations of E-Governance	
(c)	What is the IT act? Explain IT Act 2000?	
<b>Q5</b>	<b>(10 X2 = 20 Marks)</b>	<b>Specify COs for Q5</b>
(a)	Explain any 2 types of Buffer overflow attack?	
(b)	What is email, mobile and Instant messengers?	
(c)	What is DOS and its type?	

**Note** For the question paper setters:

- Question paper should cover all the COs of the course.