Total No. of Printed Pages:01

SUBJECT CODE NO:- H-119
FACULTY OF ENGINEERING AND TECHNOLOGY
B.E. (CSE/IT)
Computer System Security and Laws (CSE/IT)
(REVISED)

[Time: Three Hours]   [Max. Marks: 80]

Please check whether you have got the right question paper.
N.B   1) Q.1 and Q.6 are compulsory.
             2) Solve any two questions from Q.2 to Q.5 and Q.7 to Q.10.

Section A

Q.1	Write need for security. What are the key principles of security?	10
Q.2	a) Explain Advanced Encryption standard.	08
	b) What is access control? How different is it from availability.	07
Q.3	a) Differentiate between passive and active attacks.	08
	b) Explain biometric authentication.	07
Q.4	a) Explain Secure Hash Algorithm (SHA)? Why is SHA more secure than MD 5?	08
	b) If p=5, q=11, e=3, M=9 perform encryption and decryption using RSA algorithm.	07
Q.5	a) Explain 'Kerberos' Authentication protocol.	10
	b) Differentiate between role based and rule based authentication.	05

Section B

Q.6	Explain E-mail security in detail.	10
Q.7	a) How is SHTTP different from SSL?	08
	b) Explain different alert codes of TLS protocol.	07
Q.8	a) Explain how security is addressed in IEEE 802.11	08
	b) Explain various stages of incident response.	07
Q.9	a) Explain IT ACT 2000. Also mention silent features of this act.	08
	b) Explain Incident response policy plan and procedures.	07
Q.10	a) What is cyber forensics? Explain procedure of cyber forensics.	08
	b) Explain nmap and wireshark tools.	07