

No Preview
Available

Total No. of Question : [4]

Registration No. :

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Programme Name : Bachelor of Computer Science Engineering

Regular T.Y.B.Tech. Sem. VI ESE May / June 2023

VI SEMESTER (2020 BATCH)

201CSL315-Information Security

Duration : 2 Hours

Marks : 50

Instructions :

(Q1) All Questions are compulsory [20.0]

(1.1) Explain X' 800 security services [7.0]

CO :- 1

Blooms Taxonomy :- Understand

(1.2) Write and explain RSA algorithm [6.0]

CO :- 2

Blooms Taxonomy :- Understand

(1.3) Apply DSS approach to digital signatures [7.0]

CO :- 3

Blooms Taxonomy :- Understand, Apply

(Q2) All Questions are compulsory [10.0]

(2.1) Explain Encapsulating security payload header format used in IPSec. [4.0]

CO :- 3

Blooms Taxonomy :- Understand, Apply

(2.2) Discuss Transport mode and Tunnel mode in IP Sec. [6.0]

CO :- 3

Blooms Taxonomy :- Understand, Apply

OR [2.2 / 2.3]

(2.3) Draw Kerberos architecture and explain [6.0]

CO :- 2

Blooms Taxonomy :- Understand

(Q3) All Questions are compulsory [10.0]

(3.1) What are requirements of SET? Which features are incorporated to match requirements? [5.0]

CO :- 3

Blooms Taxonomy :- Understand, Apply

(3.2) Explain Distributed IDS [5.0]

CO :- 4

Blooms Taxonomy :- Understand

OR [3.2 / 3.3]

(3.3) Explain the applications and benefits of IPSec [5.0]

CO :- 4

Blooms Taxonomy :- Understand

(Q4) Attempt any two out of three questions [10.0]

(4.1) Explain SQL injection. Give examples [5.0]

CO :- 5

Blooms Taxonomy :- Understand

(4.2) What is SASE? Explain components of SASE [5.0]

CO :- 5

Blooms Taxonomy :- Understand

(4.3) Explain Rootkit, Buffer overflow, Bots [5.0]

CO :- 5

Blooms Taxonomy :- Understand
