Total No. of Questions : 5]

SEAT No. :

PE-1512

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T.Y. B.Sc.
COMPUTER SCIENCE
CS-352 : Computer Networks - II
(Rev. 2019) (Semester - V) (CBCS)

Time : 2 Hours] *[Max. Marks : 35*

Instructions to the candidates:

1) ***All questions are compulsory.***
2) ***Figures to the right indicate full marks.***
3) ***Assume suitable data, if necessary.***

Q1) **Attempt any Eight of the following:** **[8 × 1 = 8]**

a) What is mean by resolver?

b) How the namespace is organized?

c) Explain the term Quantization.

d) Define asymmetric key cryptograpy.

e) State any four generic domain.

f) What is multimedia?

g) List out the name of two IPsec protocol.

h) Shortly explain digital signature.

i) Give the full form of PGP.

j) State True/False: In tunnel mode. IPsec protects the entire IP packet.

Q2) **Attempt any Four of the following:** **[4 × 2 = 8]**

a) Write a short note on different types of agents.

b) Define Diffusion & Confusion.

c) Explain different types of server.

d) List out different types of PGP services.

e) State different types of frames in MPEG.

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Q3) **Attempt any Two of the following:** **[2 × 4 = 8]**

a) Explain various types of security services.

b) What is difference between POP3 and IMAP4.

c) State and explain various SSL services.

Q4) **Attempt any Two of the following:** **[2 × 4 = 8]**

a) Explain Recursive name address resolution.

b) State and Explain RTCP message type.

c) Define firewall. Explain it's types.

Q5) **Attempt any One of the following:** **[1 × 3 = 3]**

a) Explain first opproach of slreaming stored audio/vidio.

b) P and Q are two prime numbers. P = 7, Q = 17. Take public key E = 5. If plain text is 6 then what will be the cipher text value according to RSA algorithm?

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