SEAT No. :

[6468]-52
T.Y.B.Sc.
COMPUTER SCIENCE
CS-352 : Computer Networks- II
(Revised 2019) (CBCS) (Semester - V)

Time : 2 Hours]

[Max. Marks : 35

Instructions to the candidates :
1) *All questions are compulsory.*
2) *Figures to the right indicate full marks.*

Q1) **Attempt any eight of the following.**   [8 × 1 = 8]

a)   State the types of resolution.

b)   What is the use of DNS?

c)   List the types of domain.

d)   Which techniques are used for audio compression?

e)   What is VoIP?

f)   Define symmetric key cryptography.

g)   What is use of massage digest?

h)   What is the objective of internet security?

i)   Which are the IPSec modes?

j)   Define security association.

P.T.O.

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

    a)   Write a short note on key rings.

    b)   State comparision between conventional sign and digital sign.

    c)   Explain traditional cipher technique.

    d)   Define jitter and timestamp.

    e)   Write down the types of domain name.

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

    a)   Explain format of email in detail.

    b)   Write a note on encryption model.

    c)   Which services provided by PGP.

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

    a)   Explain types of resolution.

    b)   How the JPEG compression is performed?

    c)   Define firewall, State its type.

Q5) **Attempt any one of the following.** [1 × 3 = 3]

    a)   Explain VoIP.

    b)   Explain the steps of RSA.

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