



Seat No.

QP Code: 1085QP

Total No. of Pages: 2

January - February (Winter) Examination - 2023

Subject Name: B.C.A. (CBCS)_83375_Computer Network and Internet_14.01.2023_10.30 AM To 01.30 PM

Subject Code: 83375

Day and Date: Saturday, 14-01-2023

Time: 10:30 am to 01:30 pm

(B.C.A. II, SEM III)

Total
Mark
s: 70

Instructions.:

1) Figures to the right indicate full marks

Special Instruction.:

Q. 1 and Q. 6 are compulsory Attempt any three from Q. 2 to Q. 5

Q.1. A) Select the correct alternative

[20]

10

1) Which of the following communications modes support two-way traffic but

in only one direction of a time?

a) Simplex

b) Half-duplex

c) Three-quarters duplex

d) Full duplex

2) A device that is used to connect a number of LANs is _____ .

a) Router

b) Repeater

c) Bridge

d) Switch

3) Which one of the following network devices doesn't use any routing table for sending the data?

a) Router

b) Bridge

c) Both (a) and (b)

d) None of

these

4) Data communication system within a building or campus is _____ .

a) MAN

b) LAN

c) WAN

d) PAN

5) Which topology requires a central controller or hub?

a) Star

b) Mesh

c) Ring

d) Bus

6) Which transmission media provides the highest transmission speed in a network?

a) Coaxial Cable

b) Twisted Pair Cable

c) Optical Fiber

d) Electrical Cable

7) The data link layer takes the packets from _____ and encapsulates them

into frames for transmission.

a) Network Layer

b) Physical layer

c) Transport Layer

d) Application Layer

