

- NAME - ASHUTOSH ARDU
 REG NO. - 20BRS1262

IPv4 Task

1) a) 148.32.59.24

↓
 100101001 | 00100000 | 00111011 | 00011000

Belongs to Class B.

b) 202.42.129.16

Belongs to Class C.

11001010 | 00101010 | 10000001 | 00010000

c) 14.87.19.54

Belongs to Class A.

00001110 | 01010111 | 00010011 | 00110110

2) • Classes - A

B

C

B

C

A

C

D (230....)
B

3) Classer

E

C

A

C

C

A

B

C

4)

→ 188.10.0.0

→ 10.10.48.0

→ 192.149.24.0

→ 150.203.0.0

5) → 200.120.135.0

→ 27.0.0.0

→ 199.20.150.0

→ 199.55.165.0

6)

→ 0.0.18.2

Host address

→ 0.255.255.80

→ 0.0.0.11

→

7) Default netmask

→ 255.0.0.0

→ 255.0.0.0

→ 255.255.255.0

→ 255.255.255.0

→ 255.0.0.0

→ 255.255.0.0