NOTRE DAME UNIVERSITY BANGLADESH

ASSIGNMENT 02

Submitted To : Fernaz Narir Nur

Associate Professor, NDUB

Submitted By : Kazi Nayeem Hossain

ID : 191120005

You have a Class B network (144.12.0.0).

Now divide the network with subnets of the following size: 5000, 1500 , 850, 150, 100, 75, 90, and 3 WAN links.

Fill in the table

Size	**IP Addresses Given**	**Network Address**	**Broadcast Address**	**Subnet Mask**
5000	8192	144.12.0.0	144.12.31.255	/19
1500	2048	144.12.32.0	144.12.39.255	/21
850	1024	144.12.40.0	144.12.43.255	/22
150	256	144.12.44.0	144.12.46.255	/24
100	128	144.12.45.0	144.12.46.127	/25
90	128	144.12.45.128	144.12.45.255	/25
75	128	144.12.46.0	144.12.46.127	/25
WAN# 1		144.12.46.128	144.12.46.131	/30
WAN# 2		144.12.46.132	144.12.46.135	/30
WAN# 3		144.12.46.136	144.12.46.139	/30
Extra	53623	144.12.46.140		