



BLG 632E

NEXT GENERATION

WIRELESS NETWORKS

CRN: 23552

INSTRUCTOR: IRFAN ALI

ASSIGNMENT #2

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1)

Write down the IMSI of the UE?

IMSI of the UE : **325912900111225**

Assuming that the MCC is 3 digits long and MNC is also 3 digits long, what is the PLMN-ID of the operator of the UE?

325	912	900111225
MCC	MNC	MSIN
PLMN-ID		

What is the value of id-eNB-UE-S1AP-ID set by the eNB in Packet#1?

The value of id-eNB-UE-S1AP-ID set by the eNB in Packet#1 is **1001**

What is the value of id-MME-UE-S1AP-ID set by the MME in Packet#186?

The value of id-MME-UE-S1AP-ID set by the MME in Packet#3 is **1**

2)

a)

In Packet **2487**,

Type of ciphering algorithm: EPS encryption algorithm **EEA0** (null ciphering algorithm) (0)

Type of integrity protection algorithm: EPS integrity algorithm **128-EIA2** (2)

b)

In packet **2496**,

encryptionAlgorithms: c000 [bit length 16, 1100 0000 0000 0000 decimal value 49152]

integrityProtectionAlgorithms: c000 [bit length 16, 1100 0000 0000 0000 decimal value 49152]

c)

In packet **2496**,

EPS bearer identity: EPS bearer identity value **5** (5)