Assignment -2

i. All dynamic Host Configuration Protocol
messages include FIXED and _____ format
section
    a) variable
    b) constant
    c) optional
    d) None of the above.

   → variable.

ii. Flag is set to _____ to indicate that
message must broadcast.
    a) 0
    b) 1
    c) 3
    d) 2

   → 1

iii. PLEN indicates
    a) the internetwork protocol
    b) the network link protocol
    c) the length of a hardware address
    d) None of the above.

   → None of the above

iv. There are two well known ports for BOOTP

 a) 64 for server, 65 for client

 b) 77 for server, 78 for client

 c) 67 for server, 68 for client

 d) 47 for server, 48 for client

 → 67 for server, 68 for client.

V. _____ is a smaller version of the OSI reference model

 a) DOD (Department of defense)

 b) TCP/IP

 c) URG

 d) UDP.

 → DOD (Department of defense)

VI. _____ field contains valid data

 a) PSH

 b) ACK

 c) URG

 d) SYN

 → URG

VII ICMP messages have two types of code ___
and ___

a) logic , command
b) Query , Error
c) Command , Error
d) None of the above

→ Query , Error.

VIII Opcode is ___ for a request and ___ for
a reply

a) 0 , 1
b) 1 , 0
c) 1 , 2
d) 2 , 1

→ 1 , 2

ix ___ specifies the network link protocal

a) HTYPE
b) PTYPE
c) HLEN
d) PLEN

→ HTYPE

x. _____ verifies the validity of the ICMP header

a) Hosts
b) Opcode
c) checksum
d) Gateway.

→ checksum.