



IT 430 SOLVED ENJOY

Question # 1

A) 12.68.2.12 00000011. 00010001 .00000001. 00000011

128.40.0.30 10000000. 00101000. 0 . 00011110

192.130.4.12 11000000 .10000010 .00000100. 00011000

B) 11101100.00101011.11011011.10000101

$(2^0*1+2^1*1+2^2*1+2^3*0+2^4*1+2^5*1+2^6*0+2^7*0).$

$(2^0*0+2^1*0+2^2*1+2^3*0+2^4*1+2^5*0+2^6*1+2^7*1).$

$(2^0*1+2^1*1+2^2*0+2^3*1+2^4*1+2^5*0+2^6*1+2^7*1).$

$(2^0*1+2^1*0+2^2*0+2^3*0+2^4*0+2^5*1+2^6*0+2^7*1).$

= 236.43.219.133

00010111.01010011.10001101.10100000

$(2^0*0+2^1*0+2^2*0+2^3*1+2^4*0+2^5*1+2^6*1+2^7*1).$

$(2^0*0+2^1*1+2^2*0+2^3*1+2^4*0+2^5*0+2^6*1+2^7*1).$

$(2^0*1+2^1*0+2^2*0+2^3*0+2^4*1+2^5*1+2^6*0+2^7*1).$

$(2^0*1+2^1*0+2^2*0+2^3*0+2^4*0+2^5*1+2^6*0+2^7*1).$

=23.83.141.160

Question # 2

ARP and RARP operate and the Network layer of the OSI Model.

ARP is used to associate a logical address with a physical address. It is also used to find the physical address of the node when its internet address is known.

RARP allows a host to discover its internet address when it knows its physical address. It is used when a computer is connected to a network for the first time

Question # 3

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value="Submit"></a><input
type="reset"></td>
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