**Answer:** **(C)**   
  
**Explanation:**

You can also see the  image uploaded in previous question.

**(a)**

<0,15,31> 0th cylinder 15th surface and 31st sector  
So, 0 cylinders passed 0\*20\*63  
As each cylinder has 20 surfaces and each surface has 63 sectors. + 15 surfaces passed (0-14) 15\*63  
As each surface has 63 sectors + We are on 31st sector  
So, sector no. =0\*20\*63+15\*63+31=976 sector.  
Which is not equal to 1039.

**(b)**

<0,16,30>  
Similarly this represents,  
0\*20\*63 + 16\*63 (0-15 sectors and each sector has 63 sectors) + 30 sectors on 16th sector  
Sector no = 0\*20\*63+16\*63+30=1038 sector which is not equal to 1039.

**(c)**

<0,16,31>  
Similarly this represents,  
0\*20\*63 + 16\*63 (0-15 sectors and each sector has 63 sectors) + 31 sectors on 16th sector  
Sector no = 0\*20\*63+16\*63+31=1039 sector which is equal to 1039.

Hence,option c is correct.

**(d)**

<0,17,31>

Similarly this represents,  
0\*20\*63 + 17\*63 (0-16 sectors and each sector has 63 sectors) + 31 sectors on 17th sector  
Sector no = 0\*20\*63+17\*63+31=1102 sector which is not equal to 1039.