[\_[ The bejahtness of X would decreases  
a)Water droplets.  
b)Metal is a.good conductor of heat contact , so it would gain heat  
from the surrounding water vapour faster to allow more water vapour |  
to process condense into more water droplets so more water is  
produced.  
c)This is so the metal top has more surface area in contact with more  
water vapour in the air so there will be a higher rate of condensation =|  
and more water will be produced. ~  
  
Q44) | a)t hour |  
  
\_ | b)At 12p.m.  
c)As hot water leaves the water tank when Jia Ming is bathing, the  
cold water will enter the water tank to fill up the space. It takes time for ,  
the cold water to gain heat from the heating coil but cold water keeps  
entering the tank when tap is on. So it will not reach 49° C instantly so  
not so hotjas when he started. bathing.  
d)B. B only takes 5 minutes to heat water up to 49°C whereas A takes  
1 hour and the amount of heated water is finite. The water is heated up  
. only when needed. .  
| oy