

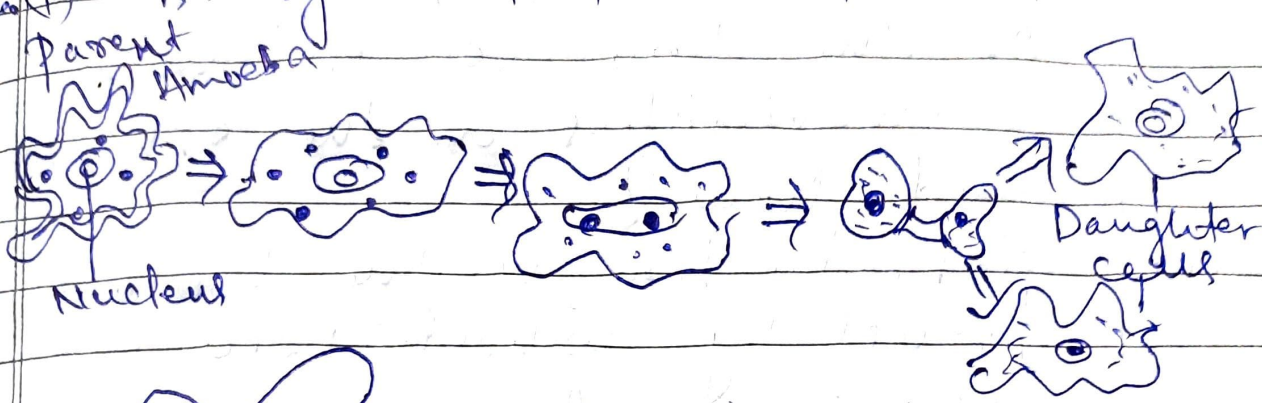
# Home Assignment

Date - 27/ July/2021

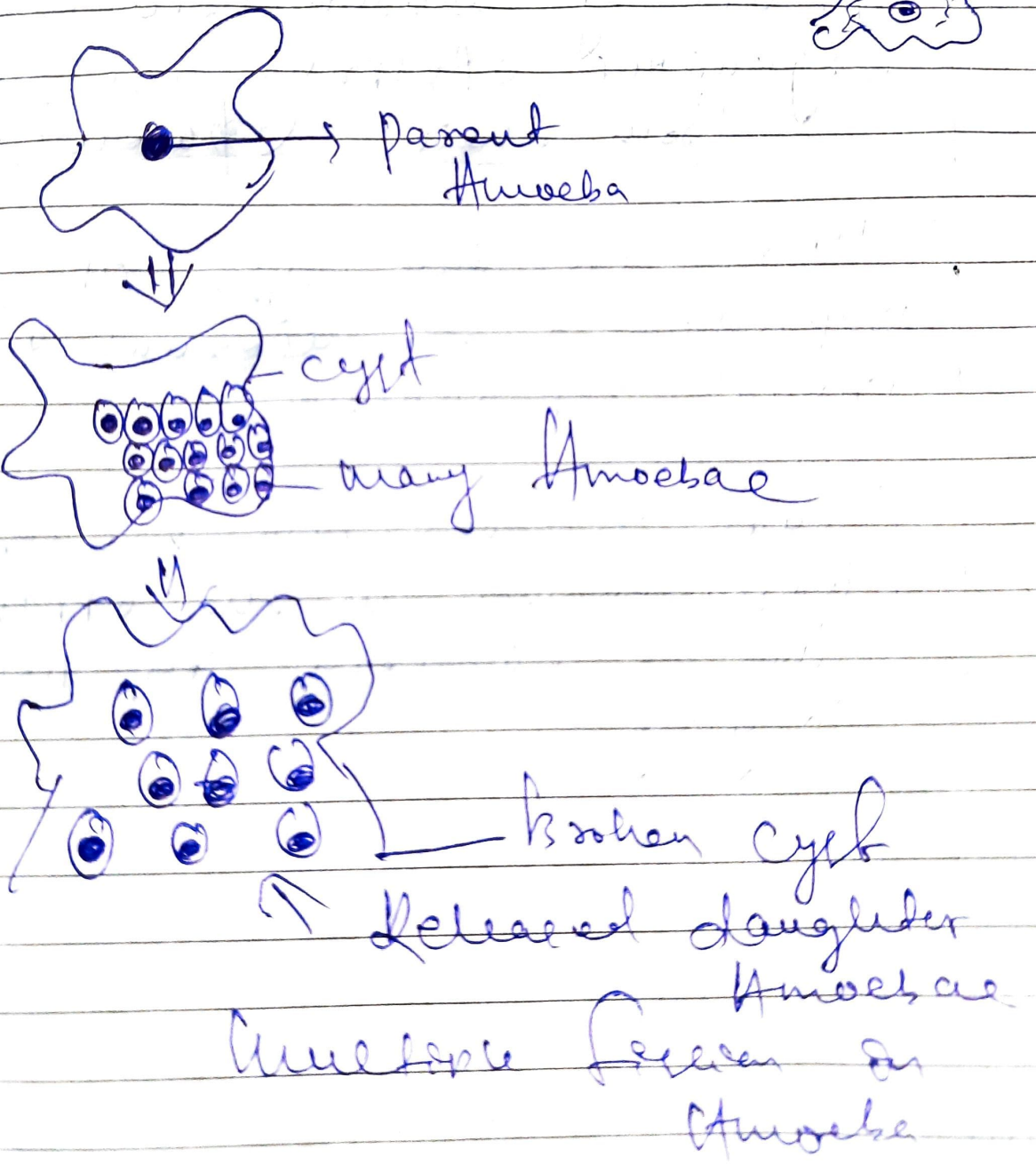
① "variations that confer an advantage to an individual organism only will survive in a population." True or false.  
ans. Variation is the difference in the characters or traits among the individuals of a species. It is clear that only variations that confer an advantage to an individual organism will survive in a population. The chance of being survived or the nature of variations.

② Illustrate the founding with the help of suitable diagram.  
ans. Bottleneck

Ques) Multiple fission in Amoeba.  
ans) Binary fission in Amoeba



Ques)



Multiple fission in Amoeba

Q

What is reproduction? What are its two types? Which one of the two confers new characteristics on the offspring and how?

ans.

Reproduction is the biological process by which new individual organisms offspring are produced from their parents.

There are two types of reproduction — asexual and sexual reproduction.

Sexual reproduction confers new characteristics on the offspring due to variation in DNA copying.