



## Ques 1

**A.** Which medium is used for the growth of *E.coli*? Write the composition of the medium.

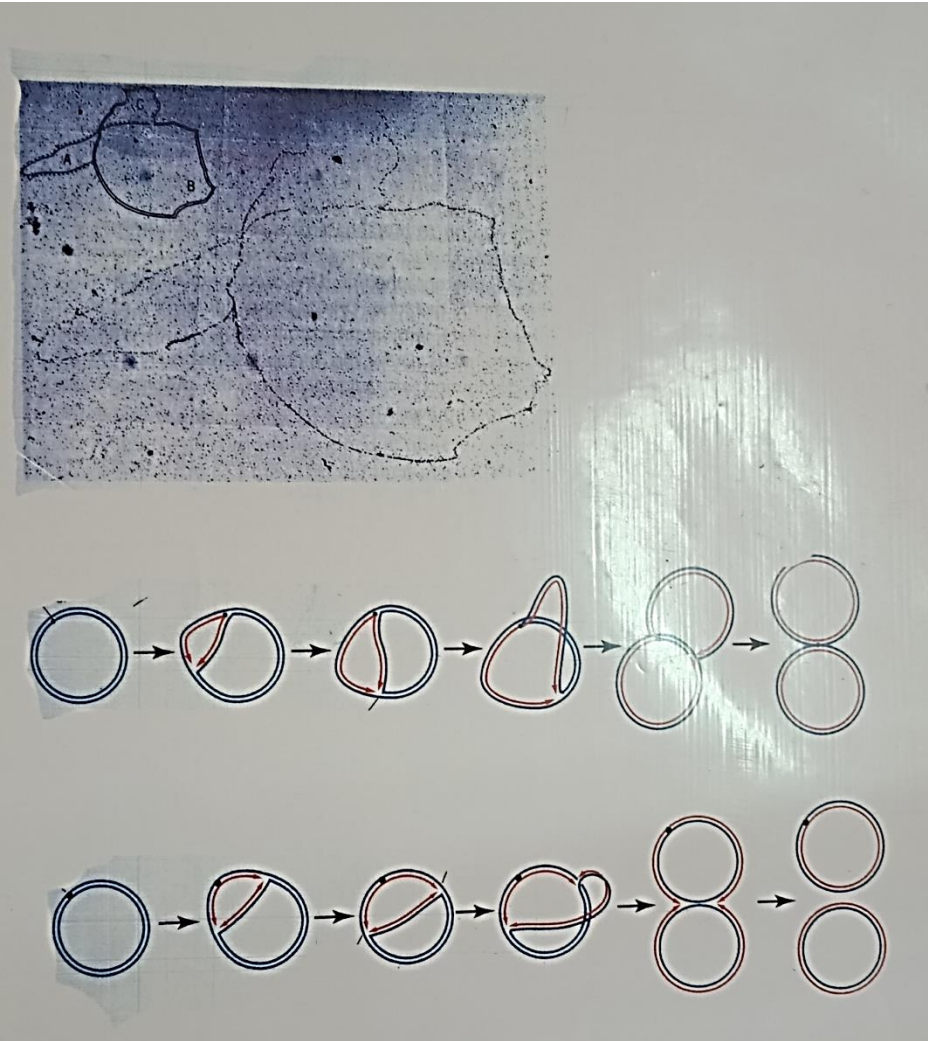
**B.** Mention any 2 methods by which aseptic conditions can be maintained during preparation and inoculation of the medium. (explain in 2-3 lines)

**C.** What is differential and selective media .

**D.** Explain two different methods of growing *E. coli* on solid medium.



## Ques 2



**A.** What does the photograph depict?

**B.** Name the scientists who performed the experiment

**C.** Name the tracer element used

**D.** What observations would you make after 2 rounds of replication?