

BOWEN UNIVERSITY IWO
COLLEGE OF AGRICULTURE, ENGINEERING AND SCIENCES
MICROBIOLOGY PROGRAMME
2022/2023 FIRST SEMESTER EXAMINATIONS
MCB 409: FOOD AND DAIRY MICROBIOLOGY PRACTICAL

Instruction: Answer ALL questions

Time: 1hr 15min

1. Suggest a name and label the numbered parts in the figures below (12 marks)

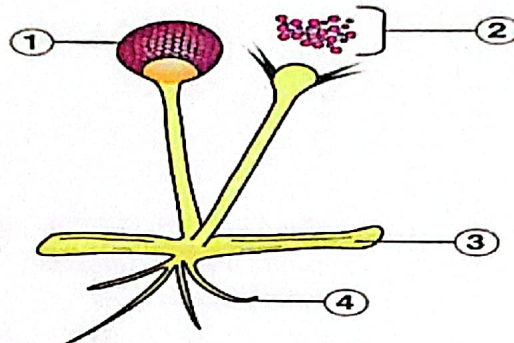


Figure 1:

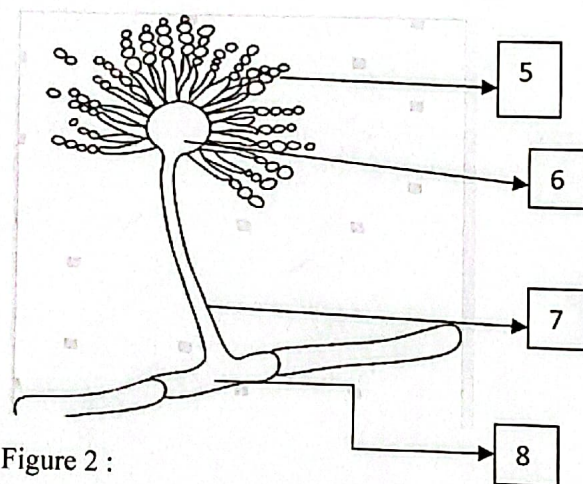


Figure 2 :

2. You are provided with 2 test tubes containing 5mL of different milk samples labelled A and B. Test for microbial contamination by using 0.5mL of methylene blue reagent and record your observations.
- Explain the steps involved in the test above (5 marks)
 - Comment on the sanitary conditions of the milk samples (3 marks)
 - Give a name for the test (1 mark).
3. Mention **TWO** types of bacteriological media that can be used to isolate bacteria from food samples and **ONE** organism likely to be isolated on each (4 marks)