



BOWEN UNIVERSITY IWO
COLLEGE OF HEALTH SCIENCES
PUBLIC HEALTH PROGRAMME

B.Sc DEGREE FIRST SEMESTER EXAMINATION 2023/2024 SESSION.

PUH 337: PUBLIC HEALTH MICROBIOLOGY AND PARASITOLOGY

DATE: TUESDAY, 6TH FEBRUARY, 2024 TIME: 8.30 AM-12 NOON

INSTRUCTIONS: Answer two questions in section A and all questions in Section B

SECTION A

1. Bacteria are classified according to their:

- i. Scientific name
- ii. Shape
- iii. Need for oxygen
- iv. Staining

With the aid of relevant examples, briefly discuss the above classifications further (20 marks).

2. There are three main types of parasites that cause diseases in humans namely: Ectoparasites, Helminths and Protozoans. Discuss this statement further with relevant examples. (20 marks).

3a. State the roles of public health laboratory in the control and prevention of communicable diseases (10 marks).

3b. Write briefly on sample transportation with highlights on transport medium (10 marks).

SECTION B

4. Identify Figures A –E and mention the disease condition they are responsible for. (15 marks)

5. State the appropriate samples to be collected into figures F – J (15 marks)

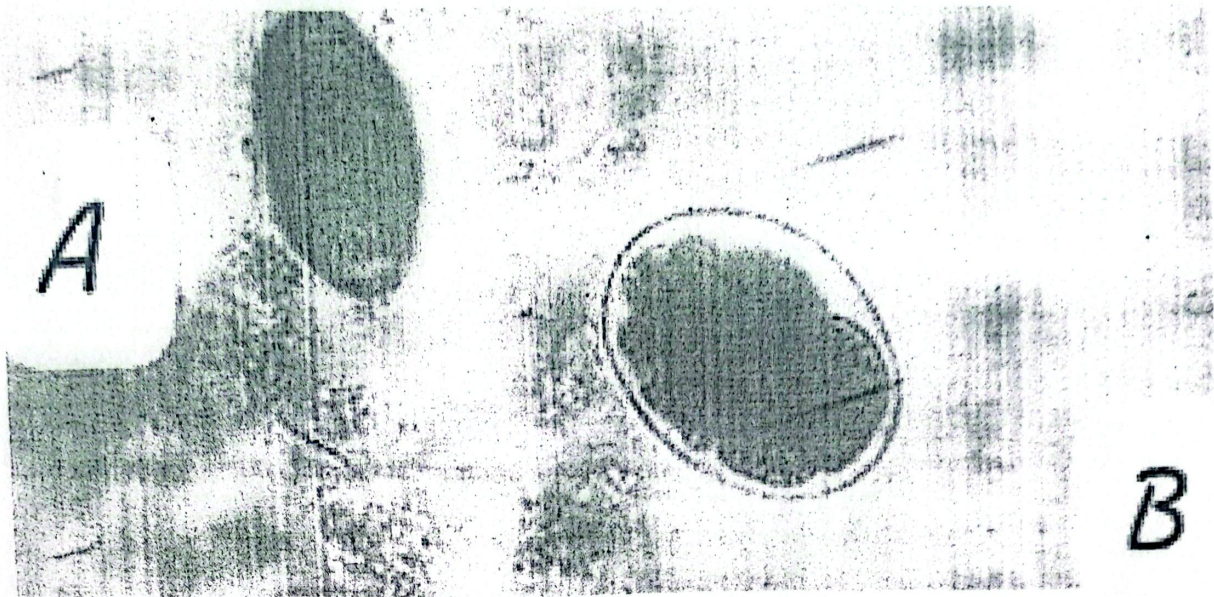


Fig. B

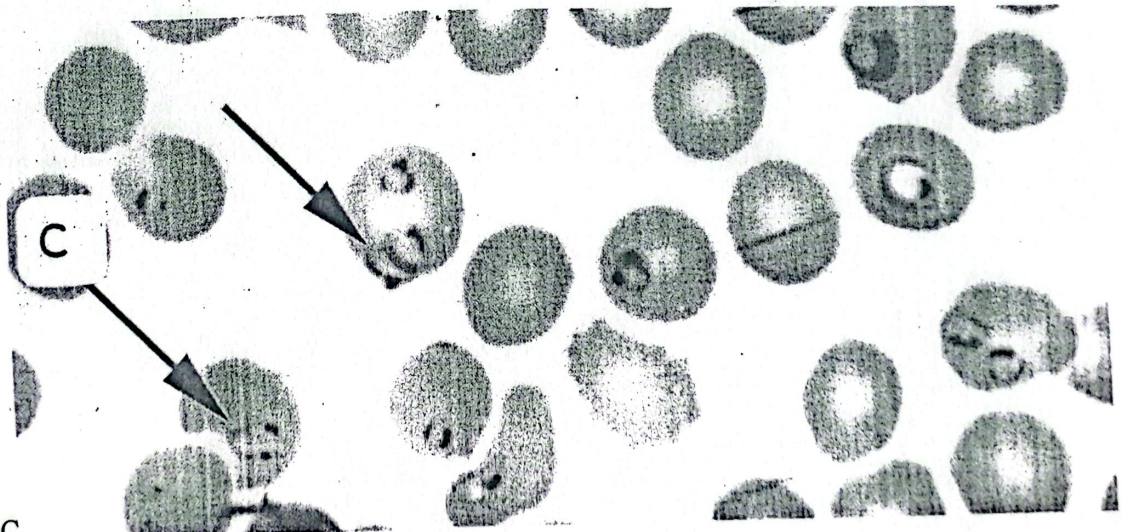


Fig. C

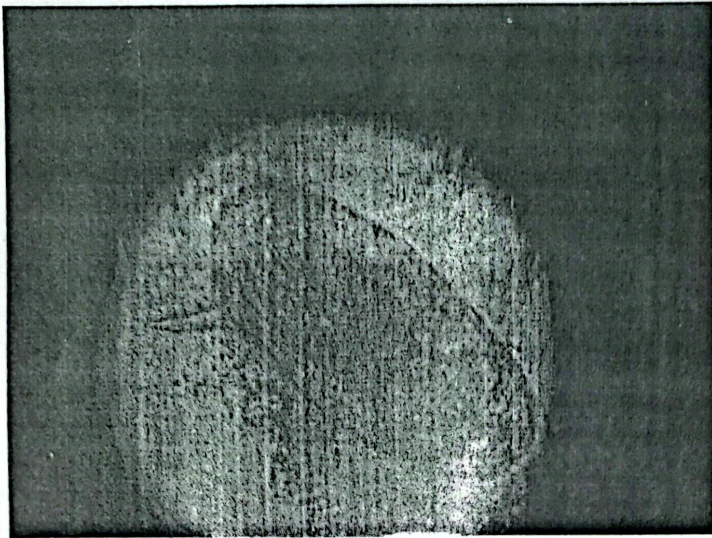
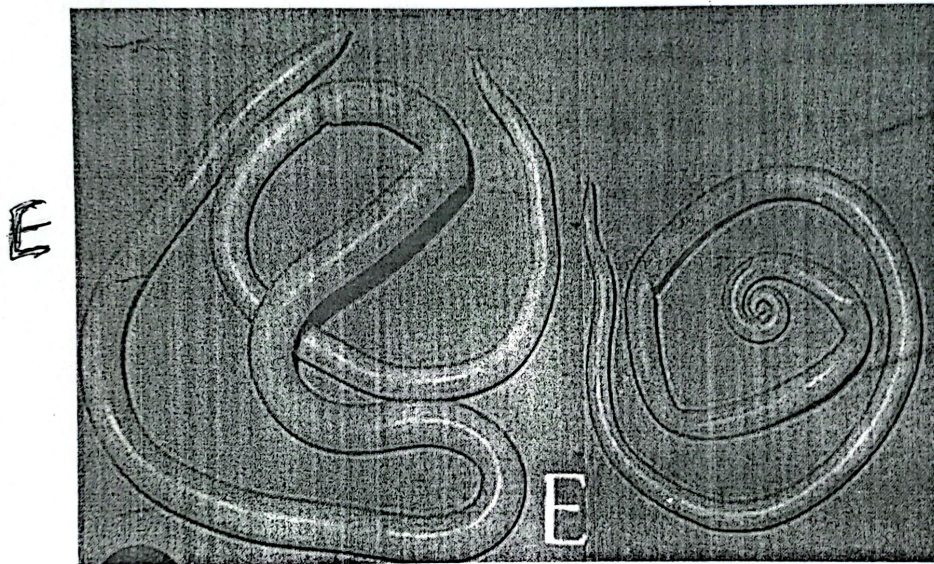


Fig. D



E



Fig. F

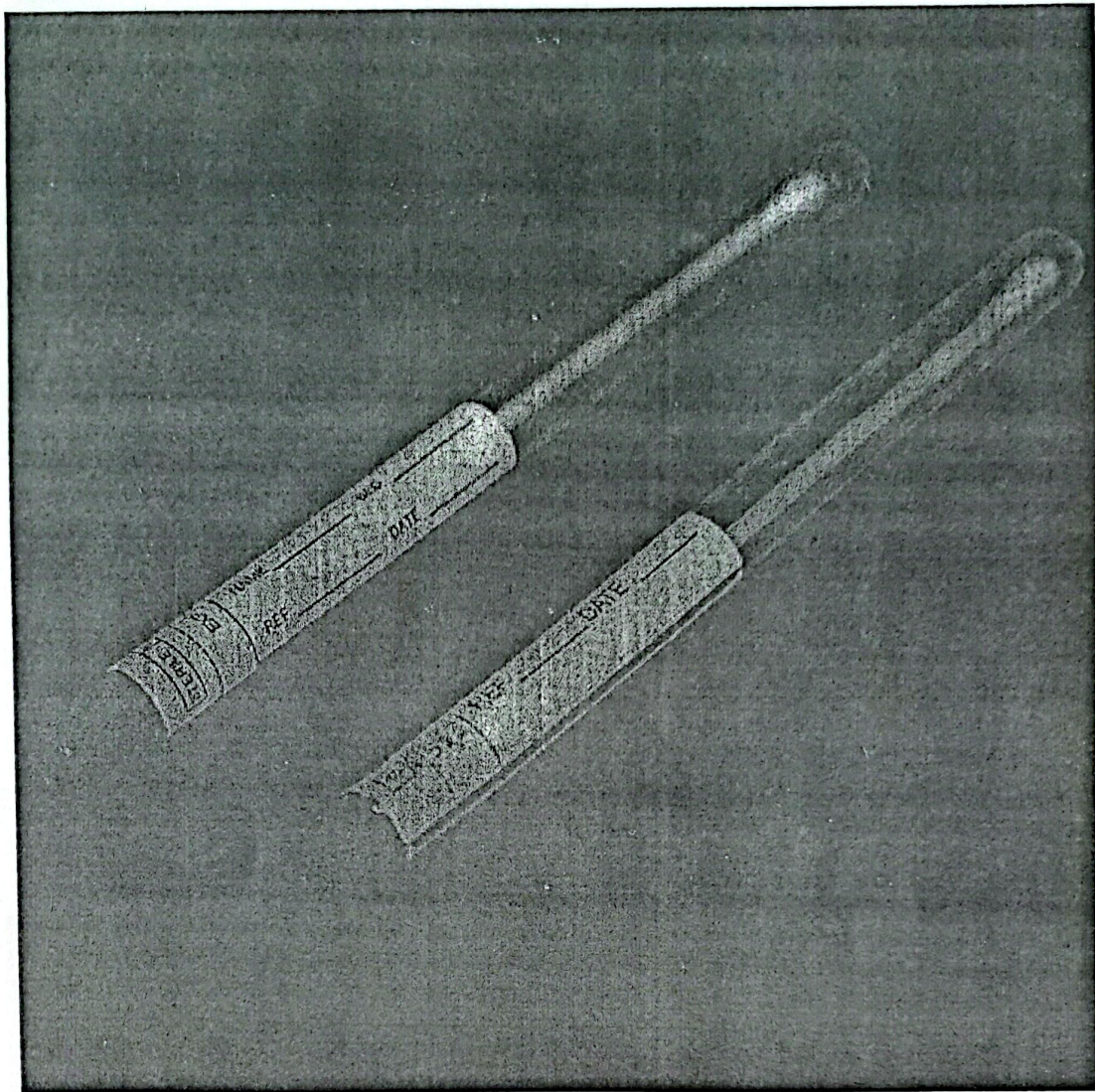


Fig. G

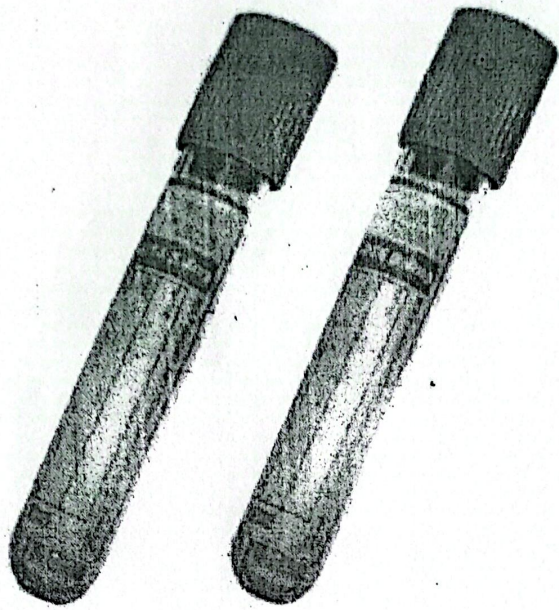


Fig. H

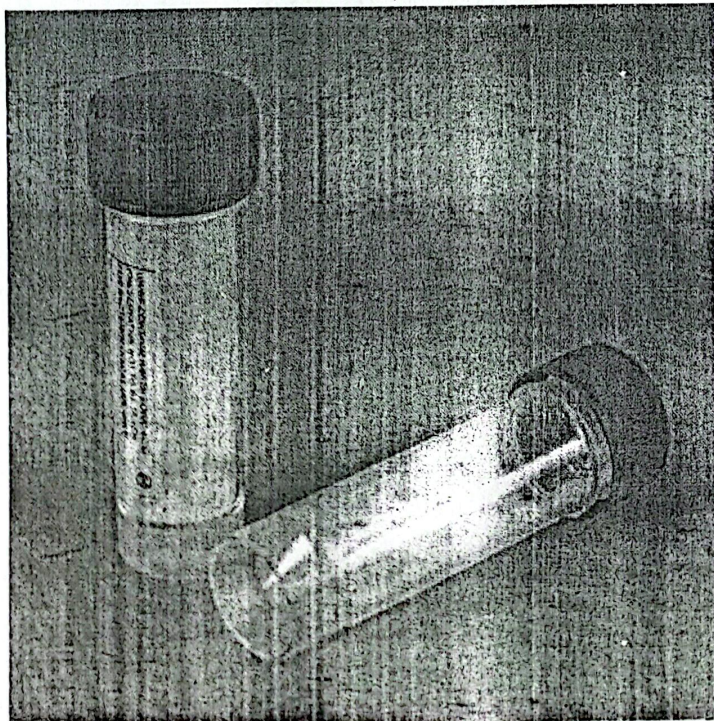


Fig. I

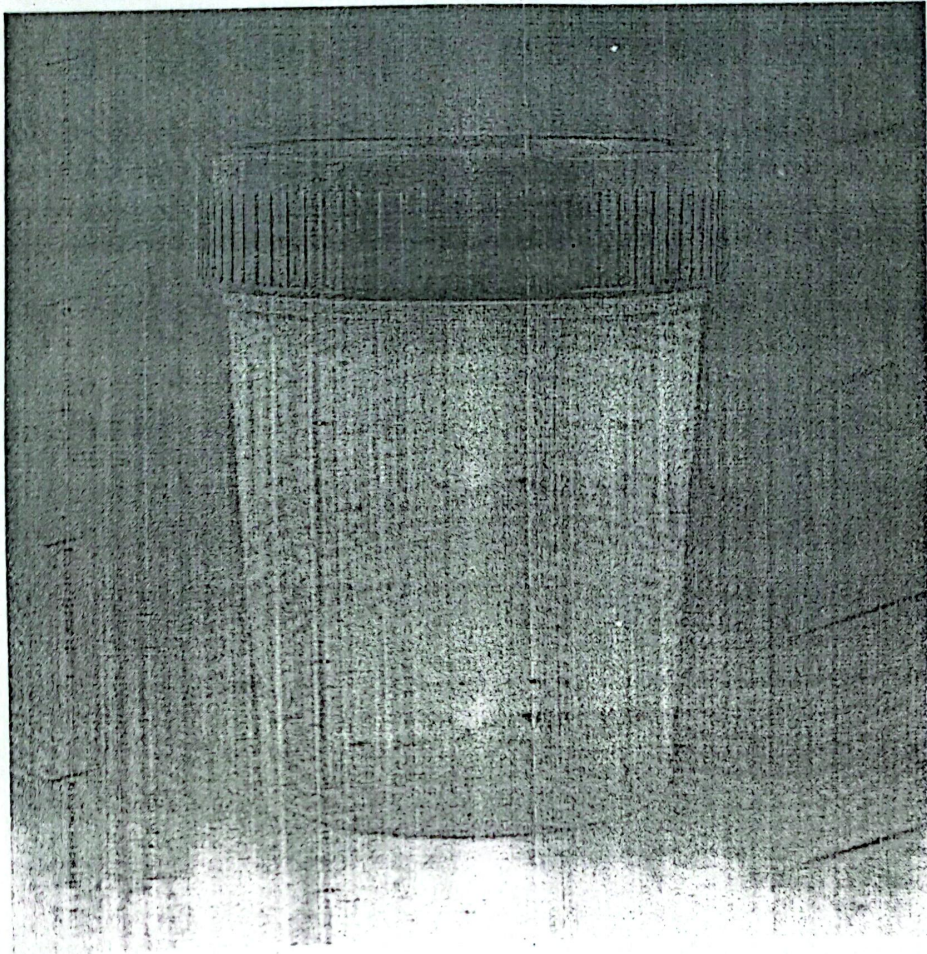


Fig. J