

**Item 1**  
A 75-year old woman has been falling sick and constantly hospitalized. Upon diagnosis, a nutritional therapist suspected that her health condition was mainly due to imbalances in her diet. She was asked to come along with the food mixture that she regularly feeds on, identified as **R** to the therapist for further investigation.

You have been provided with food mixture R. As a nutritional therapist, carry out investigations on the food mixture R and advise the 75-year old woman accordingly.

1. The first part of the document is a title page. It contains the title of the document, the author's name, and the date of the document.

2. The second part of the document is the introduction. It provides a brief overview of the document's content and the purpose of the document.

3. The third part of the document is the main body. It contains the main content of the document, which is organized into sections and subsections.

4. The fourth part of the document is the conclusion. It summarizes the main findings of the document and provides a final statement.

5. The fifth part of the document is the bibliography. It lists the sources of information used in the document.

6. The sixth part of the document is the appendix. It contains additional information that is related to the main content of the document.

7. The seventh part of the document is the index. It provides a list of the document's contents and their corresponding page numbers.

8. The eighth part of the document is the glossary. It defines the terms used in the document.

9. The ninth part of the document is the list of figures. It provides a list of the figures included in the document.

10. The tenth part of the document is the list of tables. It provides a list of the tables included in the document.

**Item 2**  
Katanga is a slum which is faced with a problem of poor waste disposal. The poorly disposed waste attracts a number of living organisms some of which are vectors for deadly human diseases. Recently, there was a cholera outbreak whose spread was attributed to one of the common living organisms cited around the poorly disposed wastes. During a survey, the ministry of health collected specimens A, B, C and D which were sent to the department of entomology for analysis and advice.

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(a) With the help of a hand lens, analyse the specimens provided and classify them up to the least shared taxonomic level. Giving reasons for each level. Using observable features on the head region of the specimens, construct an appropriate key to identify each specimen.

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This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Draw and label the hind limb of the specimen responsible for the spread of cholera in Katanga.