

INSTRUCTION: Attempt ONE question from EACH Section

Time: 1hr 45mins

SECTION A

1. What do you understand by the following elements of a scientific paper?
 - a) The title
 - b) The abstract
 - c) Discussion
2. Describe how a sound scientific write-up can be achieved through the following.
 - a) Critical writing
 - b) Academic voice
 - c) Sourcing for relevant literature
 - d) Referencing

SECTION B

- 3a Highlight seven points to consider when writing the reports of conferences you have attended
- 3b. Using the highlighted guidelines in 3a, write a short report (maximum 350 words) on a conference which relates to your course that you attended last semester
- 4a. Write on (i) Exploratory questionnaires and (ii) Formal standardized questionnaires
 - b. Highlight five qualities of a good questionnaire
 - c. State two advantages of open-ended questions.
 - d. State three reasons why a respondent is unable to answer a question?

SECTION C

5. *Escherichia coli* were taken from five different sampling locations namely Oru, Ijebu-ode, Ago-Iwoye, Ijebu-Igbo and Epe. The number of isolates recovered from these sites are as follows Oru -23, Ijebu-Ode- 35, Ago-Iwoye-38, Ijebu Igbo- 42 and Epe-30. Expressing the data given in percentages, create a simple table and figure illustrating the isolation rate of *Escherichia coli* from the sampling points
 - b. List three main areas where materials for review can be sourced from
- 6a. Discuss five clear guidelines for designing an effective figure
 - b. Highlight four important factors to address when designing the contents of a poster