

HUDAIBYA EXAMINATION COMMITTEE (HEC)
FORM FOUR EXAMINATIONS APRIL-2023
SERIES 01/10 BIOLOGY 2A CODE:033/2A

TIME: 2: 00 Hours

INSTRUCTIONS:

- 1. This paper consists of sections total of Two (02) questions.*
- 2. Answer all questions*
- 3. Marks for each question thereof indicated.*
- 4. Cellular phones are not allowed in the examination room.*
- 5. Non- programmable calculation may be used.*
- 6. Write your Examination number on every page of your answer booklets.*
- 7. The following constants may be used*

1. You have been provided with specimen M and a piece of paper. Carry out an experiment as directed in procedure (i) – (iv) then answer the question that follows.Produces:

- I. Grind the seed of the given specimen M using a mortar and pestle to obtain a paste
- II. Use your land to take the ground paste from procedure (i) above and gently put it on the piece of paper provided.
- III. Remove the paste from the paper and leave it is dry
- IV. After the paper dies completely, observe the paper carefully to check if any change has occurred.

QUESTIONS:

- A) What was the aim of the experiment?
- B) What is your comment (s) on the observation?
- C) Briefly describe the procedure and observation of another experiment which can be used as an alternative of above experiment
- D) Outline four (4) roles of the food substance identified from specimen M in the above experiment
- E) Why the ford identified from procedures (i - iv) should be taken in a very low amount
- F) Suggest other four (4) natural foods which M can obtain the identified food.

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