

BIOLOGY

FORM ONE

NAME ADM NUMBERCLASS.....

1. Define biology (1mks)

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2. Explain the meaning of the following branches of biology. (4mks)

- a) Biochemistry.....
- b) Cytology
- c) Anatomy
- d) Ecology.....

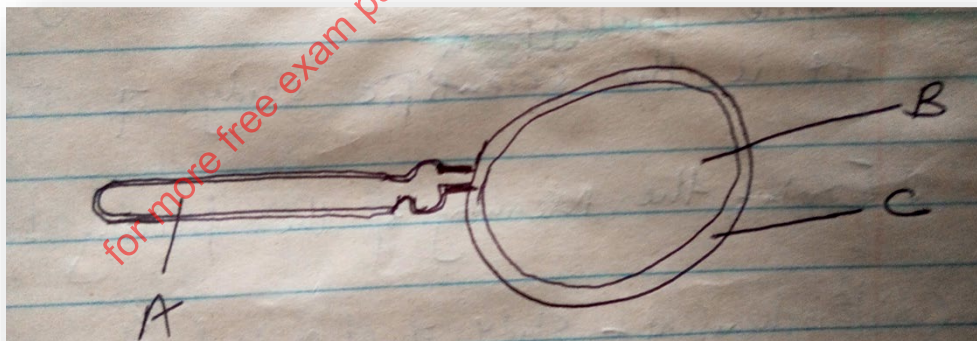
3. A student from Anestar Schools was conducting an experiment. He required different specimen state the apparatus he would use to :(3mks)

- a) Collect a stinging scorpion.....
- b) Trap rats
- c) Collect housefly

4. Differentiate between growth and development. (2mks)

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5. Below is an apparatus used in biological study? Study it and answer the questions that follow.



a) Name the part labeled (2mks)

- A-
- B-

b) State the functions of the apparatus (1mk)

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c) If the student found that it was written $\times 10$ on the part labeled c, what does $\times 10$ mean(1mk)

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6. State four scientific skills that a student studying biology would develop (4mks)

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7. Name three careers that one can pursue after learning biology. (3mks)

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8. A student drew a specimen 10cm long but its actual length was 5cm. he used a hand lens to enlarge the specimen. Calculate the magnification used. (3mks)

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9. Both plants and animals shows movement, compare movement in plants and animals.(2mks)

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10. A motor vehicle moves produces carbon (IV) oxide fumes and consumes fuel, state three characteristics of living things shown above. (3mks)

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11. The scientific name for maize plant is *Zea mays*. Which taxonomic group does the name mays refer to? (1mk)

