

443/2

NAME..... INDEX NO.....

SIGNATURE.....DATE.....

ASUMBI GIRLS HIGH SCHOOL
POST -MOCK 1
AUGUST/SEPTEMBER
2022

AUGUST / SEPTEMBER - 2022

AGRICULTURE

PAPER 2

2 HOURS

INSTRUCTIONS TO CANDIDATES

1. Write your name and ADM. Number in the spaces provided above.
2. Sign and write the date of examination in the spaces provide above.
3. This paper consist of three sections A, B and C.
4. Answer all the questions in section A and B.
5. Answer any two questions in section C.
6. All answers should be written in the spaces provided.
8. All answers must be written in English.
9. This paper consist of 10 printed pages.
10. Candidates must check to ascertain that all the pages are printed as indicated and that no question is missing.

FOR EXAMINER'S USE ONLY

SECTION	QUESTIONS	MAXIMUM SCORE	CANDIDATE SCORE
A	1-16	30	
B	17 -20	20	

C		40	
TOTAL SCORE		90	

SECTION A 30 MARKS

ANSWER ALL THE QUESTIONS IN THIS SECTION IN THE SPACES PROVIDED

1. Name **four** beef breeds of cattle. (2 marks)

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2. Name the most appropriate tools used in the following operations(1½marks)

a) Removing metal chipping in files

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b) Cutting wood along the grains

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c) Branding

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3. Give **four** practices carried out on fish before preservation. (2 marks)

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4. Outline **four** reasons for steaming up a gestating a cow. (2 marks)

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5. List **four** factors considered when selecting eggs for marketing. (2 marks)

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6. State **three** qualities of a good livestock ration. (1½marks)

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7. State **four** advantages of carrying out raddling in sheep management. (2 marks)

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8.State **four** disadvantages of using a spray race in the farm. (2 marks)

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9.List **four** causes of sterility in dairy cows. (2 marks)

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10.List **four** effects of ticks on livestock bodies. (2marks)

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11.State **four** factors that influence selection of construction materials. (2 marks)

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12. Name **three** farm implements operated by the tractor's P.T.O shaft. (1½marks)

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13. State **four** reasons for debeaking in poultry production. (2 marks)

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14. Name **three** breeding diseases controlled through the use of artificial insemination. (1½marks)

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15. Give **four** characteristics of a good vaccine. (2 marks)

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16.State **four** advantages of Kenya top bar hive in bee keeping. (2 marks)

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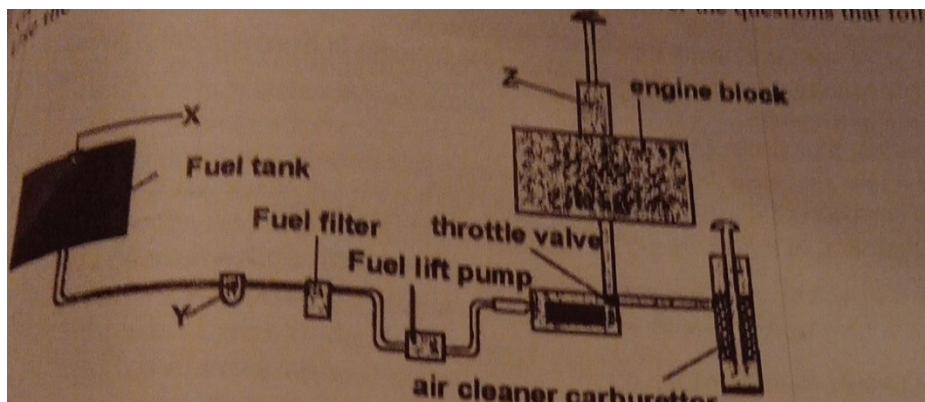
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SECTION B 20 MARKS

ANSWER ALL THE QUESTIONS IN THIS SECTION IN THE SPACES PROVIDED

17.The diagram illustrated below shows a petrol engine fuel system. Study it carefully and answer the questions that follow.



a) Name the parts labelled X, Y and Z. (3 marks)

X.....

Y.....

Z.....

b) State the maintenance practice of the following parts;(2 marks)

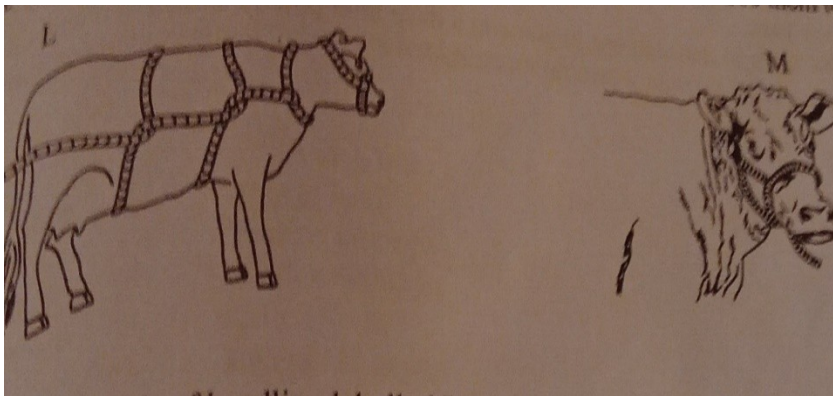
i) Fuel tank cap

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ii)The carburetor

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18.The diagram below shows two methods of handling livestock in the farm. Study them and answer the questions that follow.



a) Identify the methods of handling livestock labelled L and M. (1 marks)

L.....

M.....

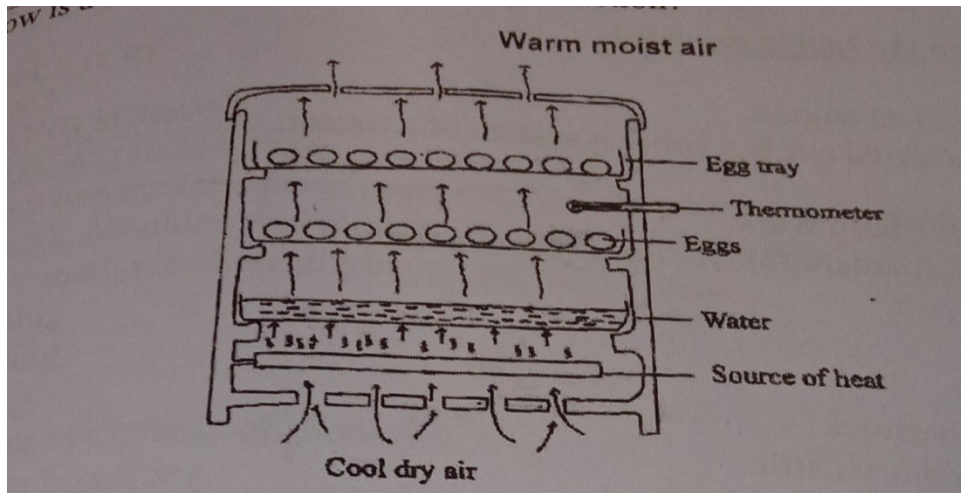
b) Give **two** occasions when it may be necessary to carry out the practice labelled L above. (2 marks)

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c) Give **two** animal conditions under which method L above cannot be used. (2 marks)

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19. Below is structure used in poultry production. Use it to answer the questions that follow.



a) Identify the structure illustrated above. (1 mark)

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b) State the main function of the structure illustrated above. (1 mark)

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c) Give the main function of the following in the structure (3 marks)

i) Water

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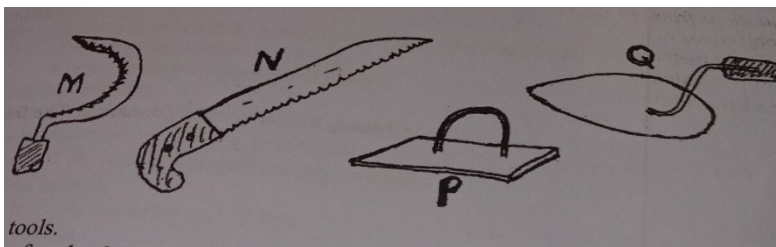
ii) Source of heat

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iii) Thermometer

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20. The diagrams illustrated below shows tools used in the farm. Study the carefully and answer the questions that follow.



a) Identify the tools labelled P and Q. (2 marks)

P.....

Q.....

b) State the use of the tools labelled M and N. (2 marks)

M.....

N.....

c) Give **two** ways in which the tools illustrated above depreciate in value. (1 mark)

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SECTION C 40 MARKS

ANSWER ONLY TWO QUESTIONS IN THIS SECTION IN THE SPACES PROVIDE AFTER THE QUESTIONS

21.a) Explain **ten** advantages of battery cage system in poultry rearing. (10 marks)

b) Outline the procedure of training a calf for bucket feeding. (5 marks)

c) Outline **five** signs of tapeworm infestation. (5marks)

22.a) Explain the functional differences between a disc plough and a mould board plough. (8 marks)

b) Explain **eight** factors considered when siting farm structures. (8 marks)

c) Outline **four** ways in which infectious diseases can spread in livestock production. (4 marks)

23.a) Describe foot rot under the following sub-heading;

i) Animals affected (1 mark)

ii) causal organism (1mark)

iii) Symptoms of attack (4marks)

iv) Control measures (4marks)

b) Describe the function of various parts of a plunge dip.(10 marks)

