FARM TOOLS AND EQUIPMENTS

KCSE QUICK REVISION

Compilation of Possible Questions in Agriculture Likely to be Examined in KCSE.

A Special Analysis of Prediction Questions that may be Tested in KCSE from this Topic in Form 1.

AGRICULTURE

SERIES 1

For Marking Schemes

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FARM TOOLS AND EQUIPMENTS

- ✓ **There are five categories of farm tools and equipment namely:**
- ✓ **Garden tools and equipment e.g. pangas, jembe, pick axe, spade e.t.c.**
- ✓ **Workshop tools and equipment e.g. saws, hammers, planes, chisels e.t.c**
- ✓ **Livestock production tools and equipment e.g. milking stool, strip cup, milk churn etc.**
- ✓ **Masonry tools and equipment e.g. wood float, spirit level, plumb bob e.t.c**
- ✓ **Plumbing tools e.g. pipe wrench spanner, stock and die e.t.c**
- ✓ **It is very important to identify the farm tools and equipment, give the correct users and maintenance practices.**

The following relevant questions and their answers in this topic will greatly help and motivate the user to comprehend and understand the require concepts and practices:

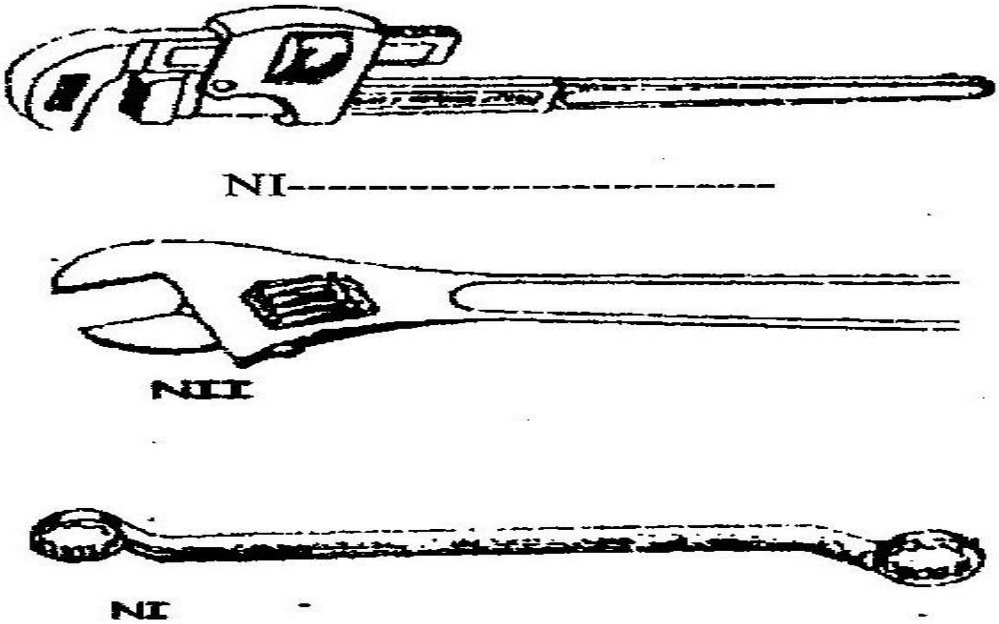
KCSE POSSIBLE QUESTIONS

1. Give one use of each of the following hammers;

i) Ball pen hammer **ii)** Sledge hammer

State two maintenance practices that should be carried out on a wheelbarrow.

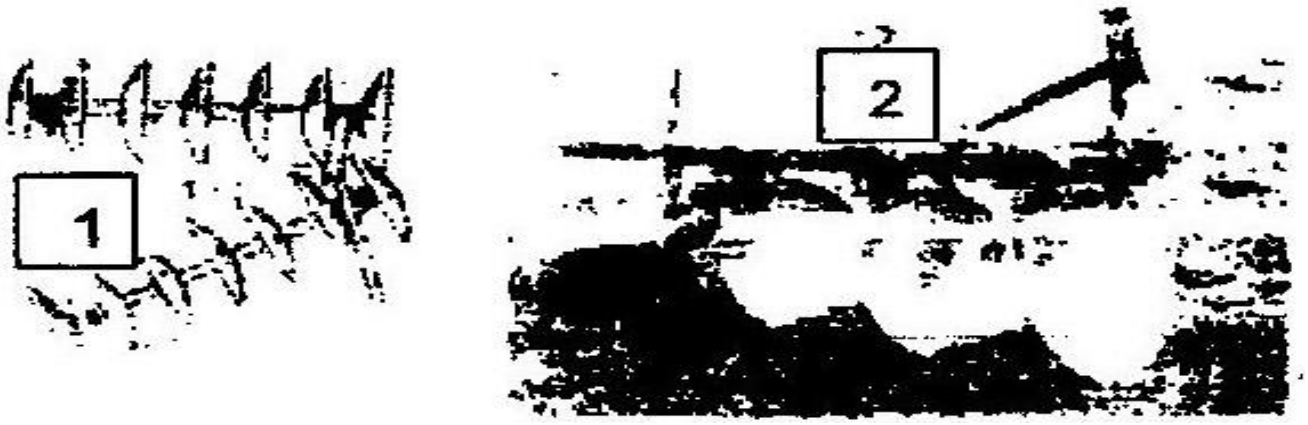
2. The diagram labeled N I, N II, N III below represent some tolls used in farms.



i) What functional advantage does the tool labeled N II have over the tool labeled NIII?

ii) What is the function of tool labeled NI iii) Give the maintenance practice of NI

3. Study the photographs below carefully and answer the questions that follows:



a) i) Identify 1----------

2 ----------

ii) Give the land preparation stage when 2 is used

b) i) Which of the tools is suited for a field with roots, trash and other obstacles?

ii) Give a reason for your answer in b(i)

4. State one use of each of the following tools;

(i) Spoke shave (ii) Plumb bob

5. Name two tools used for cutting galvanized iron pipes.

6. State four maintenance requirements of a jack plane.

7. List four tools used for laying concrete blocks when constructing a wall.

8. a) What is the difference between a tenon saw and a crosscut saw?

b) What safety measure should be taken when using a crosscut saw?

c) Give three maintenance practices that should be carried out on crosscut saws.

9. Give the factor, that are considered when selecting a garden tool for primary cultivation.

10: (a) State one use of each of the following tools,

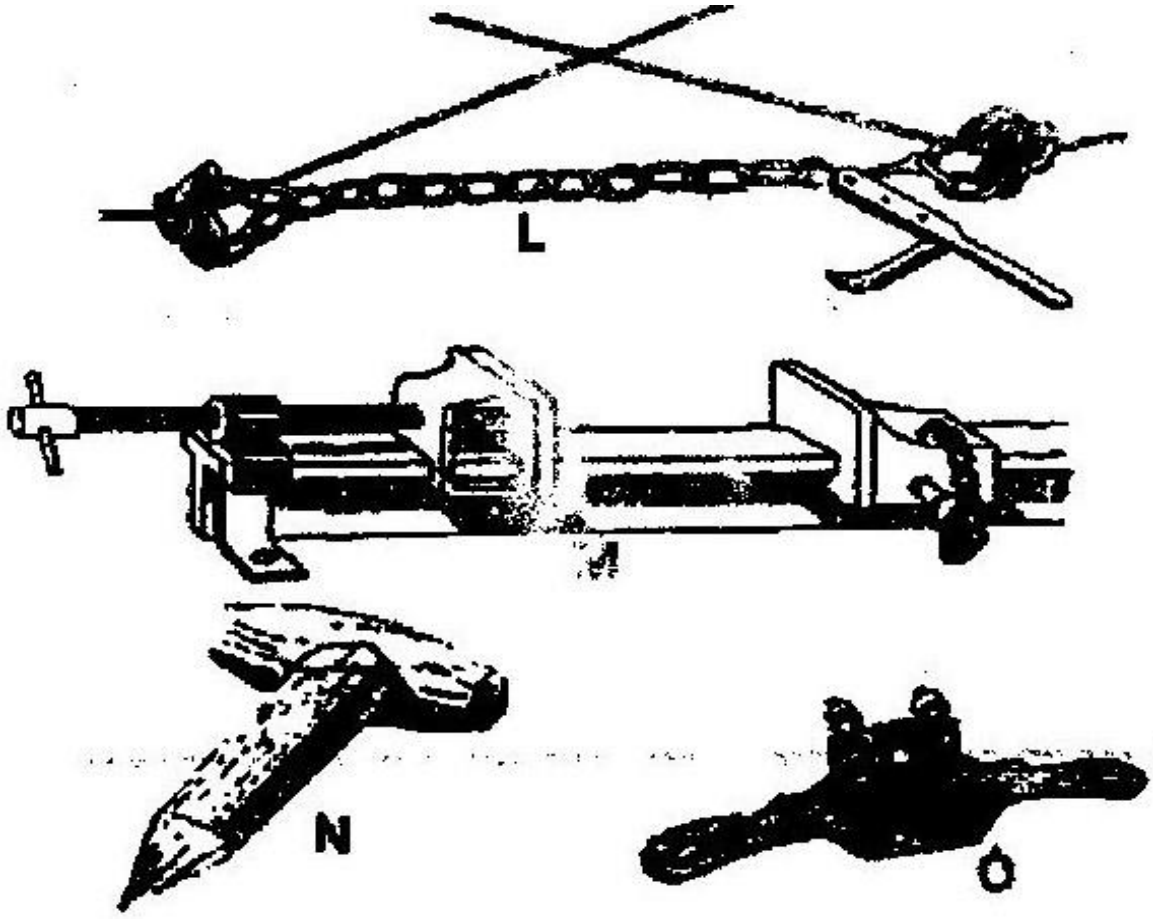
(i) sickle

ii) Secateurs.

b) Give two reasons for proper maintenance of farm implements.

c) State three factors that should be considered when selecting gardener tools for primary cultivation.

12. L, M, N and O are diagrams of farm tools. Study them and answer the questions that follow.



i) Identify the farm tools; L, AA>N and O. (ii) State the use of each tool L, AA, N and O.

13. List the tool used for each of the following

i) Tightening barbed wires during fencing,

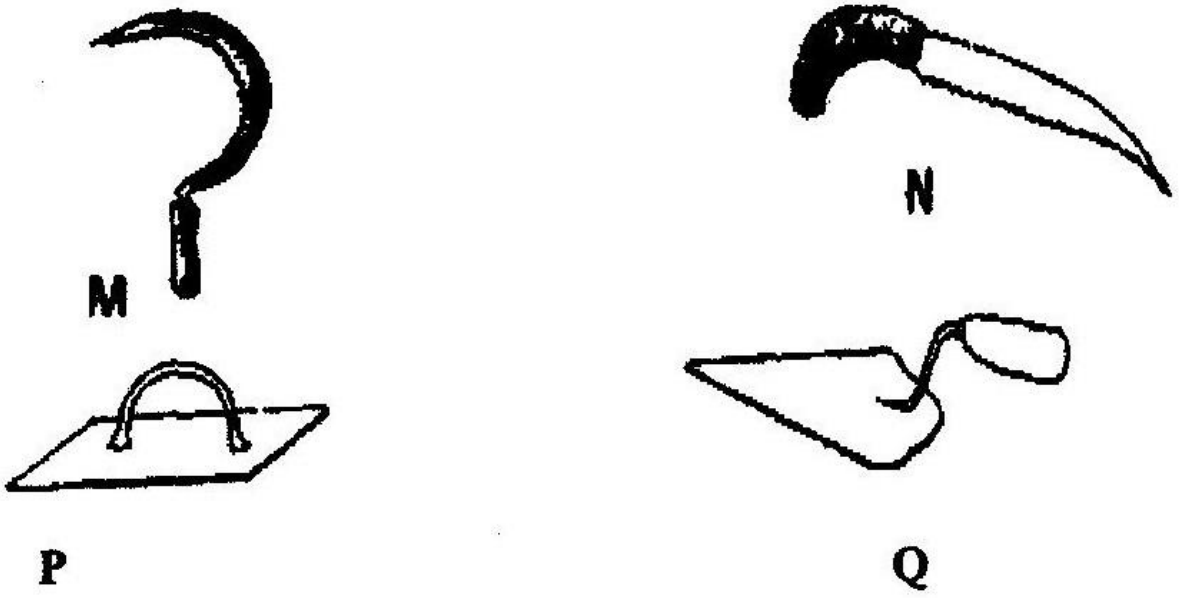
ii) Smoothening concrete flours during plastering.

iii) Administration of liquid medicine to livestock through the mouth.

iv) Processing butter----------

14. List five tools used when constructing a wooden fence.

15. a) Diagrams M, N, P and Q represents some farm tools.

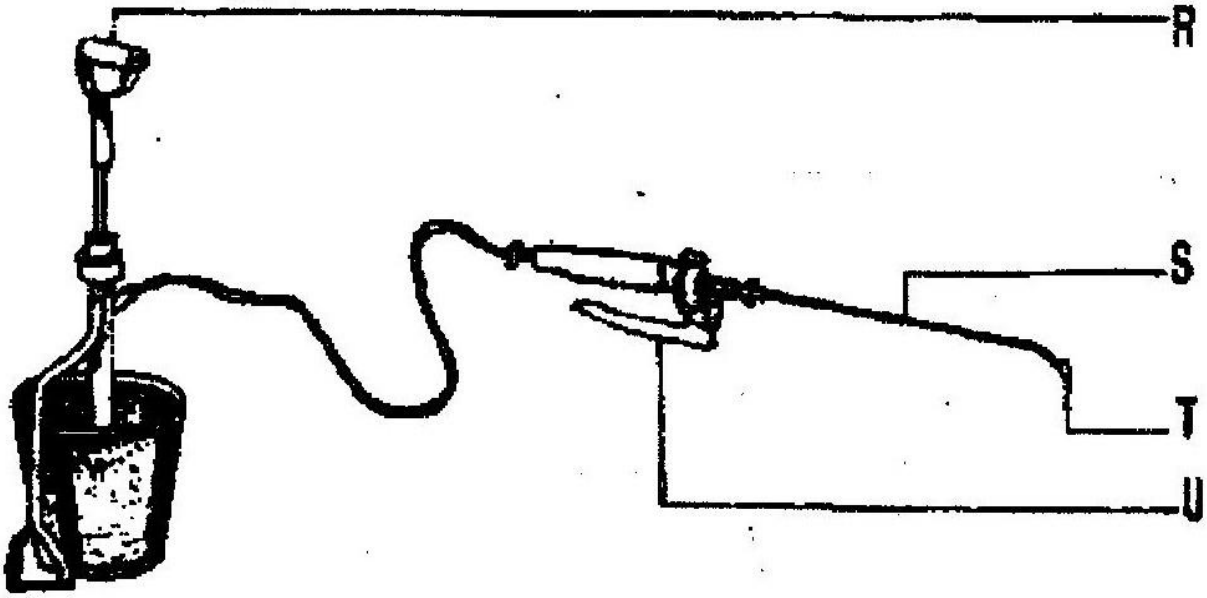


i) Identify the tools; M,N,P and Q.

ii) Give the use of each of the tools named above.

iii) State two maintenance practices that should be carried out on tool M.

(b) The diagram below shows a farm equipment. Study it and answer the questions that follow.



i) Identify the equipment.

ii) Name the parts labeled R, S, T and U.

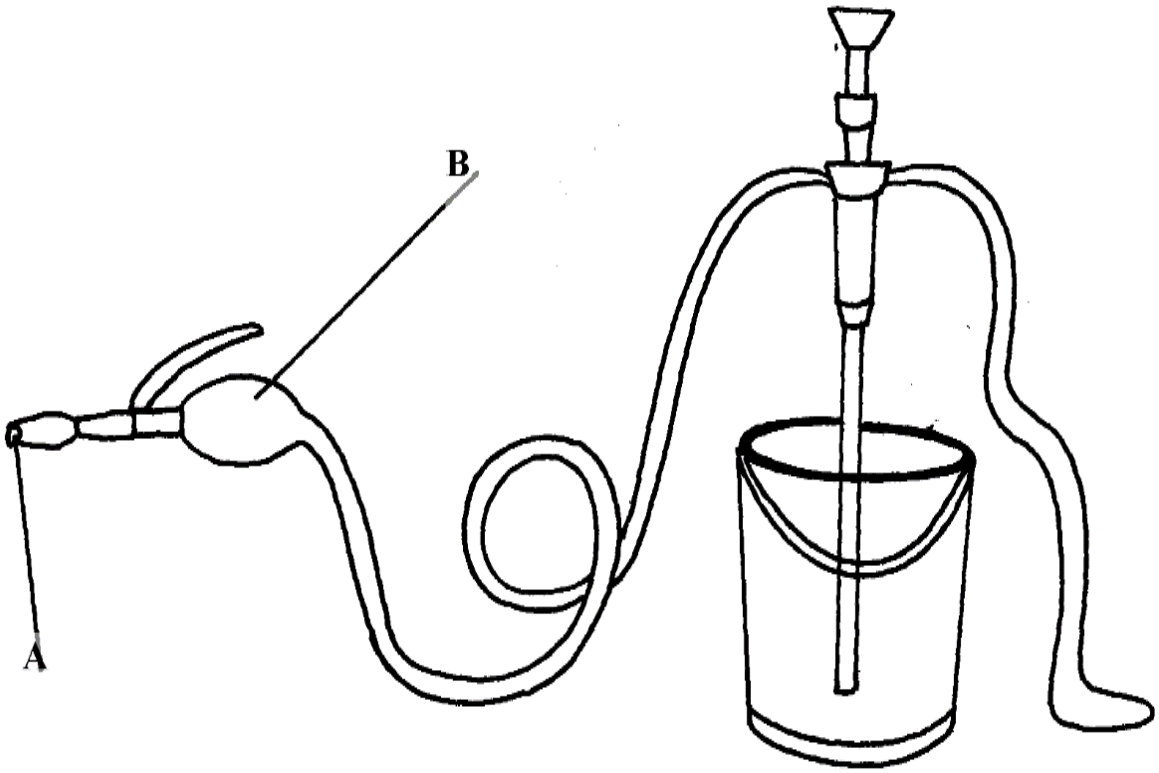
16. List **four** maintenance practice carried out on a cross-cut saw

17. Identify the following tools and state their functions



Identify A, B, C, D

18. Study the illustration below and answer the questions that follow.



i) Identify the equipment represented by the illustration

ii) What is the use of the equipment?

iii) Name the parts labeled **A** and **B**

iv) What is the function of the part labeled **A** and **B**

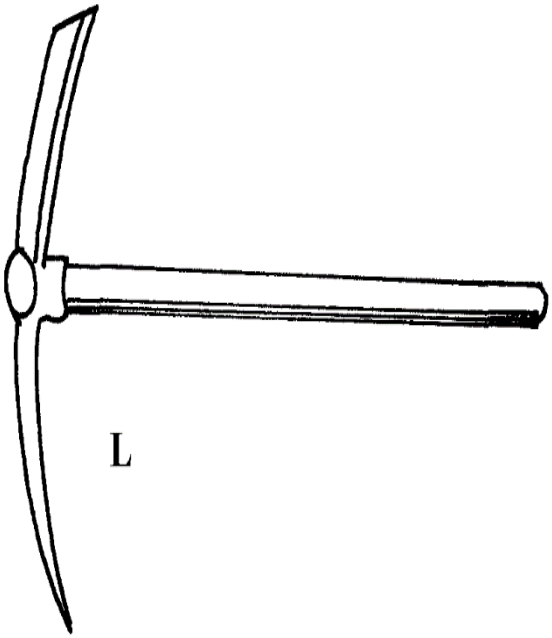
19. What is the use of a garden fork?

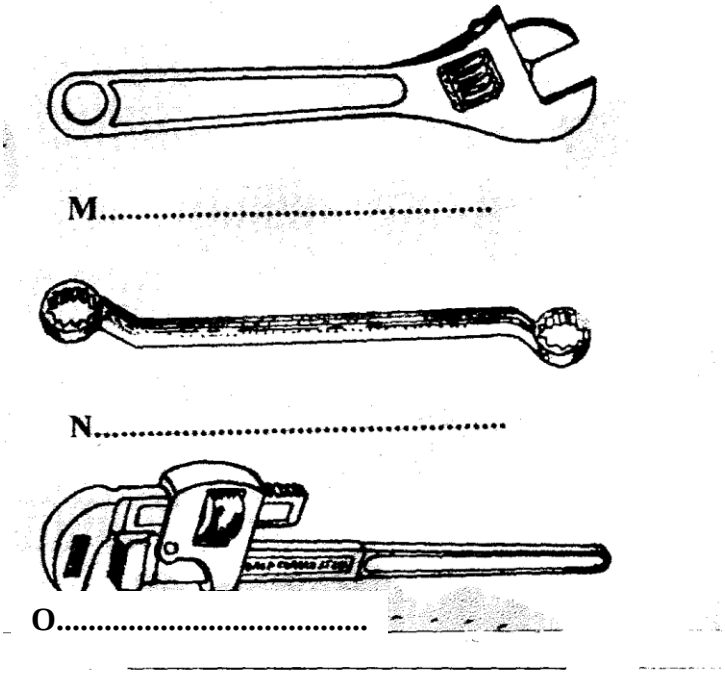
20. Name the tool that a builder would use to check the vertical straightness of a wall during construction

21. Name the farm tool that can be used when removing nails from timber

22. Give **two** examples of equipment that a livestock farmer can use in administering oral anti helminthes

23. Below are farm tools, study them and answer the questions that follow:-





(a) Identify the tools L, M, N, O

(b) **Give one** functional advantage of tool **M** over tool **N**

24. Name a tool used to perform the following functions on the farm;

(i) Drilling of small holes on metal

(ii) Bore holes on wood

25. State the common faults in the operation of Knapsack spray

26. (a) Name the **three** tools in castration of livestock

27. Name the most appropriate set of animal handling tools that a farmer uses for the following operations:-

(i) Restraining a large bull when taking it around the show ring

(ii) Cutting tail in sheep

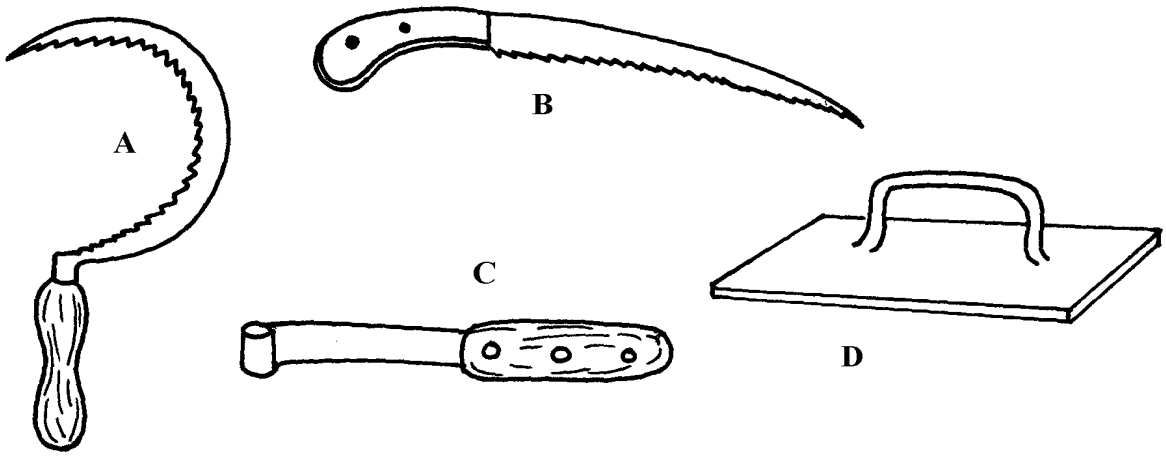
28. a) Given below is an illustration of one of the routine management practices in livestock Production.

Study the diagram and answer the following questions



i) Name the practice indicated in the diagram above
ii) Describe the procedure you would follow when carrying out the practice named in **(i)** above in piglets

29. Study the diagram below and answer the questions that follow;



i) Identify the tools
ii) Give the use of each of the tools named above
iii) State **two** maintenance practices that should be carried out on tool **D**

30. List **two** equipments used in handling cattle during an Agricultural exhibition

31. Mention the use of the following tools.

i) Dibber

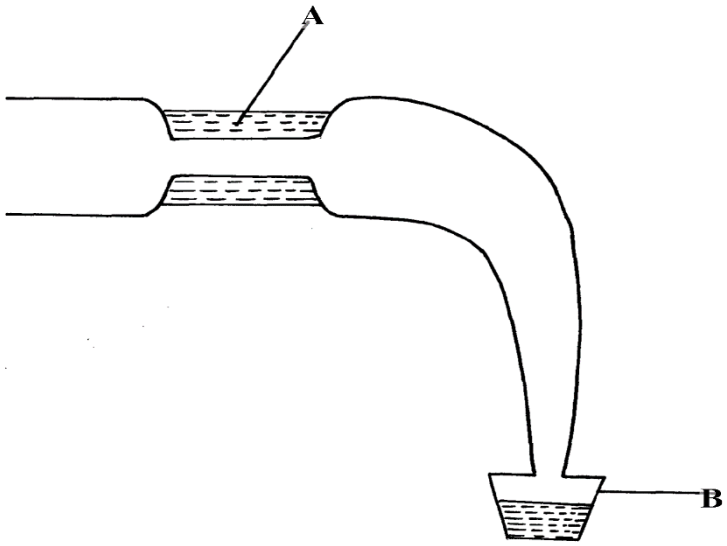
ii) Spokeshaves

iii) Tinsnips

iv) Burdizzo

32. List **four** precautions that should be taken when using workshop tools and equipment.

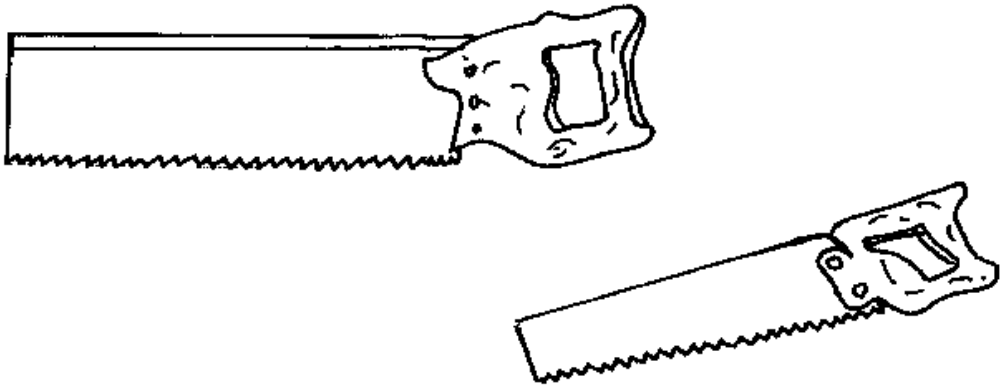
33. Use the diagram below to answer questions which follow



i) Identify the above diagram

ii) Name the parts labelled **A** and **B**

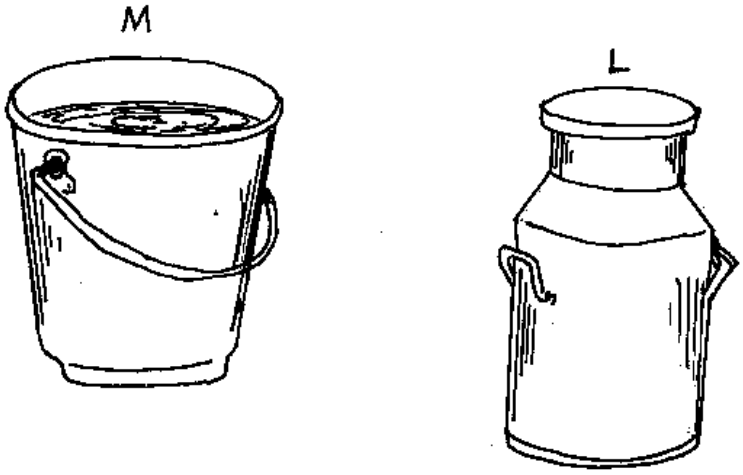
34. The diagrams below are of farm tools and equipment. Study them and answer the questions that follow



i) Identify the tools 1 mk

ii) Give one functional difference between the tools above. 1 mk

35. The diagram below show farm equipment. Use them to answer the questions that follow.

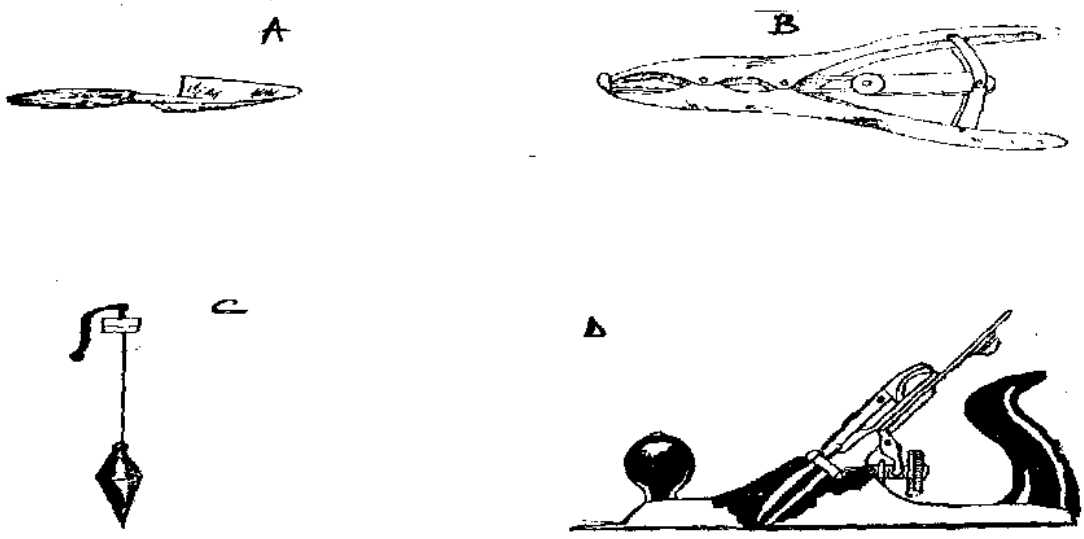


a) Identify the equipments M and L. (1mk)

b) State the functional difference between M and L. (2mks)

c) State TWO common maintenance practices carried out on both M and L. (2mks)

36. Study the diagrams below and answer the questions that follow.



(a) **Identify** the tools. A-B-C-D (2mks)

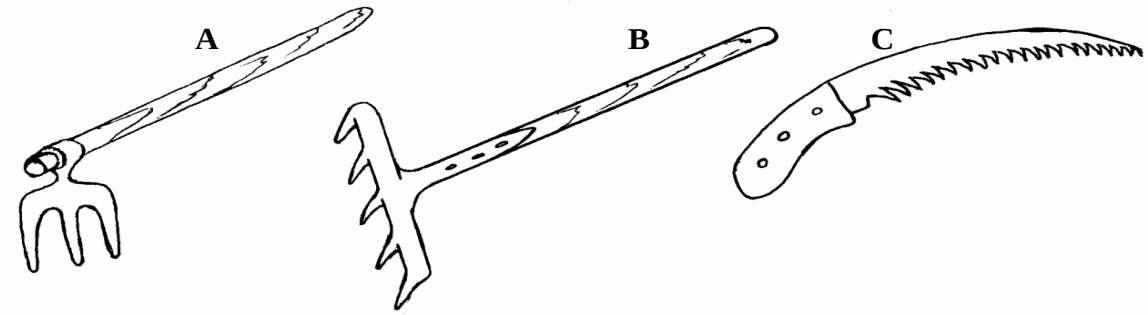
(b) **State** the correct use of each of the tools above. (2mks)

(c) Give two maintenance practices carried out on tool **D** for efficient use. (1mk)

37. (a) **Name four** types of tools used in smoothing wood. (2mks)

(b) **Give three** reasons why farm tools and equipment should be well maintained. ($1^1/_2$mk)

38.Study the diagrams of garden tools shown below and answer the question that follo



(i) **State two** field conditions under which tool **A** would be more suitable for use in crop

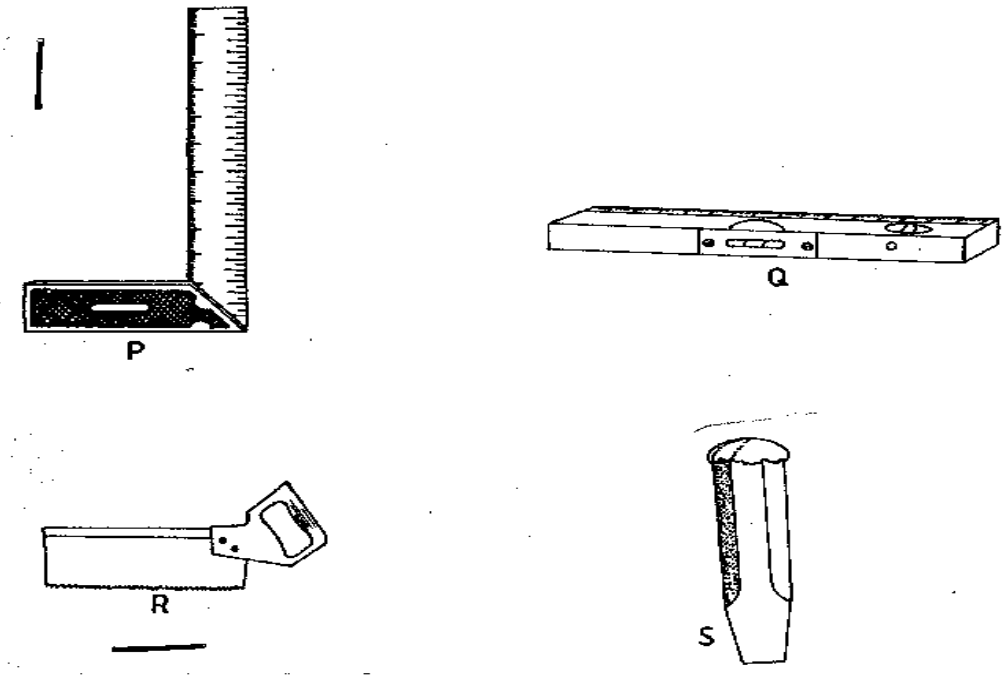
Production (2mks)

(ii) **Give** the function of the tool labelled **C**. (1mk)

(iii) **State two** maintenance practices of the tool labelled **B**.

(2mks)

39. Study the diagrams below labeled P,Q,R and S representing some workshop tools and then answer the questions that follow.



a) identify the tools ***2mks***

Tool	**Name**
P	**……**
Q	**……**
R	**……**
S	**……**

b) Give one use of tools P and R in the construction of a wooden feed trough.1mk

P ……..

R……..

c) How would the tool labelled Q be used in the construction of a calf pen? ½ mk

d) Give two maintenance practices carried out on tool S. **1mk**

THE END

FOR MARKING SCHEMES/ANSWERS

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