

SAMBANYENJE PRIMARY SCHOOL EXAMINATION BOARD

2022 STANDARD 7 END OF TERM ONE

PRIMARY SCINCE (100 Marks)



Date:

Time: 08:00 – 10:00(2hrs)

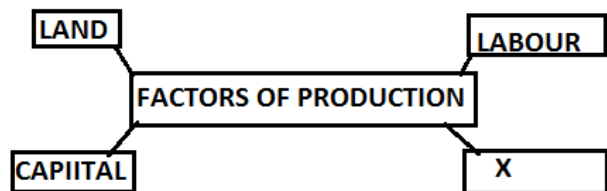
SECTION A (40 MARKS)

Agriculture

- Which of the following involves placing the produce in appropriate container?
A. Selling C. Grading
B. Packaging D. Storage
- The following is one the characteristics of compact structure EXCEPT
A. It has very small spaces
B. It is difficult to break
C. It loses water quickly
D. It holds high amount of water
- _____ involves placing dry grass, leaves or any other plant materials around the plant.
A. Mulching C. Labor
B. Conservation D. Texture
- Which one of the following is the agricultural activities which can cause water pollution.
A. Ground cover

- Boiling
- Construction of pit latrines close to water bodies
- Death of live stocks.
- Why should land preparation be done early?
A. To control erosion
B. To improve soil structure
C. To allow matter to decay
D. To ensure early harvesting

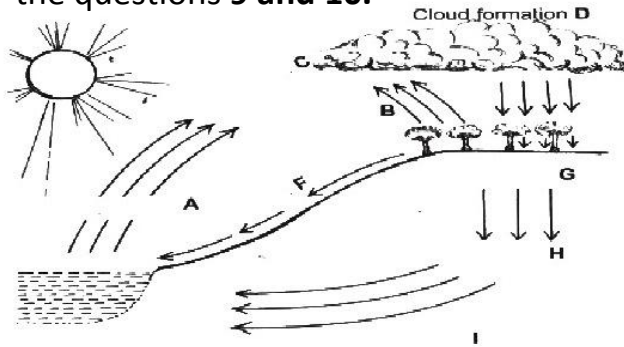
Figure 1. Use it to answer question 6



- What name is given to the factor of production labeled X?
A. Farm records C. Production
B. Management D. Khola

7. Which of the following is not the way of keeping water safe?
 A. Urinating C. Filtering
 B. Boiling D. Protecting wells
8. Which of the following is the raw material of a book?
 A. A cow hide C. A tree
 B. Sugarcane D. A dress

Study the figure below and answer the questions **9 and 10**.



9. Name the process marked "B"
 A. Evaporation C. Run-off
 B. Infiltration D. Transpiration
10. Which of the following letters represents percolation?
 A. I C. F
 B. G D. H

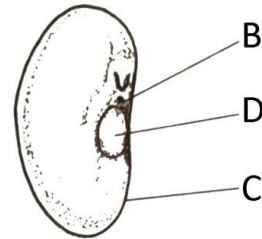
Science & Technology

11. How do you understand by the term "fertilization?"
 A. The union of male and female
 B. The relationship between a man and a woman

- C. The union of the sperm cell and egg cell
 D. The development of the offspring

12. The following is one of the stages of scientific investigation
 A. Data C. Implementation
 B. Procedure D. Analyse

Study the following figure and answer questions **13 and 14**.



13. Name the part labeled **D**
 A. Micropyle C. Plumule
 B. Hilum D. Testa
14. What is the function of part labeled **B**
 A. For attachment of the pod.
 B. Develops into root system.
 C. Prevents the inner part of the seed from being damaged.
 D. Allows water and air to enter the seed.
15. The following are the function of cerebrum Except
 A. It is responsible for thinking
 B. Controlling balance

- C. Movement of muscles
 - D. Control of senses
16. What name is given to the predicted answer to a problem when carrying out the scientific investigation?
- A. Variable C. Hypothesis
 - B. Planning D. Data analysis
17. The transfer of pollen grains from anthers to stigma is called
- A. Fertilization C. Pollination
 - B. Investigation D. Flowering

The following is an example of a toy.
Use it to answer **questions 18 and 19.**



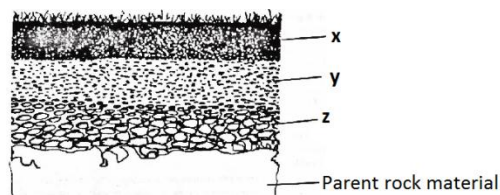
18. What name is given to a toy above?
- A. A cycling toy
 - B. A squeezey acrobatic toy
 - C. A balancing toy monkey
 - D. A doll
19. What two materials can be used to make the toy above?
- A. Wood and wire
 - B. Cartons and rubber
 - C. Maize pith and clay
 - D. Plastic and wire
20. The following fruits and seeds can be dispersed by wind
Except
- A. Mchewere C. Dandelion
 - B. Black Jack D. cotton seed

SECTION B (60 MARKS)

Agriculture (30 marks)

- 21.(a). Mention any two farm animals kept in Malawi.
- i. _____
 - ii. _____ (2marks)
- (b). Give any two importance of farm animals
- i. _____
 - ii. _____ (2marks)

Below is a diagram of soil profile. Use it to answer **question 22.**



NAME OF A CANDIDATE: _____

22. (a). Name the parts labeled X, Y and Z

X. _____

Y. _____

Z. _____ (3marks)

(b). Which soil layer has most living organism?

_____ (1mark)

(c). Give two ways of improving soil layer marked X

i. _____

ii. _____ (2marks)

23.(a). explain any two factors of production

i. _____

ii. _____

_____ (4marks)

(b). State any two characteristics of land

i. _____

ii. _____ (2marks)

Below is the figure showing a type of soil structure. Use it to answer question 24.



24.(a). Identify the type of soil structure above.

_____ (1mark)

(b). state any two characteristics of the soil structure above

i. _____

ii. _____ (4marks)

25.(a). Define soil texture

_____ (2marks)

NAME OF A CANDIDATE: _____

(b). mention any two classes of soil texture

- i. _____
- ii. _____ (2marks)

(c). give any one crop on each of the classes of soil texture mentioned above

- i. _____
- ii. _____ (2marks)

26.(a). what are the marketing functions?

_____ (1mark)

(b). Explain any one marketing function

_____ (2marks)

Science & Technology (30 marks)

27.(a). List any three drugs and substances that affect brain

- i. _____
- ii. _____
- iii. _____ (3marks)

(b). state any two ways of caring for the brain

- i. _____
- ii. _____ (4marks)

28.(a). What is the difference between flowering and non-flowering plants?

_____ (4marks)

(b). Classify the following plants into flowering and non-flowering plants;
Algae, Maize plant, Ferns and tomatoes

Flowering plants	Non-flowering plants

(4marks)

29.(a). What is scientific investigation?

NAME OF A CANDIDATE: _____

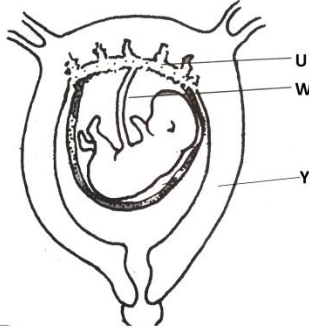
_____ (2marks)

(b). Mention two ways of presenting data

i. _____

ii. _____ (2marks)

Below is a diagram showing a foetus. Use it to answer questions that follow.



30.(a). Name the part labeled W and Y

W. _____

Y. _____ (2marks)

(b). Mention two substances that pass through part labeled U

i. _____

ii. _____ (2marks)

(c). State any two misconceptions about pregnancy

i. _____

ii. _____

_____ (4marks)

(d). List down the three conditions necessary for seed germination.

i. _____

ii. _____

iii. _____ (3marks)

END OF QUESTION PAPER