

Name : Number:.....

THE CHIDIDI ZONAL EXAMINATION BOARD
2022 PRIMARY SCHOOL LEAVING CERTIFICATE MOCK EXAMINATION

PRIMARY SCIENCE
(100Marks)

Subject Number: P163

Time Allowed: 2 hours Friday, 29
08:00 – 10:00 am

April

Name of candidate: _____
(Surname First)

Name of School: _____

Instruction

- This paper contains 7 pages. Please check**
- This paper has two sections A and B. Section A consists of 40 multiple choice questions carrying 1 mark each. Write your answer to this section on the question paper in the space provided at the end of each section
Section B has 10 structured questions. Write answer to this section on the in the space provided. The maximum number of marks for each answer is indicated against the question
- Answer all questions
- In the table provided on this page, tick against question number you have answered
- IMPORTANT**
 - Please make sure you have written your **name, school name** and **examination number** on the space provided
 - Hand in your question paper to the invigilator when time is called to stop writing

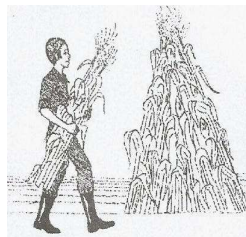
Question number	Tick Qs 51 – 60 if answered	Do not write in these columns	
1-40			
41			
42			
43			
44			
45			
46			
47			
48			
49			
50			

GAWO A: Multiple Choice (40Marks)

Agriculture

1. Explain why farming is regarded as business?
 - A. it produce food for sale
 - B. it produce crops and raise animals with aim of getting profit
 - C. it produce crops for profit
 - D. it provide animals for meat
 2. Name one way of improving availability of water
 - A. avoid putting water in river
 - B. construction of dams and boreholes
 - C. adding chlorine to dirty waters
 - D. improving the quality of water
 3. Define soil erosion
 - A. arrangement of soil particles to form different shapes
 - B. vertical section through the soil showing horizontal layer s
 - C. removal of top soil by the action of water and wind
 - D. loss of fertile soil resulting into low yield
 4. Which of the following is the characteristic of cattle suitable for beef production

A. large belly	B. thin large body
C. triangular	D. short legs
 5. Why are farmers advised to face away from wind when spraying chemicals to crops
 - A. avoid walking backwards
 - B. avoid killing insects
 - C. avoid inhaling chemicals
 - D. avoid spraying chemicals to crops
- Figure 1** is a diagram of a man harvesting maize. Use it to answer question 6



6. Identify the method

A. stocking	B. hipping
C. loosing	D. packing
7. Which of the following is a method of weeding

A. dollop	B. broadcasting
C. cleaning	D. slashing
8. Explain the meaning of farm calendar
 - A. guide the farmer to carry out activities in each

- crop
- B. list of all activities done in each month of the year for a given crop
- C. list of all activities done in a farm
- D. list of all activities involved when prepared

Figure 2 is a diagram of a farm implements. Use it to answer question 9.



9. Which of the following is a way of maintaining the farm implement above

A. replacing broken part	B. removing soil
C. oiling	D. painting inside
10. The main advantage of deep litter house is that...
 - A. it needs a lot of money to construct
 - B. chickens are well protected from diseases and predators
 - C. litters may not be available when needed
 - D. cages are made of wire and paced in tiers
11. On a poultry farm one bird was sneezing and coughing. Which disease was the bird suffering from?

A. fowl pox	B. coccidiosis
C. cough and sneezing	D. fowl cholera
12. To which sub branch of agriculture does the growing of trees belong to?

A. agronomy	B. horticulture
C. silviculture	D. agroforestry
13. Give one cultural practice followed when establishing agroforestry plot *****

A. planting	B. farming
C. cropping	D. pruning
14. Why is it important to trim flowers?
 - A. it restricts growth
 - B. makes a desirable shape
 - C. cause damage to flower
 - D. transform the pant
15. Why should a age for a buck be slightly larger than for a doe?

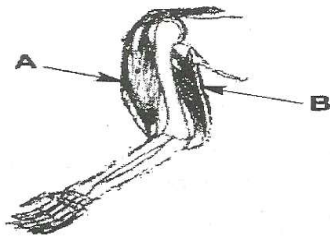
A. a doe is clever in its territory	B. a doe is strong
C. to easy mating	D. to prevent fighting

Name : Number:.....

16. Which of the following is a sign for coccidiosis in rabbit
 - A. rapid death
 - B. protozoa
 - C. sneezing
 - D. coughing
17. One way of conserving water is _____
 - A. evaporation
 - B. use of contour ridges
 - C. precipitation
 - D. digging
18. Which of the following is the importance of water to the crops
 - A. washing utensils
 - B. adding chlorine
 - C. seed germination
 - D. for drinking
19. Records dealing with money on a farm are called_
 - A. farm records
 - B. field records
 - C. yield records
 - D. financial record
20. Which part of the plough cuts the soil into layers
 - A. wings
 - B. hake
 - C. share
 - D. hitch

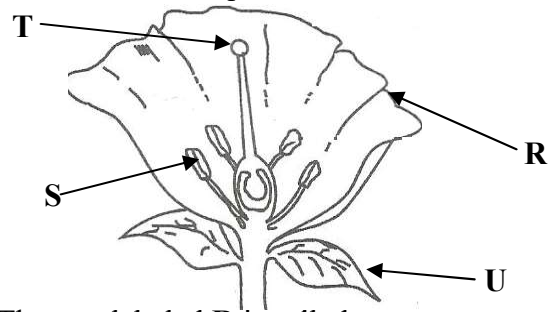
Science and Technology

Figure 3 is a diagram. Use it to answer questions 21



21. Identify muscles labeled A
 - A. tendon
 - B. calf muscle
 - C. biceps
 - D. triceps
22. Which of the following are male reproductive parts
 - A. ovaries and penis
 - B. fallopian tube and bladder
 - C. penis and testis
 - D. womb and vagina
23. Which of the following is a sign/symptom of hook worm
 - A. gain weight
 - B. vomiting
 - C. anaemia
 - D. looking pale
24. Which of part of the brain controls heart beat?
 - A. cerebrum
 - B. cerebellum
 - C. sense organs
 - D. medulla oblagata
25. Which part of the bean seed develops into roots
 - A. radicle
 - B. micropyle
 - C. plumule
 - D. scar

Figure 4 is a diagram showing parts of flower. Use it to answer question 26 – 27



26. The part labeled **R** is called
 - A. flower stalk
 - B. sepals
 - C. filament
 - D. petals
27. What is the function of part labeled **S**
 - A. holds anthers
 - B. produce pollen grain
 - C. attract insets
 - D. develop seeds
28. Which part attracts pollination agents?
 - A. **R**
 - B. **S**
 - C. **T**
 - D. **U**
29. Which organ pumps blood in the body?
 - A. arteries
 - B. capillaries
 - C. veins
 - D. heart
30. What can be the effect of excessive blood loss?
 - A. disease
 - B. blood pressure
 - C. anaemia
 - D. blood clotting
31. Which of the following is the importance of immunization?
 - A. it causes children to grow faster
 - B. it protects children from some diseases
 - C. it protects children from bleeding
 - D. it protects a child from swelling
32. The following are classroom technologies except_
 - A. chalkboard and ruler
 - B. ruler and block
 - C. ruler and paper
 - D. paper and radio
33. One advantage of stewing methods of cooking food is_____
 - A. very slow method of cooking
 - B. keep the temperature just slow
 - C. serve the food and liquid together
 - D. food looks attractive and appetizing
34. Which of the following is a property of light?
 - A. has speed
 - B. moves in zigzag way
 - C. has properties
 - D. has gas
35. Which way can transmit HIV and AIDS
 - A. abstinence from sex

Name : Number:.....

- B. avoid having more than one partner
- C. through unsafe blood transfusion
- D. through oral medication

Figure 5 shows a diagram of nutritional deficiency disease. Use it to answer question 36 and 37



- 36. Name the disease
 - A. rickets
 - B. goiter
 - C. anaemia
 - D. scurvy
- 37. How can you prevent the disease above?
 - A. eating protein rich food
 - B. eating vitamin rich foods
 - C. eating iodine rich food
 - D. eating vitamin B rich food
- 38. Which of the following is not physical change in boys
 - A. develop interest in opposite sex
 - B. develop more confidence
 - C. hips get wider
 - D. become more sensitive to failures
- 39. Identify the ear problem
 - A. colds and flue
 - B. short sight
 - C. pimples
 - D. damage of the ear drum
- 40. Which of the following is involved in the implementation stage of scientific investigation?
 - A. collecting data
 - B. identifying problem
 - C. predicting the answer
 - D. making conclusion

SETION B: (60 Marks)

Agriculture

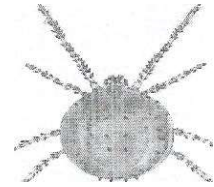
41. The table below shows cattle breeding and amount of milk produced by one animal of each breed. Use it to answer question 41

CATTLE	MILK PRODUCED(ℓ)
Fresian	600
Africander	200
Brahman	100

- (a) Which cattle breed produces more milk? (1m)

- (b) Calculate the average amount of milk produces in a month (2marks)

42. **Figure 6** below is a diagram showing external parasite of a goat. Use it to answer the following questions



- (a) Identify the parasite (1mark)

- (b) Explain any two effects of the parasite to the animal (2marks)

- (c) State any two ways of controlling the parasite (6marks)

- 43. What is an orchard (1mark)

- (b) Give two importance of fruits (2marks)

- (c) State two agricultural activities involved in land preparation (2 marks)

- 44. State two uses of farm cart (2marks)

- (b) Mention two ways of maintaining a farm cart (2marks)

- 45. What does agriculture environment mean? (1ma)

- (b) Name two importance of soil (2 marks)

- (c) Give two types of houses for each animal below (6marks)

Name : Number:.....

- i. Cattle

- ii. Chicken

- iii. Goat

46. Give any two reasons why 'mphende' is suitable for fish farming (2marks)

- (b) What is the difference between cross breeding out breeding (2marks)

- (c) Give any two end products that can be made from hoofs (2marks)

- (d) _____ is the art of growing crops and rearing animals on land for people's use (2marks)

SCIENCE

47. Draw a bean seed and label any two external parts (4 marks)
- (b) Name three conditions necessary for seed germination (3marks)

- (c) Name three uses of plant roots (2marks)

48. Give any two states of matter (2 marks)

- (b) Mention three ways how state of matter can be applied (3marks)

- (c) What is pollination (1mark)

- (d) State any two characteristics of fruits and seed dispersed by animals (2 marks)

- (e) Give two seeds that can be dispersed by explosion (2 marks)

- (f) List any two examples of flowering plant (2m)

49. Define the term 'lacto – vegetarians (1 mark)

- (b) Give any two factors to consider when planning meals for old people (2marks)

- (c) List any two suitable food for old people (2 m)

50. Give two importance of food preservations (2 ma)

THE END OF QUESTION PAPER