

2024 WASSCE SUPER MOCK GENERAL AGRICULTURE 1
GENERAL AGRICULTURE

PAPER 1
OBJECTIVE TEST
[50 marks]

1 hour

Answer **all** the questions.

Each question is followed by **four** options lettered **A** to **D**. Find out the correct option for **each** question and shade **in pencil** on your answer sheet, the answer space which bears the same letter as the option you have chosen. Give only **one** answer to **each** question.

Do **all** the rough work on this question paper.

Now answer the following questions.

- | | |
|---|--|
| <p>1. Browsing in ruminants is the act of</p> <ul style="list-style-type: none">A. chewing the cudB. feeding in groupC. unsupervised grazingD. picking leaves from herbs <p>2. In animal production, the burdizzo is used to</p> <ul style="list-style-type: none">A. cross the spermatic cordB. open the scrotumC. remove the testesD. tie the spermatic cord <p>3. Which of the following farm animals is a non-ruminant herbivore?</p> <ul style="list-style-type: none">A. GoatB. PigC. RabbitD. Turkey <p>4. Profit and loss account is also known as</p> <ul style="list-style-type: none">A. trial balanceB. income and expenditure statementC. balance sheetD. Cash -flow statement <p>5. Benchmark in land surveying is the</p> <ul style="list-style-type: none">A. centre of survey areaB. point of known elevationC. height of the staffD. position of the tripod <p>6. The main female reproductive hormone in farm animals</p> <ul style="list-style-type: none">A. androgenB. oestrogenC. prolactinD. testosterone | <p>7. The expected date of farrow of a gilt that conceived on 1st January 2022 is</p> <ul style="list-style-type: none">A. 13 March 2022B. 23rd April 2022.C. 13th May 2022D. 23rd June 2022 <p>8. A bag of NPK (25 : 22 :10) fertilizer weighs 50 g. Determine the quantity of phosphorus in the fertilizer</p> <ul style="list-style-type: none">A. 9.1 kgB. 10.0kgC. 18.2 kgD. 20.0 kg <p>9. Dry season vegetable production could best be done in areas of</p> <ul style="list-style-type: none">A. high water tableB. low night temperaturesC. high relative humidityD. low wind speed <p>10. The dissemination of information of better ways of controlling crop diseases is usually carried out by</p> <ul style="list-style-type: none">A. an agronomistB. a soil scientistC. an extension officerD. a microbiologist <p>11. The law of demand states that the demand is</p> <ul style="list-style-type: none">A. always higher than supplyB. always lower than supplyC. directly related to priceD. inversely related to price |
|---|--|

12. Which of the following conditions are necessary for successful incubation of poultry eggs?

- I. appropriate land picture
- II. good ventilation
- III. provision of light

- A. I and II only
- B. I and III only
- C. II and III only
- D. I, II and III

13. The water available to crops is that held by soils

- A. at field capacity
- B. at wilting point
- C. when separated
- D. when waterlogged

14. A soil sample weighs 30 grams fresh and 20 g when oven dried. Determine the percentage of water content

- A. 15%
- B. 33.3%
- C. 50%
- D. 66.7%

15. In which part of the alimentary canal of a farm animal is mature tapeworms usually located

- A. liver
- B. lung
- C. small intestine
- D. large intestine

16. One advantage of animal traction is that it

- A. can be used on all types of soil
- B. can be used under all weather conditions
- C. increases soil salinity
- D. minimizes hard-pan formation

17. Which of the following farm implements is used for breaking down soil clods?

- A. Harrow
- B. Plough
- C. Rodger
- D. Trailer

18. Sandy soils are usually eroded because they have

- A. large pore spaces
- B. lower fertility
- C. poor soil structure
- D. fine texture

19. The bacterium involved in the oxidation of nitric to nitrate with in the nitrogen cycle is

- A. *Azotobacter* sp
- B. *Nitrobacter* sp
- C. *Nitrosomonas* sp
- D. *Rhizobium* sp

20. Capping of yam mound is done to

- A. check soil erosion
- B. improve soil aeration
- C. regulate soil temperature
- D. improve soil fertility

21. Which of the following practices is the last to be carried out at the crop nursery?

- A. Drilling
- B. Shading
- C. Pricking-out
- D. Hardening – off

22. An effective method of controlling cassava mosaic disease is to

- A. Plant resistant varieties
- B. Apply fungicides on the farm
- C. Space the plant correctly
- D. Sterilize the soil before planting

23. Which of the following parasites of farm animals could be controlled by dipping the animals?

- A. Flukes
- B. Ticks
- C. Hookworm
- D. Tapeworm

24. If the spacing requirements of a crop is 7.2 m x 9.0 m, determine the plant population per hectare.

- A. 15 plants
- B. 65 plants
- C. 154 plants
- D. 320 plants

25. An entrepreneur's first task in a chosen farm enterprise is to
- A. Take day to day decisions on what needs to be done.
 - B. Keep records of daily farm accounts.
 - C. Set goals to be achieved.
 - D. Implement programs of action
26. Which of the following statement about agricultural extension are correct?
- I. There is no age limit for participants
 - II. Knowledge is acquired through observation
 - III. Examinations are conducted after each lesson
- A. I and II only
 - B. I and III only
 - C. II and III only
 - D. I, II and III.
27. Sources of protein for poultry feed include
- A. cotton seed and maize bran
 - B. fish meal and maize bean
 - C. soya bean and cotton seed
 - D. soya bean and fish meal
28. One reason for adding humus to clayey soil is to
- A. Decrease the number of soil organisms
 - B. maintain the water - holding capacity
 - C. improve the soil structure
 - D. reduce soil acidity
29. Which of the following grasses are suitable for lawn establishment?
- I *Cynodon dactylon*
 - II *Panicum maximum*
 - III *Zoysia Japonica*
- A. I and II only
 - B. I and III only
 - C. II and III only
 - D. I, II and III

30. One disadvantage of monoculture is that
- A. soil nutrients are leached
 - B. soil texture is destroyed
 - C. diseases and pest build up
 - D. farms are not easily mechanized
31. Which of the following diseases of farm animals is non-pathogenic?
- A. Anthrax
 - B. Bloat
 - C. Coccidiosis
 - D. Newcastle
32. An example of individual extension teaching method is
- A. demonstration
 - B. use of posters
 - C. informal contacts
 - D. farmers' day
33. Which of the following soil properties is the most difficult to change?
- A. pH
 - B. Porosity
 - C. Structure
 - D. Texture
34. An example of storage pest of crops is
- A. capsid
 - B. cricket
 - C. grasshopper
 - D. weevil
35. Which of the following factors is mostly considered in grain storage?
- A. Humidity
 - B. Light
 - C. Temperature
 - D. Wind
36. Which of the following types of expenditure is a fixed cost in the short run?
- A. Cost of pesticide
 - B. Depreciation cost of a tractor
 - C. interest paid on loan
 - D. cost of farmland

37. A system of integrating Forest establishment and arable cropping is referred to as
- mixed farming
 - taungya system
 - afforestation system
 - alley cropping
38. Parturition in farm animals marks the end of
- breeding
 - gestation
 - lactation
 - ovulation
39. An inflammation of the udder of a female farm animals is a symptom of
- brucellosis
 - coccidiosis
 - mastitis
 - milk fever
40. Which of the following factors influence the choice of farming system in a community?
- Climate
 - Political stability
 - Customs of the people
- I and II only
 - I and III only
 - II and III only
 - I, II and III
41. Low income obtained from agricultural exports in Ghana is mainly due to
- poor packaging of produce
 - export of primary produce
 - poor quality of produce
 - high cost of production
42. Local leaders are used in extension education because they are
- good at organising local groups for extension activities
 - efficient in the discharge of their duties
 - rich and provide resources for extension
 - sources of information and technology knowledge
43. Which of the following which is dispersed by animals?
- Ageratum conizoides*
 - Tridax procumbens*
 - Aspilia Africans*
 - Boerhavia diffusa*
44. Which of the following problems hinder agricultural development in West Africa?
- Low income levels of farmers
 - Inadequate storage facility
 - Unfavourable land tenure system
- I and II only
 - I and III only
 - II and III only
 - I, II and III
45. The traditional system of land ownership in many parts of west Africa is the
- communal system
 - freehold system
 - leasehold system
 - tenancy system
46. It is difficult to practise mechanized agriculture in West Africa because of
- poor rainfall
 - poor soil fertility
 - disease outbreak
 - Land fragmentation
47. In the siting any construction of a pig sty in an area, much consideration is given to the
- relative humidity
 - nature of slope
 - atmospheric pressure
 - wind direction
48. In production output per unit of input is called
- total product
 - total input
 - marginal product
 - average product

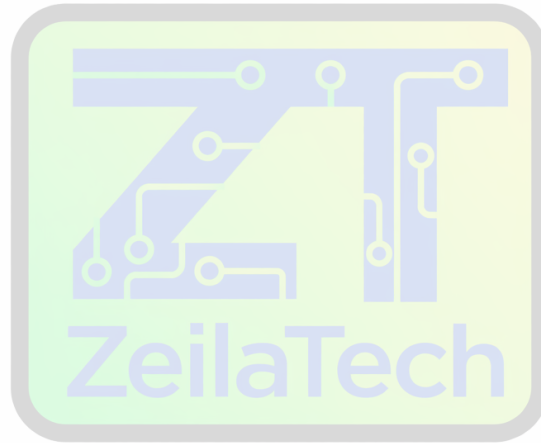
49. Which of the following types of soil water is always available to plants?

- A. Hygroscopic water
- B. Superfluous water
- C. Capillary water
- D. Gravitational water

50. A high proportion of agricultural produce go waste in West Africa because of

- A. insufficient use of herbicides
- B. inadequate rainfall
- C. low level of fertilizer use
- D. inadequate storage facilities

END OF PAPER



Smart Learning Tools