



Myfuture CBC Revision

Agriculture - GRADE 9

Question Paper

1. What is a recommended strategy to prevent soil pollution in agriculture?

- A. Applying excessive irrigation
- B. Practicing sustainable land management
- C. Using synthetic growth regulators
- D. Removing vegetation along field borders

2. Which of the following is a sustainable soil conservation practice in agriculture?

- A. Using heavy machinery for plowing
- B. Applying chemical pesticides
- C. Practicing crop rotation
- D. Clearing land for cultivation

3. How do cover crops benefit soil health in integrated farming in Kenya?

- A. By promoting soil compaction
- B. By reducing erosion and adding organic matter
- C. By increasing chemical pesticide use
- D. By depleting soil nutrients

4. Which farming method is commonly associated with organic gardening?

- A. Agrochemical farming
- B. Industrial farming
- C. Hydroponics
- D. Permaculture

5. How can the government support the implementation of the innovative waterer project in Kenya?

- A. By providing subsidies for water wastage
- B. By discouraging sustainable farming methods
- C. By restricting access to technology
- D. By offering incentives for water conservation practices

6. What is the importance of crop rotation in sustainable agriculture?

- A. To reduce pest populations
- B. To promote monoculture farming
- C. To deplete soil nutrients
- D. To increase soil erosion

7. What is the purpose of drying harvested crops?

- A. To reduce moisture content
- B. To improve taste
- C. To attract pests
- D. To increase weight

8. How much water is wasted in a day?

- A. 156 Gallons
- B. 10 Million Gallons
- C. None
- D. 526 Gallons

9. What is the recommended frequency for disinfecting clothing and household articles in agriculture?

- A. Once a year
- B. Every time they get visibly dirty
- C. Never
- D. Once a month

10. Which IPM control relies on predation and parasitism?

- A. Cultural Control
- B. Mechanical Control
- C. Genetic Control
- D. Biological Control

11. The lively movement of a fish in water is called _____.

- A. lesion
- B. symptom
- C. vigor
- D. diagnostic laboratory

12. Which of the following is a key element of organic gardening?

- A. Synthetic growth hormones
- B. Chemical herbicides
- C. Mixed cropping
- D. Continuous mono-cropping

13. How can small-scale farmers in Kenya ensure transparency and trust with customers when marketing their crop produce?

- A. Hiding information about farming practices and product quality
- B. Selling expired or substandard products
- C. Providing clear and accurate product information
- D. Avoiding direct communication with customers

14. What is the advantage of conducting market research before marketing crop produce in Kenya?

- A. Selling without considering pricing strategies
- B. Understanding customer preferences and buying behaviors
- C. Guessing the market demand based on personal assumptions
- D. Ignoring market trends and competitor activities

15. The planet loses _____ billion tons of top soil each year

- A. 24
- B. 54
- C. 94
- D. 84

16. What is the impact of reduced tillage practices in integrated farming systems in Kenya?

- A. Improved soil health and water retention
- B. Increased soil erosion
- C. Loss of soil structure and fertility
- D. High demand for chemical fertilizers

17. How does using compost benefit organic gardening?

- A. Improves soil structure and fertility
- B. Increases chemical residues
- C. Promotes plant diseases
- D. Decreases soil fertility

18. What should you do before attempting to handle a horse?

- A. Make loud noises to get its attention
- B. Offer it a treat to gain its trust
- C. Slowly approach, speaking softly and making eye contact
- D. Approach it from directly in front

19. How does agroforestry contribute to food security in farming communities?

- A. Promoting soil degradation
- B. Dependence on external inputs
- C. Decreasing crop diversity
- D. Increasing resistance to pests and diseases

20. Which of the following is not a component of soil health in crop production?

- A. Soil fertility
- B. Soil biodiversity
- C. Soil structure
- D. Soil pollution

21. What is the ideal humidity level for hay storage?

- A. 50-70%
- B. 0%
- C. 10-20%
- D. 80-100%

22. What is the recommended method for preserving yogurt to maintain its freshness?

- A. Refrigeration
- B. Adding salt
- C. Leaving it out in the sun
- D. Freezing

23. Agroforestry farming systems include silvopasture, alley cropping, wind breaking, and.....

- A. Farm run off
- B. Forest fires
- C. Forest farming
- D. Windmills

24. What is the goal of mulching in organic gardening?

- A. To increase pest infestations
- B. To retain soil moisture and suppress weeds
- C. To deplete soil nutrients
- D. To crowd plant roots

25. How can farmers reduce water wastage while ensuring proper hydration for their crops?

- A. Leaving water taps open throughout the day
- B. Implementing soil moisture sensors for irrigation
- C. Overwatering plants to compensate for dry spells
- D. Using traditional overhead sprinkler systems

26. Which of the following is not a storage method for harvested crops?

- A. Root cellars
- B. Barns
- C. Selling immediately
- D. Silos

27. Which of the following is a disadvantage of not implementing water harvesting practices in agriculture?

- A. Improved crop yields
- B. Increased water availability
- C. Limited water supply for crops
- D. Reduced soil erosion

28. What should farmers provide to ensure the safety of livestock during extreme weather conditions?

- A. Loud noises
- B. Fresh vegetables
- C. Adequate shelter
- D. Lots of sugary treats

29. Why is it important to dry fruits before storing them?

- A. To make them more susceptible to mold growth
- B. To enhance their flavor and sweetness
- C. To increase their water content
- D. To prevent the growth of mold and increase shelf life

30. Why is it important to disinfect clothing and household articles in agriculture?

- A. To attract more pests
- B. To reduce the risk of spreading diseases
- C. To improve color retention
- D. To increase soil fertility

31. Which of the following is a biological method of controlling pests?

- A. Introduction of natural enemies of pests
- B. Use of chemical fertilizers
- C. Use of synthetic pesticides
- D. Burning of crops

32. Why is diversification of crops and livestock important in integrated farming?

- A. To reduce the use of organic manure
- B. To enhance resilience to climate change
- C. To deplete soil nutrients faster
- D. To increase vulnerability to diseases

33. What is the optimal pH range for most vegetable crops to thrive?

- A. pH 4-5
- B. pH 8-9
- C. pH 6-7
- D. pH 10-11

34. Which of the following statements about the sowing of seeds is incorrect?

- A. Seeds should be sown close to each other.
- B. Sowing should be done after loosening the soil.
- C. Sowing should be done with the help of seed drill.
- D. Seeds should be sown at proper depth.

35. What is the purpose of water harvesting in agriculture?

- A. To reduce soil fertility
- B. To increase evaporation of water
- C. To waste water resources
- D. To conserve water for irrigation

36. How can farmers in Kenya manage water resources effectively during off-season cropping?

- A. Irrigating crops during the hottest part of the day
- B. Over-irrigating crops to ensure they have enough water
- C. Using drip irrigation systems
- D. Relying solely on rainfall

37. What is a common method of pest control in crop storage facilities in Kenya?

- A. Adopting cats
- B. Increasing temperature
- C. Fumigation
- D. Using insecticides

38. Which of the following statements about manure is incorrect?

- A. Manure adds inorganic matter to the soil.
- B. Manure improves the texture of the soil.
- C. Manure enhances the growth of friendly bacteria in the soil.
- D. Manure increases the water-holding capacity of the soil.

39. How does smoking fish contribute to its preservation?

- A. By inhibiting the growth of bacteria and adding flavor
- B. By making it unsafe for consumption
- C. By reducing its shelf life
- D. By making it more susceptible to bacterial growth

40. Why is Agroforestry not used as much as it should be?

- A. A very small amount of people know about it.
- B. Farmers don't have clear farm rights so can't invest in planting trees.
- C. It is quite expensive
- D. Trees can live in all places.

41. Which of the following is a common method of drying crops for storage in Kenya?

- A. Boiling
- B. Microwaving
- C. Freezing
- D. Sun drying

42. How can ICT help farmers in accessing market information?

- A. Providing training on new farming techniques
- B. Connecting farmers to online marketplaces
- C. Building more irrigation systems
- D. Developing new crop varieties

43. Why is it important to provide sufficient sunlight exposure for crops in the planting site?

- A. To prevent plant growth
- B. To reduce photosynthesis
- C. To attract pests
- D. To promote healthy growth

44. Which method is used to control weeds without the use of chemicals?

- A. Fertilizers
- B. Scarecrows
- C. Hand weeding
- D. Herbicides

45. Tim read that it is possible to reduce the understory or brush from a forest by...

- A. Using prescribed fires
- B. Applying only herbicides
- C. Starting a wild fire
- D. Solarizing all weeds

46. Which practice helps in reducing chemical runoff and pollution in water bodies?

- A. Over-fertilization
- B. No-till farming
- C. Chemical tillage
- D. Crop rotation

47. What role does the frame structure play in framed suspended gardens?

- A. No significant function
- B. Providing stability and support for plants
- C. Blocking sunlight
- D. Aesthetic appeal only

48. Which of the following practices can help farmers conserve water during dry spells?

- A. Implementing crop rotation
- B. Increase water usage on all crops
- C. Regularly applying pesticides through irrigation
- D. Allowing wasteful water practices

49. What role does value addition play in improving food security?

- A. Decreases food availability
- B. Promotes food diversity
- C. Raises food prices
- D. Increases food quality

50. How can farmers prevent hay from attracting pests during storage?

- A. Installing pest traps inside storage facilities
- B. Keeping storage areas dark at all times
- C. Regularly inspecting hay for signs of pests
- D. Spraying pesticides directly on hay

