



Myfuture CBC Revision

Agriculture - GRADE 9

Question Paper

1. Which of the following is true about the effects of chemical pesticides on the environment?

- A. They promote biodiversity
- B. They can harm beneficial insects and pollinators
- C. They have no impact on non-target species
- D. They are safe for human consumption

2. Where is garbage taken after you throw it away?

- A. to the ocean
- B. to a factory
- C. to a landfill
- D. to space

3. Which activity can contribute to soil pollution in agriculture?

- A. Using biodegradable mulch
- B. Applying excessive irrigation
- C. Planting cover crops
- D. Implementing proper waste management

4. Which of the following is a cultural method of pest control in animal production?

- A. Use of antibiotics in animals
- B. Regular removal of manure
- C. Using chemical pesticides
- D. Intercropping different crops

5. What usually uses more water in the home?

- A. Washing machine
- B. brushing your teeth
- C. taking a shower
- D. drinking water

6. What is an essential factor for the success of framed suspended gardens?

- A. Overcrowding plants in a small space
- B. Choosing plants randomly without consideration
- C. Ignoring the need for proper watering
- D. Providing adequate light and nutrients

7. Disrupts how insects grow and reproduce, sometimes making them sterile:

- A. Braconid Wasp
- B. Endophytes
- C. Insect Growth Regulator
- D. Crop Rotation

8. Which of the following is a benefit of proper waste disposal practices in agriculture?

- A. Higher greenhouse gas emissions
- B. Decreased water quality
- C. Increased pollution in the environment
- D. Reduced odors around the farm

9. What is the optimal temperature range for growing onions in Kenya?

- A. 10-20°C
- B. 20-30°C
- C. 40-50°C
- D. 30-40°C

10. Which of the following is a suitable method for controlling pests and diseases at the planting site?

- A. Practicing crop rotation
- B. Over-watering the crops
- C. Removing all vegetation around the site
- D. Using chemical pesticides indiscriminately

11. What is the benefit of creating windbreaks in agricultural fields?

- A. To increase pesticide use
- B. To deplete water resources
- C. To reduce wind damage
- D. To promote soil erosion

12. What is the primary reason for choosing a scion with multiple buds for grafting?

- A. To improve leaf color
- B. To enhance fruit production
- C. To increase flowering
- D. To ensure graft success

13. What is the primary purpose of using a homemade sun dryer?

- A. To cool down produce
- B. To generate electricity
- C. To dry and preserve fruits/vegetables
- D. To cook food

14. What will Mark need to complete for every LUC in his agroforestry plan?

- A. Visit the site everyday
- B. Create an interactive map
- C. Provide a water source there
- D. Determine carrying capacities of the land

15. What is the purpose of draining excess liquid from canned fruits?

- A. To maintain the texture and prevent mushiness of the fruits
- B. To prevent the growth of mold in the can
- C. To increase the juiciness of the fruits
- D. To decrease the sugar content of the fruits

16. Which of the following environmental factors can negatively impact the success of grafting?

- A. Low temperature
- B. Heavy rainfall
- C. High humidity
- D. Direct sunlight

17. Which of the following methods involves treating animal products with smoke to preserve them?

- A. Freezing
- B. Smoking
- C. Canning
- D. Sun drying

18. What is a sustainable way to control soil pollution in agriculture?

- A. Planting hedgerows to prevent soil erosion
- B. Applying chemical fertilizers indiscriminately
- C. Using synthetic growth hormones in crops
- D. Burning crop residues in the field

19. What type of flour is best suited for making pastries like samosas?

- A. Self-rising flour
- B. Maize flour
- C. Rice flour
- D. All-purpose flour

20. _____ losses result when the environment in which an aqua crop is living is less than ideal.

- A. proportionate
- B. indirect
- C. disproportionate
- D. direct

21. What care should be taken during the storage of harvested maize to prevent spoilage?

- A. Keep in damp environment
- B. Mix with wet grains
- C. Store in open area
- D. Protect from pests

22. Which of the following practices can help farmers conserve water and reduce greenhouse gas emissions?

- A. Regularly tilling fields to a depth of more than 12 inches
- B. Overwatering crops to stimulate growth
- C. Implementing low-till or no-till farming practices
- D. Applying chemical fertilizers in large quantities

23. How can hay storage facilities be improved for better conservation?

- A. Leaving storage areas open to the outdoors
- B. Adding more ventilation holes to walls
- C. Installing heating systems in the facility
- D. Reducing the overall size of the storage area

24. What is the benefit of integrated pest management (IPM) in crop production?

- A. Increase chemical pesticide use
- B. Minimize pesticide use
- C. Reduce biodiversity
- D. Promote pest resistance

25. How can leftover food be utilized to conserve resources?

- A. Turning it into compost
- B. Throwing it in a bonfire
- C. Using it as pig feed
- D. Selling it to a food vendor

26. Which of the following is a sustainable method for conserving water in agriculture?

- A. Using open channels for irrigation
- B. Applying pesticides through irrigation water
- C. Regularly flushing irrigation systems
- D. Implementing water-efficient irrigation techniques

27. How often should hay be checked for signs of spoilage?

- A. Twice a year
- B. Every week
- C. Every three years
- D. Once a month

28. Which activity contributes to effective conservation of hay as animal feed in Kenya?

- A. Feeding animals directly from freshly harvested hay fields
- B. Leaving hay uncovered in storage areas prone to water leaks
- C. Mixing hay with soil and debris during storage
- D. Sealing hay bales with plastic to minimize air exposure

29. Which of the following is not a method of preventing soil pollution?

- A. Proper disposal of toxic chemicals
- B. Using organic fertilizers
- C. Burning plastic waste
- D. Contour plowing

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

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

31. What is the primary source of wool used in Kenya for textile production?

- A. Goats
- B. Sheep
- C. Cows
- D. Pigs

32. What is agroforestry?

- A. The act of cutting down trees and using them for domestic purposes.
- B. The planting of forests.
- C. The crime of burning trees down.
- D. The growing of both trees and agricultural / horticultural crops on the same piece of land.

33. Jaclyn will use silvopasture for her horses. This partnership will most likely.....

- A. Provide food and shade for the horses
- B. Provide a place to store tack for the horses
- C. Provide a watering hole
- D. Provide a place for camping overnight

34. Which method is suitable for preserving cheese to maintain its flavor and texture?

- A. Boiling
- B. Adding sugar
- C. Wrapping in wax paper
- D. Keeping in open air

35. How does value addition benefit consumers?

- A. Decreases product availability
- B. Increases product freshness
- C. Raises product prices
- D. Reduces nutritional value

36. Which of the following is a value addition technique for meat products?

- A. Soil fertility management
- B. Cheese making
- C. Slaughtering animals
- D. Milking cows

37. Which of the following is a value addition technique for tea products?

- A. Watering tea plants
- B. Pruning tea bushes
- C. Plucking tea leaves
- D. Packaging tea bags

38. What is the primary focus of organic gardening practices?

- A. Accelerating soil degradation
- B. Maximizing chemical inputs
- C. Promoting biodiversity and sustainability
- D. Eliminating beneficial insects

39. How can farmers in Kenya prevent post-harvest losses when storing crops?

- A. Store crops in open areas
- B. Ignore storage pests
- C. Regularly monitor storage conditions
- D. Use excessive pesticides

40. What is a recommended practice for conserving hay as animal feed in Kenya?

- A. Stacking hay bales tightly and sealing them completely
- B. Leaving hay exposed to dust and dirt in open storage areas
- C. Using hay with visible signs of mold growth
- D. Feeding animals with hay stored directly in the field

41. Which type of flour is commonly used to make chapati in Kenya?

- A. All-purpose flour
- B. Cake flour
- C. Whole wheat flour
- D. Corn flour

42. Why is it important to wash hands before handling animal products?

- A. To prevent the transfer of harmful bacteria
- B. To make them taste better
- C. To remove natural flavors from the products
- D. To decrease the shelf life of the products

43. What is the benefit of forming a cooperative with other farmers for marketing crop produce in Kenya?

- A. Limited control over pricing
- B. Increased competition among members
- C. Access to better market opportunities
- D. Decreased bargaining power with buyers

44. Which practice helps in preserving hay quality for livestock?

- A. Feeding small amounts of hay frequently
- B. Allowing hay to get wet in storage
- C. Storing hay near manure heaps
- D. Regularly monitoring hay for spoilage signs

45. Which practice is important for successful off-season cropping in Kenya?

- A. Applying excessive amounts of fertilizer
- B. Planting at irregular intervals
- C. Using outdated farming equipment
- D. Monitoring crop health regularly

46. Which crop is commonly grown during the off-season in Kenya?

- A. Maize
- B. Sorghum
- C. Tomatoes
- D. Potatoes

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

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

48. The step that most likely is the foundation of an agroforestry plan is.....

- A. Determining the costs
- B. Determining the objectives
- C. Determining the soil profile
- D. Determining what wildlife is on site

49. _____ are undesirable fish in a fish crop.

- A. parasites
- B. pests
- C. predators
- D. trash fish

50. Jamie is considering an inexpensive and relatively quick growing tree that can provide future income

in his agroforestry plan is most likely.....

- A. Magnolia trees
- B. Pine trees
- C. Ginseng
- D. Oak trees

