

Ministry of Education

Secondary Engagement Programme

December 2020

Week # 12

Assessment

Grade :10

Subject : Agricultural Science

Time: 60 mins.

Instructions: Read the questions carefully. Choose the correct letter from the choices provided to answer the questions correctly.

1. Trade Liberalization means that....

- A. A fair trade in goods and services is encouraged B. Market access is restricted
B. Local farmers produce fewer crops D. More people are buying locally produced crops

2. A person who studies and analyzes genetic makeup of various animals is called.....

- A. Extension Officer B. Animal Geneticist
C. Veterinarian D. Livestock Production Manager

3. A worker who treat, assess and advise on individual animal health issues as well as herd health?

- A. Extension Officer B. Animal Geneticist
C. Veterinarian D. Livestock Production Manager

4. Which Agricultural institution is responsible for the reduction of under-nutrition in children and the prevention of diet related chronic diseases?

- A. Caribbean Development Bank B. Caribbean Food and Nutrition Institute
C. Caribbean Community D. Food and Agriculture Organisation

5. Name the institution that promotes economic integration and cooperation, and handles regional trade disputes.

- A. Caribbean Development Bank B. Caribbean Food and Nutrition Institute
C. Caribbean Community D. Food and Agriculture Organisation

6. In the Caribbean, the main governmental agency which advises farmers on the cultivation of their crops is?

- A. CARDI
- B. IICA
- B. CDB
- D. CFNI

7. Which of the following can be considered roles of agriculture in the economy in Caribbean countries?

(i) securing foreign exchange (ii) reduction of each country import bill (iii) contributing to G.N.P

- A i and ii only
- B ii and iii only
- C i and iii only
- D i, ii, and iii

8. Gross Domestic Product is the total value of.....

- A. Goods consume by a country
- B. Goods and services sold to other countries
- C. Services provided to other countries
- D. Goods and services produced in a country

9. Farmer Brown rears fish in his rice field. Which of the following best describes this practice?

- A. Mixed Farming
- B. Mixed Cropping
- C. Plantation Farming
- D. Mono culture

10. A farmer who does not use chemical pesticides or fertilisers is most likely practicing.....

- A. Crop Farming
- B. Mixed Farming
- C. Organic Farming
- D. Continuous Farming

11. Which of the following is not a principle of governing organic farming?

- A. Use of compost
- B. Strip cropping
- C. Biological pest control
- D. Protecting ecological balance

12. Which country is Banana and Cotton produced as the major crop?

- A. Trinidad and Tobago
- B. Montserrat
- C. Jamaica
- D. St. Lucia

13. When people have physical and economic access to available food in their country it is termed...

- A. Food Safety
- B. Food availability
- C. Food Security
- D. Food Diversity

14. The supply of food through production, distribution and exchange is.....
- A. Food Safety
 - B. Food availability
 - C. Food Security
 - D. Food Diversity
15. Which of the following is not a principle of food hygiene according to W.H.O?
- A. Store raw and cooked food together
 - B. Store food at the proper temperature
 - C. Cook food at the appropriate length of time and correct temperature
 - D. Prevent contaminating food
16. Hairs and plastic found in food is described as ----- contamination.
- A. Physical
 - B. Chemical
 - C. Biological
 - D. Natural
17. A cash or kind payback system paid to agricultural business, agricultural organizations and farms to supplement their income is called.....
- A. Incentives
 - B. Grants
 - C. Subsidy
 - D. Credit
18. The right and conditions under which people hold, use, own, control and enjoy property is.....
- A. Land Rights
 - B. Land Tenure
 - C. Commercial Land Use
 - D. Property Luxury
19. Which is not a constraint to **praedial larceny**?
- A. Offenders have high fines imposed on them at the courts.
 - B. Complaints to police do not bring a desirable outcome
 - C. It causes severe economic losses to the farmers
 - D. Frustrated small farmers eventually abandon farming
20. Which of the following are strategies for coping with climate when farming?
- (i) establish ponds to store water
 - (ii) establish good drainage systems

(iii) establish wind breaks

(iv) use cultural practices

A. (i) and (ii)

B. (i) and (iii)

C. (i), (ii) and (iii)

D. (i), (ii), (iii) and (iv)

21. Which of the following issues is likely to result from loss of agricultural land to industry and residential areas?

A. Soil Erosion

B. Problems with Food Security

C. Global Warming

D. Bioterrorism

22. Which of the following issues is likely to result from the emission of gasses from vehicles and industries?

A. Soil Erosion

B. Problems with Food Security

C. Global Warming

D. Bioterrorism

23. Soils that are found to be high in H^+ ions are?

A. Acidic

B. Neutral

C. High Calcium Content

D. Alkaline

24. A soil sample was observed and it was seen that the particles are fine and sticky when wet. This soil type is likely to be.....

A. Silt

B. Clay

C. Sand

D. Loam

25. The type of weathering where the effects of changing temperature on rocks is?

A. Physical weathering

B. Chemical weathering

C. Biological weathering

D. Weathering

26. The largest component of the soil is.....

A. Air

B. Organic Matter

C. Mineral Matter

D. Water

27. The hardpan of the soil can be found in which horizon?

A. Horizon A

B. Horizon B

C. Horizon C

D. Horizon D

28. Which type of soil is formed from the fragmentation of granite, limestone and quartz?

A. Silt

B. Clay

C. Sand

D. Loam

29. The soil type that is the densest and heaviest is.....

A. Silt

B. Clay

C. Sand

D. Loam

30. The type of soil formed in an area depends mainly on.....

A. Parent material

B. Humus

C. Hardpan

D. Surface

31. A soil sample taken from Mr. Ramnarine Cabbage farm reads a pH of 6.0. The soil is.....
A. Very acidic B. Slightly acidic C. Very alkaline D. Slightly alkaline
32. Which group of nutrients are secondary nutrients found in the soil?
A. Cl, Fe and Mg B. Cl, So and Mg C. Cl, Cu and Mg D. Cl, Zn and Mg
33. Which nutrient is needed in large quantity by plants?
A. Cl B. Mg C. Cu D. K
34. Which type of erosion occurs when the rain drops displace the soil particles it hits?
A. Sheet B. Rill C. Gully D. Splash
35. Gross margin is determined by.....
A. A record of all items purchase on the farm. B. A record of fixed income minus gross income
C. A record of variable income minus gross income D. A record of fixed and variable expenses
36. Which of the following is considered fixed asset?
A. Medication B. Property C. Insurance D. Fertilisers
37. What type of record should a pig farmer keep if he wants to know the size of his sow litter?
A. Production B. Breeding C. Livestock D. Inventory
38. Produce consumed by the farm family is considered.....
A. Expenditure B. Fixed cost C. Income D. variable cost
39. Which of the following is not a breed of rabbit?
A. Chinchilla B. Angora C. Flemish Giant D. Alpine
40. The duration of heat for a cow is?
A. 24 – 36 hrs. B. 12 – 24 hrs. C. 12 – 36 hrs. D. 3 days

End of test

Mark Scheme

1	A	21	B
2	B	22	C
3	C	23	A
4	B	24	B
5	C	25	A
6	A	26	C
7	D	27	B
8	D	28	C
9	A	29	B
10	C	30	A
11	B	31	A
12	B	32	B
13	C	33	D
14	B	34	D
15	A	35	C
16	A	36	B
17	A	37	A
18	B	38	C
19	A	39	D
20	D	40	B