

Roll No.

Z-56

Total No. of Questions : 23+23]

[Total No. of Printed Pages : 8

11th ARF(SZ)JKUT2024-25

256

AGRICULTURE

(Organic Grower/Dairy Farmer)

(Vocational)

Time : 2½ Hours]

[Maximum Marks : 50

Part-A

(Organic Grower)

Section-A

(Multiple Choice Questions)

1 each

1. Rice, Maize and Cotton are which crops :

(A) Rabi

(B) Zaid

(C) Kharif

(D) None of these

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(2)

2. The Science of fruits, flowers and vegetables is :

- (A) Poultry (B) Agronomy
(C) Horticulture (D) Sericulture

3. Scientific name of Rice is :

- (A) *Triticum aestivum* (B) *Oryza sativa*
(C) *Zea mays* (D) *Gossypium Spp*

4. Commonly used earthworm species in vermicomposting is :

- (A) *Eisenia fetida* (B) *E. coli*
(C) *Lukeworm* (D) Roundworm

5. Type of farming which is carried out on large areas of land such as meadows :

- (A) Extensive farming (B) Intensive farming
(C) Semi-intensive farming (D) Nomadic farming

6. Rearing of fishes is called as :

- (A) Pisciculture (B) Sericulture
(C) Horticulture (D) Apiculture

(3)

7. Which of the following greenhouse type is constructed on Hilly Terrain ?
- (A) Ridge and Furrow ~~(B)~~ Uneven span
(C) Even span type (D) Sawtooth type
8. Swarna Lalima, Swarna Naveen are varieties of which crop ?
- ~~(A)~~ Potato (B) Tomato
(C) Onion (D) Brinjal
9. Blossom end rot is famous disease of :
- (A) Tomato ~~(B)~~ Patoto
(C) Brinjal (D) Cabbage
10. Which of following is also known as trickle irrigation ?
- ~~(A)~~ Drip irrigation (B) Sprinkler irrigation
(C) Furrow irrigation (D) Check Basin

Section-B

(Very Short Answer Type Questions)

2 each

11. What are Biofertilizers ?
12. What do you mean by irrigation ?
13. Enlist some Biofertilizers.
14. What is Teamwork ?
15. What is Protected Cultivation ?

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Section-C

(Short Answer Type Questions)

3 each

16. Write any three popular varieties of potato.
17. Define sprinkler irrigation.
18. Write some merits of Drip-irrigation.
19. Enlist elements of communication cycle.
20. Define Agriculture.

Section-D

(Long Answer Type Questions)

5 each

21. Describe the package of practices of organic farming.

Or

Define Agriculture and its various branches. Explain three of them.

22. Define Entrepreneurship. What are the qualities of successful Entrepreneur ?

Or

Differentiate between ICT and ITes and enlist some computer shortcut keys.

23. Define organic farming. What are its advantages ?

Or

What are the various components of organic farming ? Explain any two.

(5)

Part-B

(Dairy Farmer)

(Multiple Choice Questions)

1 each

1. Primary symptoms of illness in cattle are :

- | | |
|--------------------------|-----------------------------|
| (A) Lethargy, dull | (B) Teeth grinding |
| (C) Decreased rumination | (D) All of these |

2. For which purpose biogas is used ?

- | | |
|-----------------------|------------------|
| (A) Household cooking | (B) Lighting |
| (C) Power | (D) All of these |

3. Which of the following is an advantage of mulching ?

- | | |
|------------------------|------------------|
| (A) Act as soil cooler | (B) Reduce weed |
| (C) Reduces erosion | (D) All of these |

4. Composting can be done :

- | | |
|----------------------|-------------------|
| (A) Aerobically | (B) Anaerobically |
| (C) Both (A) and (B) | (D) None of these |

5. Who is the father of computer ?

(A) James Gosling

(B) Charles Babbage

(C) Dennis Ritchie

(D) None of these

6. What is the full form of CPU ?

(A) Computer Processing Unit

(B) Computer Principle Unit

(C) Central Processing Unit

(D) Control Processing Unit

7. The advantage of head to head system of livestock housing is :

(A) Easier Supervision of milking

(B) Animals get more fresh air from outside

(C) Feed dispensing is easier

(D) None of these

8. Which of the following is considered an agriculture by-product ?

(A) Rice polish

(B) Soybean cake

(C) Groundnut cake

(D) Rapeseed cake

9. Which of the following is the Indian feeding standard ?

(A) ARC

(B) NRC

(C) ICAR

(D) ICMR

(7)

10. In which form can be concentrate mixture be offered to animals ?

(A) Mash

(B) Pellets

(C) Crumbles

(D) All of these

(Very Short Answer Type Questions)

2 each

11. APEDA stands for ?

12. What is conventional housing system ?

13. What is water requirement of Dairy animals ?

14. What is composition of Animal feed ?

15. Name major ingredients for feed preparation.

(Short Answer Type Questions)

3 each

16. Write a short note on Green India Mission.

17. Name any five Indian buffalo breeds.

18. Write a short on Loose Housing System.

19. Write a short note on schedule of Daily farm operations.

20. Write common PPE used by Dairy workers.

(8)

(Long Answer Type Questions)

5 each

21. Define communication. Explain Communication cycle in detail.

Or

Write short notes on the following :

(a) Goal Setting

(b) Teamwork

22. Write Indigenous cattle breeds of economic importance.

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Or

Write performance of Important Buffalo breeds of India.

23. Write equipment and machinery required for Livestock Housing.

Or

Write standard workplace procedures followed in a Dairy farm.