



B.E/B.TECH DEGREE EXAMINATIONS: MAY 2018

(Regulation 2015)

Sixth Semester

U15HEOE09/ P15HEOE09: ORGANIC FARMING

(Common to All Branches)

Time: Three Hours

Maximum Marks: 100

Part - A

I. Choose the best answer

10* 1 = 10 Marks

1. Covering the soil surface by using plant residues?
a) Mulching b) Planting c) Transplanting d) None of these
2. Cultivation of crop in between main crop is called as-----?
a) Main crop b) Intercrop c) Parallel crop d) Additive crop
3. Which one is called dual purpose (Both grain and vegetables) crop?
a) Rice b) Wheat c) Soybean d) Cowpea
4. -----manures contain more nutrients?
a) Green manure b) Bulky c) Parallel crop d) Concentrated
5. Penning is related to -----animal production techniques?
a) Cow dung b) Sheep & Goat c) Pig d) Horse
6. -----is highly suitable for dryland cropping system as cover crop?
a) Rice b) Maize c) Horsegram d) Sugarcane
7. The Sanskrit word Panchakavya means mixture of -----products?
a) Five b) Ten c) Two d) Sixty
8. -----is highly suitable wind break tree in coastal ecosystem?
a) Tamarind b) Mango c) Casuarina d) Neem
9. -----consists of gathering green biomass from nearby location and added and incorporated in to the soil?
a) Green manure b) Green leaf manure c) Parallel crop d) Weeds

10. Select the suitable resource for young chicks in warm climate during initial stage of growth?

- a) Water b) Feed c) Light d) All the above

II. Fill up the blanks

5 * 1 = 5 Marks

11. Botanical Park and zoo is an example of ----- conservation.

12. In garden land IFS cow dung is used for preparation of-----.

13. Poultry manure producing more amount of -----

14. The famous ----- book written by Masanobu fukuoka.

15. Farm yard manure contain----- and -----.

III. True or False

20 * 0.5 = 10 Marks

16. Growing two or more crops simultaneously with distinct row arrangement referred to as row inter cropping

17. Atmospheric nitrogen fixation is one of the primary criteria for selection of green manure crops

18. Northwest west monsoon is a major monsoon in Tamil Nadu

19. Day to day climatic change is called as weather

20. Neem oil is a inorganic pesticide

21. Sorghum is a pulse crop

22. Rudolf Steiner was the founder and father of biodynamic agriculture

23. Inorganic fertilizers are used in organic farming

24. Goat farming is an important component in dry land integrated farming system

25. The conversion of inorganic farm to organic farm is done within month

26. Urea is a organic manure

27. Nutrient, water and soil is a important basic resources for crop cultivation

28. Sir Albert Howard is often referred to as the father of modern organic agriculture

29. Castor cake is edible oilcake

30. Coir pith manure prepared from coconut husk

31. Azolla is biofertilizer

32. Masanobu Fukuoka was a microbiologist

33. Artificial application water is called as irrigation

34. Wetland highly depends on rainfall

35. Pungam leaf is a best example of green manure

IV. Match the following

10 * 0.5 = 5 Marks

36.	Maize	a)	Green leaf manure	
37.	Chickpea	b)	Fodder	
38.	Sunflower	c)	Cereals	
39.	Neem leaf	d)	Pulses	
40.	Cumbu Napier hybrid grass	e)	Oilseed	
41.	Farmyard manure	f)	Weed	
42.	Urea	g)	Flooding	
43.	Dry land	h)	Organic manure	
44.	Parthenium	i)	Inorganic manure	
45.	Wetland	j)	Rainfall	

Part – B

I. Identification

10*2 = 20 Marks

Part – C

I. Experience based outcome

8*5 = 40 Mark

1. Prospects and Constraints of organic farming?
2. Explain the principles of organic agriculture?
3. Explain the types of biodiversity?
4. What all the steps involved for successful Organic Transition?
5. Explain Bulky organic manures?
6. Explain biodiversity conservation?
7. Classification of intercropping based competition?
8. Critically commend exposure visit related to organic farming?

Part – D

1. Viva-voce

10 Marks
