



16941

**BRAINWARE UNIVERSITY**

**LIBRARY**  
**Brainware University**  
Barasat, Kolkata -700125

**Term End Examination 2024-2025****Programme – B.Sc.(Ag)-Hons-2021/B.Sc.(Ag)-Hons-2022****Course Name – Principles of Organic Farming****Course Code - CC-BAG677 (T)/CC-BAG677(T)****( Semester VI )****Full Marks : 50****Time : 2:0 Hours**

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

**Group-A****(Multiple Choice Type Question)****1 x 20=20**

1. Choose the correct alternative from the following :

- (i) A system of farming which avoids use of synthetic inputs like fertilizers, pesticides and hormones is called?
- a) Inorganic system                      b) Organic farming  
c) Inorganic farming                      d) None of them
- (ii) Who is considered as the father of green revolution of World?
- a) M.S.Swaminathan                      b) Guruprasad  
c) Smith                      d) Norman Borloug
- (iii) Who is regarded as the father of green revolution in India?
- a) M.S.Swaminathan                      b) Guruprasad  
c) Smith                      d) Norman Borloug
- (iv) Which of the following statement is true about organic farming?
- a) It improves quality of farm produce                      b) No improvement in nutritive value  
c) It reduces health benefit                      d) All of these
- (v) Which state has been declared as organic state?
- a) Sikkim                      b) Uttaranchal  
c) Both and                      d) Kerala
- (vi) Who coined the term Organic Farming?
- a) M.S.Swaminathan                      b) Walter James  
c) J.I.Rodale                      d) Smith
- (vii) Which of the following are included in the limitations of organic farming?
- a) Maintain soil fertility                      b) Increase soil fertility  
c) Small land holding                      d) Avoid pollution
- (viii) Choose the correct answer: The main objective of organic farming is:
- a) Low quality food production                      b) Work with artificial system  
c) Maintain and increase soil fertility                      d) Increasing pollution

- (ix) Choose the correct answer: Continuous use of high energy inputs lead to deterioration of:
- Socio eco-system
  - Plant physiology
  - (Rural economy)
  - Natural eco-system
- (x) Due to globalization of trade, Indian Agriculture will face which type of competition?
- Production
  - Market
  - Commodity
  - None
- (xi) Which is the main market for export of organic product in India?
- European union
  - Japan
  - USA
  - Africa
- (xii) What is the watch word and slogan of organic farming?
- Feed the soil
  - Feed the animal
  - Feed the plant
  - None of these
- (xiii) Which part of the organic matter is source of energy for microbes?
- N
  - Humus
  - C
  - Fe
- (xiv) In which year NPOP was first launched ?
- 2002
  - 2006
  - 2000
  - 2005
- (xv) Which is considered as complete plant food?
- Inorganic fertilizers
  - Bio-fertilizers
  - Organic fertilizers
  - All of these
- (xvi) What is the average size of an operational holding in India?
- 1.57
  - 1.51
  - 1.75
  - 1.54
- (xvii) Select the correct option: Full form of NPOP is:
- National Program on Organic Production
  - National Program on Organic Products
  - National Products on Organic Production
  - None of these
- (xviii) Select the correct answer: India represents only \_\_\_\_\_% area under organic farming out of cultivated area
- 0.01
  - 0.03
  - 0.05
  - 0.070
- (xix) Select the correct answer: The book entitled Conversion to Organic Agriculture is written by \_\_\_\_\_.
- A.K.Sharma
  - P.Tripathi
  - K.Annadurai
  - A.K.Singh
- (xx) Identify the biological N fixing organism used in transplanting paddy:
- Azospirillum
  - Rhizobium
  - Azola
  - Acitobactor

**LIBRARY**  
**Brainware University**  
**Barasat, Kolkata -700125**

### Group-B

(Short Answer Type Questions)

2.5 x  
10=25

- What is organic farming? (2.5)
- What are the advantages of organic farming? (2.5)
- Discuss about the principle of ecology in organic farming. (2.5)
- What are the objectives of organic farming? (2.5)
- List out the components of organic farming. (2.5)
- Classify organic manure based on nutrient content. (2.5)
- Compare between rural compost and urban compost. (2.5)
- Recall different method of farm compost preparation. (2.5)

10. List down the advantages of biofertilizer application. (2.5)  
11. Discuss about the principle of fairness in organic farming. (2.5)

**OR**

Discuss about the principle of care in organic farming. (2.5)

**Group-C**

(Long Answer Type Questions)

5 x 1=5

12. Discuss the principles of biological weed control. (5)

**OR**

Discuss about the methods of biofertilizer application. (5)

\*\*\*\*\*

**LIBRARY**  
**Brain University**  
**Bar - 0125**

**YASRI**  
**Yashwantrao Chavan Pratishthan**  
**Yashwantrao Chavan Pratishthan**