

- (vii) Show the correct option: Cropping system in low land and upland (irrigated) is largely depends on
- a) Duration of water availability
b) Domestic needs
c) Both Duration of water availability and Domestic needs
d) None of these
- (viii) Show the correct option: Which cropping system is having largest area in India
- a) Rice-Wheat
b) Wheat-Rice
c) Rice-Rice-Rice
d) Rice-Oilseeds
- (ix) Show the correct option: Predominant cropping system in West Bengal and parts of Bihar is
- a) Jute-Wheat
b) Jute-Potato
c) Jute-Rice-Wheat
d) All of these
- (x) Show the correct option: Which cropping system does not require any additional N application
- a) Cereal-legume
b) Legume-legume
c) Both a and b
d) None of these
- (xi) Show the correct option: Which of the following crop does not leave any residual nutrient to the succeeding crops
- a) Green gram
b) Barley
c) Potato
d) Wheat
- (xii) Show the correct option: Land equivalent ratio is >1.0
- a) Yield advantage
b) No yield advantage or loss
c) Yield loss
d) All of these
- (xiii) Show the correct option: Land equivalent ratio is useful index under
- a) Additive series
b) Replacement series
c) Both a and b
d) None of these
- (xiv) Show the correct option: Which crop is the most efficient nitrogen utilizer
- a) Jute
b) Maize
c) Potato
d) Groundnut
- (xv) Show the correct option: The most efficient phosphorus utilizing crop is
- a) Maize
b) Groundnut
c) Potato
d) Jute
- (xvi) Show the correct option: Judicious mix of one or more enterprises with cropping is called
- a) Cropping system
b) Farming system
c) Both a and b
d) None of these
- (xvii) Show the correct option: which of the following can be combined with fish for increasing profit and utilization resources effectively
- a) Duck
b) Pig
c) Poultry
d) All of these
- (xviii) Show the correct option: Which of the additional enterprise with existing cropping system in uplands yields high returns
- a) Dairy
b) Biogas
c) Silviculture
d) All of these
- (xix) Show the correct option: ICAR adhoc model of farming system research in low lands was established during
- a) 1990
b) 1975
c) 1998
d) 2002
- (xx) Show the correct option: Farming system research is
- a) Researchers need based
b) Farmers need based
c) Institute need based
d) None of these

Group-B

(Short Answer Type Questions)

2.5 x
10=25

2. Simplify the term carbon foot print (2.5)
3. Explain Conventational Agriculture (2.5)
4. Simplify the term Integrated Farming system (2.5)
5. Explain the term Agro-ecosystem (2.5)
6. Explain the term cropping pattern (2.5)
7. Explain the term sole cropping (2.5)
8. Explain the term Mixed cropping system (2.5)
9. Illustrate additive series inintercropping system (2.5)
10. Explain the term sequential cropping (2.5)
11. Explain the term Agrobiodiversity (2.5)

OR

Discuss about Bio-dyanamic farming (2.5)

Group-C

(Long Answer Type Questions)

5 x 1=5

12. Simplyfy the different practices involved in conservation agriculture (5)

OR

Discuss about IFS and its objective (5)
