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3 (Sem-5/CBCS) GGY HE 4

2021

(Held in 2022)

GEOGRAPHY

(Honours Elective)

Paper : GGY-HE-5046

(Agricultural Geography)

Full Marks : 60

Time : Three hours

The figures in the margin indicate full marks for the questions.

1. Choose the correct option for the following questions : 1×7=7

(a) Which of the following is a topographical factor of agriculture ?

- (i) Duration of sunshine
- (ii) Slope
- (iii) Market
- (iv) Rainfall

Contd.

- (b) Intensive agriculture is associated with
- (i) multiple cropping
 - (ii) monoculture
 - (iii) large landholding size
 - (iv) low yield rate
- (c) Which of the following is not a characteristic of plantation agriculture?
- (i) Single crop farming on a large area
 - (ii) Crops are primarily grown for the market
 - (iii) Crops are grown for a season
 - (iv) It has an interface of agriculture and market
- (d) Crop combination refers to
- (i) aggregate of various crops grown per unit of land at a given point of time
 - (ii) crops cultivated in different landholding
 - (iii) crops adaptation to local environment
 - (iv) None of the above
- (e) HYV stands for:
- (i) High Year Variation
 - (ii) High Yielding Variety
 - (iii) High Yelder Variety
 - (iv) High Yelder Variation

- (f) Which of the following is the second largest wheat producing country in the world?
- (i) India
 - (ii) China
 - (iii) Russia
 - (iv) USA
- (g) Which of the following is the largest rice producing country in the world?
- (i) India
 - (ii) China
 - (iii) Indonesia
 - (iv) Bangladesh

2. Answer the following questions in brief:
2×4=8
- (a) Write *any two* physical factors influencing agriculture.
 - (b) What do you understand by crop concentration?
 - (c) Why is plantation agriculture considered as commercial farming?
 - (d) Mention *two* problems related to Indian agriculture.
3. Answer *any three* of the following questions in short:
5×3=15
- (a) Write a short note on empirical approach of agricultural geography.

5no (b) What are the differences between subsistence and commercial agriculture ?

(c) How does crop rotation help to improve soil health and production ?

(d) Why is crop productivity related to agricultural development? Give examples.

120925. 503 (e) Discuss the factors influencing rice production.

4. Answer **any three** questions from the following : 10×3=30

(a) What is agricultural geography? Discuss its meaning and scope.

(b) Discuss the various factors influencing wheat cultivation in the world.

(c) Elucidate von Thünen's model of agricultural location and comment on its present day relevance.

(d) What do you understand by agricultural modernization? Discuss the nature of agricultural modernization in India.

(e) Give an account of global agricultural systems.