

No. of Printed Pages : 3

MNR-001

00216

**POST GRADUATE CERTIFICATE IN
AGRICULTURAL POLICY (PGCAP)**

Term-End Examination

December, 2011

**MNR-001 : INDIAN AGRICULTURAL
DEVELOPMENT**

Time : 2 hours

Maximum Marks : 50

Note : *Attempt any five questions.*

All questions carry equal marks.

- | | | | |
|----|-----|---|----|
| 1. | (a) | Explain the various types of risks in agriculture. | 5 |
| | (b) | Explain the meaning of and the rationale for diversification in agriculture. | 5 |
| 2. | (a) | How does a favourable structure of prices provide incentives for increasing production in agriculture ? | 5 |
| | (b) | Explain the importance of capital formation for the growth of the agricultural sector. | 5 |
| 3. | | Agricultural research that does not have linkages with the extension system and an extension system that is not based on research are meaningless. Discuss. | 10 |

4. (a) Discuss the main features and objectives of the comprehensive crop insurance scheme. 5
- (b) Explain the difficulties in imposing a progressive tax on agricultural income in India. 5
5. (a) Discuss the salient features of the National Rural Employment Guarantee Act, 2005. In your opinion, should the scheme be continued ? 5
- (b) The development of rural industries is a prerequisite for the development of the agricultural sector in India. Discuss. 5
6. (a) Discuss the impact of various ICT-enabled initiatives in the agricultural sector in India. 5
- (b) Explain what kind of institutional support is available in India for the development of rural industries ? 5
7. Discuss the importance of the Public Distribution System in India. Explain some of the innovative measures that have been attempted to make the system effective. 10

8. Write short notes on *any five* of the following : 5x2=10

- (a) Plant quarantine.
- (b) Krishi Vigyan Kendras
- (c) De minimis levels of subsidy
- (d) Land policy reforms for diversification
- (e) Green Box subsidies
- (f) Administered prices in agriculture
- (g) Globalization of Indian agriculture
- (h) Canal Irrigation.



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No. of Printed Pages : 2

MNR-001

00204

**POST GRADUATE CERTIFICATE IN
AGRICULTURAL POLICY (PGCAP)**

Term-End Examination

June, 2012

**MNR-001 : INDIAN AGRICULTURAL
DEVELOPMENT**

Time : 2 hours

Maximum Marks : 50

Note : Attempt any five questions. All questions carry equal marks.

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- | | | | |
|----|-----|---|----|
| 1. | (a) | Explain the main features of the WTO Agreement on Agriculture. | 5 |
| | (b) | Discuss the relationship between agriculture and Industry. | 5 |
| 2. | (a) | What do you understand by trade distortions ? What are the factors that can lead to distortions in trade ? | 5 |
| | (b) | Explain the structure of cooperative marketing system in India. | 5 |
| 3. | | How can NGOs help in the process of agricultural development in India ? What is their relevance in a country like India ? | 10 |
| 4. | | Discuss the role of agriculture in the Indian economy. | 10 |

5. (a) What do you understand by "buffer stock"? 5
What is the importance of a buffer stock policy in a country like India ?
- (b) What do you understand by sustainable 5
agriculture ? What are the measures that are required for achieving sustainable agriculture ?
6. What is the importance of germplasm 10
conservation ? Explain the different methods of germplasm conservation.
7. (a) Discuss some of the major problems that 5
affect soils and land in India.
- (b) Explain the importance and composition of 5
livestock resources of India.
8. Write short notes on *any five* of the following :
- (a) Training and visit system of extension 5x2=10
- (b) Challenges in ICT applications in rural 5
areas.
- (c) Regional Rural Banks
- (d) Codex Alimentarius
- (e) Intellectual Property Rights
- (f) Agro - climate zones
- (g) Levy scheme of rice procurement
- (h) Input cost indexation approach

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MNR-001

**POST GRADUATE CERTIFICATE IN
AGRICULTURAL POLICY (PGCAP)**

Term-End Examination

December, 2012

**MNR-001 : INDIAN AGRICULTURAL
DEVELOPMENT**

Time : 2 hours

Maximum Marks : 50

Note : Attempt any five questions. All questions carry equal marks.

1. Explain the role and importance of agriculture in Indian economy. 10
2. Discuss the agricultural credit structure in India. 10
3. (a) Discuss the development of Indian agriculture before independence. 5
(b) Enlist the components of modern agriculture. 5
4. (a) List out the agro-climatic zones of India. 5
(b) Enlist the major cropping pattern followed in different states. 5
5. Explain the importance of different forms of parity prices in price formulation. 10

6. What do you understand by diversification in agriculture? Explain the scope of vertical diversification in Indian agriculture. 10
7. Discuss the effect of agricultural diversification on soil health, water resources, production sustainability and rural employment. 10
8. Write short notes on **any five** of the followings : $5 \times 2 = 10$
 - (a) Shifting cultivation
 - (b) Capital formation
 - (c) Pre-sowing cultivation practices
 - (d) ICT
 - (e) Achievements of TPDS
 - (f) Warehousing
 - (g) Globalization of agricultural trade

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MNR-001

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**POST GRADUATE CERTIFICATE IN
AGRICULTURAL POLICY (PGCAP)**

Term-End Examination

June, 2013

**MNR-001 : INDIAN AGRICULTURAL
DEVELOPMENT**

Time : 2 hours

Maximum Marks : 50

Note : Attempt any five questions. All questions carry equal marks.

1. Describe the changes in Indian agriculture since the inception civilization till today. 10
2. Explain the different aspects of agricultural taxation in India. 10
3. Explain the scope and importance of diversification in Indian agriculture. 10
4. Explain the three major types of land reform enacted in India after independence. 10
5. Discuss in detail the Cooperative Credit Structure in India. 10

6. Discuss the growth in production and productivity of agriculture after independence. 10
7. (a) List out the traditional methods of collecting and storing water. 5
(b) Discuss the sources of risk and uncertainty in Indian agriculture. 5
8. Write short notes on *any five* of the following : $5 \times 2 = 10$
(a) Crop insurance
(b) Parity price
(c) IPR
(d) Antyodaya Anna Yojana
(e) Food Security
(f) Type of Rural Industries
(g) Role of agriculture in industrial development

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No. of Printed Pages : 2

MNR-001

**POST GRADUATE CERTIFICATE IN
AGRICULTURAL POLICY (PGCAP)**

Term-End Examination

December, 2013

**MNR-001 : INDIAN AGRICULTURAL
DEVELOPMENT**

Time : 2 hours

Maximum Marks : 50

*Note : Attempt **any five** questions. All questions carry equal marks.*

1. Describe the steps taken for development of agriculture in pre-historic era. 10
2. (a) Discuss the scenario of pulses production in India. 5
(b) Explain the distribution of land holdings according the size of land holding. 5
3. (a) What are the important characteristics considered during germ plasm evaluation for selection of traits ? 5
(b) Define agricultural labour. What are their characteristics ? 5
4. (a) Discuss the concept and importance of social control and nationalization of banks. 5

- (b) What is meant by micro - finance ? Write its advantages. 5
5. (a) What is capital formation ? Explain its impact on agricultural growth. 5
- (b) Explain the different types of agricultural subsidies. 5
6. What is the importance of research in agricultural development? Discuss the latest model of linkage between research and extension. 10
7. (a) What are the three boxes of domestic support under agreement on agriculture ? 5
- (b) Discuss the importance of information and communication technology in fulfilling information needs of agriculture. 5
-
8. Write short notes on **any five** : 5x2=10
- (a) Importance of plough and bullock cart
- (b) Indian National Gene Bank
- (c) Germ plasm exchange
- (d) Central issue price
- (e) Apex level co-operative institutions
- (f) Stages of learning process
- (g) Constraints in diversification of agriculture
- (h) Rural industrialization
-

No. of Printed Pages : 3

00505

MNR-001

PG CERTIFICATE IN AGRICULTURE POLICY (PGCAP)

Term-End Examination

June, 2014

MNR - 001 : INDIAN AGRICULTURAL DEVELOPMENT

Time : 2 hours

Maximum Marks : 50

Note : Answer any five Questions. All questions carry equal marks.

1. (a) What are the risk associated with agriculture ? Briefly explain how to manage these risks. 5
- (b) Explain the role of agriculture in Indian economy. 5
-

2. Discuss the important initiatives/ programmes under taken after independence which has led to growth in agriculture sector. 10

7. What do you understand by diversification of agriculture ? Discuss its scope and advantages. 10

8. Write short notes on *any five* : 2x5=10

- (i) Livestock resources
- (ii) Agro climatic zones
- (iii) Farmers club
- (iv) Progressive agricultural income tax
- (v) Sub-systems associated with agricultural production
- (vi) Problems of rural industries
- (vii) World Trade Organization

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No. of Printed Pages : 3

MNR-001

**POST GRADUATE CERTIFICATE IN
AGRICULTURAL POLICY (PGCAP)**

Term-End Examination

00251

December, 2014

**MNR-001: INDIAN AGRICULTURAL
DEVELOPMENT**

Time : 2 hours

Maximum Marks : 50

Note : Attempt any **five** questions. All questions carry equal marks.

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-
1. Discuss critically the role and importance of agriculture in the Indian economy. 10
2. (a) What are the implications of globalization on Indian agriculture ? Discuss. 5
- (b) Discuss the pros and cons of providing input based subsidies in agriculture. 5

3. (a) Explain the merits and demerits of targeted public distribution system adopted in India. 5
- (b) How are support prices for agricultural commodities determined ? Explain. 5
4. Explain the system of agriculture extension in India. How can the system be made more effective ? 10
5. (a) What are the different types of risks that farmers face ? How can each of these be managed ? 5
- (b) Write a brief note on the impact of ICT based initiatives on Indian agriculture. 5
6. (a) What do you understand by diversification ? Explain the various strategies that are being implemented to promote diversification. 5
- (b) What is meant by “rural non-farm sector” ? Explain the relationship between agriculture and industry. 5
7. Discuss the various schemes and programmes being implemented for betterment of agricultural labour in India. 10

8. Write short notes on any **five** of the following : $5 \times 2 = 10$

- (a) Concept of sustainable agriculture
- (b) Plant breeders rights
- (c) Sanitary and phytosanitary measures for product safety
- (d) Role of biotechnology in the management of plant genetic resources
- (e) Changes in land use pattern
- (f) Inland fisheries
- (g) Per-sowing cultivation practices in traditional agriculture
- (h) Rural godowns

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00016

POST GRADUATE CERTIFICATE IN AGRICULTURAL POLICY (PGCAP)

Term-End Examination

June, 2015

MNR-001 : INDIAN AGRICULTURAL DEVELOPMENT

Time : 2 hours

Maximum Marks : 50

Note : (i) Attempt *any five* questions.

(ii) All questions carry *equal* marks.

1. What is the importance of "Green Revolution" in securing food security in India ? Describe the key factors that helped to bring about the "Green Revolution" in the country. 10
2. (a) Explain the importance of plant breeders and farmers' rights. 5
(b) Briefly explain the various cost concepts used to compute the cost of production of agricultural commodities. 5
3. Discuss the challenges faced in application of ICT in agriculture and suggest strategies for its effective utilization. 10
4. Discuss in detail various WTO agreements concerning agriculture to establish fair trading system. 10

5. Explain the different types of cooperative marketing societies in India. What is the structure of these societies ? 10
6. Describe the various crop insurance programmes/ schemes implemented from time to time in India. Highlight the merits and shortcomings of each. 10
7. (a) What was the need to initiate land reforms in India ? Explain the major types of land reforms that were implemented after independence. 5
- (b) Explain the significance of farm animals in traditional Indian agriculture. 5
8. Write short notes on **any five** of the following : 5x2=10
- (a) Globalisation of agriculture
 - (b) Agricultural subsidy
 - (c) Rural industrialization
 - (d) *Antyodaya Anna Yojana*
 - (e) Characteristics of agricultural labour in India
 - (f) Plant quarantine
 - (g) Buffer stock operations and policy
 - (h) Agricultural taxation in India

No. of Printed Pages : 2

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**POST GRADUATE CERTIFICATE IN
AGRICULTURAL POLICY (PGCAP)**

Term-End Examination

December, 2015

**MNR-001 : INDIAN AGRICULTURAL
DEVELOPMENT**

Time : 2 hours

Maximum Marks : 50

Note : (i) Attempt *any five* questions.

(ii) All questions carry *equal* marks.

1. Discuss agricultural price policy. Also explain how minimum support prices are determined. 10
2. Discuss the various types of extension methods used in Agriculture. 10
3. Discuss the development in Agriculture since independence. 10
4. (a) Explain Biodiversity and its importance in Agriculture. 5
(b) Discuss the sources and potential of water resources in India. 5
5. (a) What are the land reforms under taken in India ? Explain any one. 5
(b) Explain in brief the importance and problems of green revolution. 5

6. Explain the role and importance of agriculture in Indian economy. 10
7. Discuss the status and functions of warehousing in India. 10
8. Write short notes on **any five** of the following : 5x2=10
- (a) Amber Box
 - (b) Large-sized Adivasi Multipurpose cooperative Societies (LAMPS)
 - (c) Common Lands
 - (d) Need for diversification
 - (e) Capital formation
 - (f) Agricultural taxes
 - (g) Inter sectoral parity price
 - (h) TPDS

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MNR-001

00677

**POST GRADUATE CERTIFICATE IN
AGRICULTURAL POLICY (PGCAP)**

Term-End Examination

June, 2016

**MNR-001 : INDIAN AGRICULTURAL
DEVELOPMENT**

Time : 2 hours

Maximum Marks : 50

Note : Attempt any five questions. All questions carry equal marks.

1. Discuss the role of NGOs in economic development of rural masses. Also explain their sources of finance. **10**
2. (a) List out the guidelines for decentralized procurement scheme. **5**
(b) Explain the importance of research in agricultural development. **5**
3. Explain the role of seeds, fertilizers and irrigation in green revolution. **10**
4. Explain the composition and importance of livestock in the Indian economy. **10**
5. Discuss the need and scope of diversification in Indian agriculture. **10**

6. Discuss the role and importance of higher financing Agencies in Agriculture. 10
7. What is the relationship between Agriculture and Industry ? Explain with the example. 10
8. Write short note on **any five** of the following : 5x2=10
- (a) Trade distortions
 - (b) Inter-commodity Price Parity
 - (c) Green Box
 - (d) AOA
 - (e) Ground Water Resources
 - (f) Open sale marking scheme
 - (g) Inland fishery resources
 - (h) Minimum Wages Act, 1948

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**POST GRADUATE CERTIFICATE IN
AGRICULTURAL POLICY (PGCAP)**

Term-End Examination

December, 2016

**MNR-001 : INDIAN AGRICULTURAL
DEVELOPMENT**

Time : 2 hours

Maximum Marks : 50

Note : Attempt any five questions. All questions carry equal marks.

1. (a) Discuss the soil improvement and pre-sowing activities in traditional agriculture. 5
(b) Differentiate between sustainable agriculture and modern agriculture. Write the practices needed for sustainable agriculture. 5
2. Discuss the importance of genetic resources in agricultural development. Also explain the steps in germplasm evaluation. 10
3. (a) What are the peculiar characteristics of agricultural labour which distinguishes them from industrial labour ? 5
(b) Discuss the government measures to improve the situation of agriculture labour. 5

4. (a) What are ancillary marine resources having potential of economic use ? 5
- (b) What are warehouses ? Discuss the functions performed by the warehouses. 5
5. Discuss important developments in research which led to the development of Indian agriculture. 10
6. (a) What is the role of support prices in managing higher agricultural production ? 5
- (b) Explain the special characteristics of agriculture which differentiate it from industry. 5
7. What do you mean by diversification in agriculture ? Discuss the need and scope of diversification in Indian agriculture. 10
-
8. Write short notes on any five : 2x5=10
- (a) Growth of ICT
- (b) Trade distortions
- (c) Rural industrialization
- (d) Thrust areas for research in agriculture
- (e) Central issue price
- (f) Common lands
- (g) Horticultural Production

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**POST GRADUATE CERTIFICATE IN
AGRICULTURAL POLICY (PGCAP)**

Term-End Examination

June, 2017

**MNR-001 : INDIAN AGRICULTURAL
DEVELOPMENT**

Time : 2 hours

Maximum Marks : 50

Note : Attempt any five questions. All questions carry equal marks.

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- | | | | |
|----|-----|---|----|
| 1. | (a) | Discuss the status and importance of animals in traditional agriculture. | 5 |
| | (b) | Discuss the distribution of lands according to different types of problems. | 5 |
| 2. | | Discuss the major developments in Indian agriculture which led to the food self-sufficiency in the country. | 10 |
| 3. | | Discuss the factors on which farmers' decision on choice of crops and cropping pattern is governed. | 10 |
| 4. | (a) | What are various types of inland fisheries resources in India. | 5 |
| | (b) | What are the major deficiencies in the functioning of TPDS ? Suggest corrective measures to improve the PDS system. | 5 |
-

5. (a) Discuss the role of farmers' organizations in management of different types of resources. 5
- (b) Discuss the importance of capital formation in agricultural Growth. 5
6. (a) What are different forms of subsidies ? Explain their role in managing higher agricultural production. 5
- (b) Define buffer stock. What are its objectives ? 5
7. Discuss the major problems being faced by the rural industries. Discuss about various support structure developed to overcome such problems. 10
8. Write short notes on any five : 2x5=10
- (a) Broad commitments for India under AOA.
- (b) Constraints in use of ICT.
- (c) Advantages of diversification.
- (d) Importance of research in agricultural development.
- (e) special characteristics of agriculture.
- (f) All India co-ordinated Research Project
- (g) Regional Rural Banks.
- (h) Bio-diversity.
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**POST GRADUATE CERTIFICATE IN
AGRICULTURAL POLICY (PGCAP)**

Term-End Examination

December, 2017

**MNR-001 : INDIAN AGRICULTURAL
DEVELOPMENT**

Time : 2 hours

Maximum Marks : 50

Note : (i) *Attempt any five questions.*
(ii) *All questions carry equal marks.*

- | | | | |
|----|-----|---|---|
| 1. | (a) | What is sustainable agriculture ? Discuss the practices needed for sustainable agriculture. | 5 |
| | (b) | Discuss the status and importance of animals in traditional agriculture. | 5 |
| 2. | (a) | Explain the role of agriculture in Indian economy. | 5 |
| | (b) | Discuss the different types of tenancy reforms implemented in India. | 5 |
| 3. | (a) | How are agricultural labour different from industrial labour ? | 5 |
| | (b) | Discuss the fisheries resources of India. | 5 |
| 4. | (a) | Explain the role and functions of micro - finance initiative. | 5 |
| | (b) | What is the role of support price in managing agricultural production ? | 5 |

5. Discuss the role of farmers' organizations in managing natural resources. 10
6. (a) Discuss about the agencies involved in foodgrains storage. 5
(b) Discuss the characteristics of agriculture that differentiate it from industry. 5
7. (a) Explain the relationship between agriculture and industry. 5
(b) What are the WTO agreements which are applicable to agricultural trade ? 5
8. Write short notes on **any five** : 5×2=10
- (a) Scope of diversification
 - (b) Growth of ICT
 - (c) SPS measures
 - (d) Production subsidy
 - (e) Area of research in agriculture
 - (f) Public distribution system
 - (g) T & V programme
 - (h) Indian National Gene Bank
-

No. of Printed Pages : 2

MNR-001

00655

**POST GRADUATE CERTIFICATE IN
AGRICULTURAL POLICY (PGCAP)**

Term-End Examination

June, 2018

**MNR-001 : INDIAN AGRICULTURAL
DEVELOPMENT**

Time : 2 hours

Maximum Marks : 50

Note : (i) *Attempt any five questions.*

(ii) *All questions carry equal marks.*

- | | | | |
|----|-----|---|---|
| 1. | (a) | Discuss the important factors which led to modern Indian agriculture. | 5 |
| | (b) | Explain the importance of agriculture in Indian economy. | 5 |
| 2. | (a) | Discuss the trends in area and production of pulses and oilseeds in India. | 5 |
| | (b) | How are distribution of operational land holdings classified ? What is the average size of holdings by different size classes ? | 5 |
| 3. | (a) | Discuss the causes of growth of agricultural labour in India. | 5 |
| | (b) | What are main animal products which are consumed and support health and income in the country ? | 5 |

4. (a) Discuss the reasons for social control and nationalization of banks. 5
(b) What do you understand by capital formation ? Discuss its role on agricultural growth. 5
5. Explain the developments that took place in extension system of country. 10
6. (a) What is decentralized system of procurement of food grains ? What are its advantages ? 5
(b) What is modern agriculture ? What type of agencies are required for modern agriculture ? 5
7. (a) What is diversification ? Suggest strategy to promote diversification. 5
(b) Discuss the importance of ICT to support agriculture extension. 5
8. Write short notes on any five : 5x2=10
(a) Types of rural industries
(b) Trade distortion
(c) Impact of ICT on agriculture
(d) Importance of agricultural taxation
(e) Role of KVK in technology transfer
(f) Targeted Public Distribution System
(g) Cooperative Marketing
(h) Green Revolution

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MNR-001

00595

**POST GRADUATE CERTIFICATE IN
AGRICULTURAL POLICY (PGCAP)**

Term-End Examination

December, 2018

**MNR-001 : INDIAN AGRICULTURAL
DEVELOPMENT**

Time : 2 hours

Maximum Marks : 50

Note : (i) Attempt any five questions.

(ii) All questions carry equal marks.

1. Explain the role and importance of agriculture in Indian economy. 10
2. Discuss the development of Indian agriculture after independence. 10
3. Explain the composition and importance of livestock in the Indian economy. 10
4. Discuss the economic conditions of agricultural labour in India. 10
5. Describe the sub-systems linked with agricultural development. 10

6. Explain the development of warehousing facilities in the country. 10
7. (a) Discuss the foodgrains marketing system in the country. 5
- (b) Explain the agriculture and industrial linkages with suitable examples. 5
8. Write short note on any five of the following : 5x2=10
- (a) WTO
 - (b) AOA
 - (c) FCI
 - (d) Export subsidy
 - (e) Organic farming
 - (f) Capital formation
 - (g) Importance of ICT
 - (h) Germplasm

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**POST GRADUATE CERTIFICATE IN
AGRICULTURAL POLICY (PGCAP)**

Term-End Examination, 2019

MNR-001 : INDIAN AGRICULTURAL DEVELOPMENT

Time : 2 Hours]

[Maximum Marks : 50

Note : Attempt any five questions. All questions carry equal marks.

1. Explain the scope and constraints of diversification in Indian Agriculture. [10]
2. Discuss the role of agricultural education, research and extension in the development of Indian agriculture. [10]
3. Discuss the distribution of biodiversity in India and explain its role in agricultural development. [10]
4. Discuss the various schemes implemented for Crop insurance in India. [10]
5. Discuss the broad commitments for India under Agreement on Agriculture (AOA). [10]

6. (a) Describe the special characteristics of agriculture. [5]
- (b) Discuss in brief the different sources of agricultural finance in India. [5]
7. Give the performance of Indian agriculture after independence. [10]
8. Write short note on **any five** of the following : [5×2=10]
- (a) IPR
 - (b) Green box
 - (c) Procurement price
 - (d) Green revolution
 - (e) Marine fisheries
 - (f) Rural industrialisation
 - (g) Operation Barga
 - (h) Risks in agriculture

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POST GRADUATE CERTIFICATE IN AGRICULTURAL POLICY (PGCAP)

Term-End Examination

December, 2019

MNR-001 : INDIAN AGRICULTURAL DEVELOPMENT

Time : 2 hours

Maximum Marks : 50

*Note : (i) Attempt any five questions.**(ii) All questions carry equal marks.*

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- | | | |
|----|---|-----|
| 1. | (a) What do you understand by modern agriculture ? Explain its features. | 5 |
| | (b) What were the practices followed to protect the crops in traditional agriculture ? | 5 |
| 2. | Discuss the importance of agriculture sector in the Indian economy. | 10 |
| 3. | What is land reforms ? Discuss the major activities enacted under land reforms. | 10 |
| 4. | (a) Discuss the composition and contribution of livestock resources in India. | 5 |
| | (b) Discuss the measures taken to strengthen Targeted Public Distribution System (TPDS). | 5 |
| 5. | What is agriculture extension ? Describe about the various extension programmes implemented in India. | 10 |
| 6. | Explain the role of following in managing higher agricultural production. | 5+5 |
| | (a) Support prices | |
| | (b) Input subsidies | |
| 7. | (a) Explain in brief about the food grain marketing system in India. | 5 |
| | (b) Discuss needs for diversification of agriculture in India. | 5 |
| 8. | Discuss the following : | 5+5 |
| | (a) Challenges in application of ICT in rural India. | |
| | (b) Features of rural industries. | |
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No. of Printed Pages : 2

MNR-001

POST GRADUATE CERTIFICATE IN AGRICULTURAL POLICY (PGCAP)

Term-End Examination

**MNR-001 : INDIAN AGRICULTURAL
DEVELOPMENT**

Time : 2 Hours

[Maximum Marks : 50]

Note: Attempt any five questions.

All questions carry equal marks.

1. a. What is sustainable agriculture? Explain the practices needed for sustainable agriculture. 5
- b. Discuss the status and role of farmers in ancient India. 5
2. Explain the role of following in development of Indian agriculture:
 - a. Green revolution 5
 - b. Agricultural research and extension 5
3. What is germ plasm? Discuss the methods of germ plasm conservation. 10



4. a. Discuss the growth of agricultural labour in India. 5
- b. What is cooperative marketing? Explain the types of cooperative marketing societies. 5
5. Explain the importance of insurance in agriculture. Discuss the various agricultural insurance schemes being implemented in India. 10
6. a. How capital formation in agriculture affects the agricultural growth? 5
- b. Explain the meaning and guidelines of decentralized procurement scheme of food grains. 5
7. Discuss about the sub-systems linked with agricultural development. 10
8. Discuss the following:
 - a. Relationship between agriculture and industry. 5
 - b. Three boxes of agreement on agriculture for domestic support. 5

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MNR-001

**POST GRADUATE CERTIFICATE IN
AGRICULTURAL POLICY (PGCAP)**

Term-End Examination

December, 2020

**MNR-001 : INDIAN AGRICULTURAL
DEVELOPMENT**

Time : 2 Hours

Maximum Marks : 50

Note : (i) *Attempt any five questions.*

(ii) *All questions carry equal marks.*

-
1. Describe the modern agricultural technologies contributing towards development of Indian agriculture. 10
2. Explain the composition and importance of livestock in the Indian economy. 10
3. Discuss in detail the prevailing cooperative credit structure in the country. 10

[2]

MNR-001

4. (a) Explain the major cropping patterns of India. 5
- (b) Discuss the causes of growth of agricultural labour in India. 5
5. Discuss the role of NGOs in rural development. Also explain their sources of finance. 10
6. (a) Discuss the importance of traditional knowledge in conservation of plant genetic resources. 5
- (b) Explain the constraints in diversification of agriculture. 5
7. (a) Discuss the sources of capital formation in agriculture and its impact on agricultural growth. 5
- (b) Explain the importance of Information and Communication Technology (ICT) in agriculture. 5
8. Write short notes on any *five* of the following : 5×2=10
- (a) Cooperative marketing

[3]

- (b) Green revolution
- (c) WTO
- (d) Farming system
- (e) Crop insurance
- (f) Production Subsidy
- (g) Blue box
- (h) Support price



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