

M.A. Examination, 2018
Rural Management
Semester-II
Paper –I
Subject: Macro Economics for Rural Management

Time: 2 Hours

Full Marks: 40

Group – A

Answer question No. 1 and any three from the rest

- 1. Answer the following questions:** 5 x 2 = 10
- (a) What do you mean by Mixed Economy?
 - (b) Poverty is a subject matter of Microeconomics or Macroeconomic- give reason.
 - (c) What is disguised unemployment?
 - (d) Distinguish between social accounting and private accounting.
 - (e) What are the types of unemployment?
- 2.** (a) Describe Circular Flow of Income for Three Sector Closed Economy.
(b) Discuss the different methods of measuring National Income. Mention the difficulties associated with those measurements. 5 +5
- 3.** (a) What do you mean by economic underdevelopment ?
(b) Discuss the major points of economic underdevelopment of India.
(c) Suggest some remedial measures for economic development in India. 2+6 +2
- 4.** (a) What is classical theory of employment?
(b) What are the assumptions lying behind this theory?
(c) How labour market equilibrium is established in a full employment market? 2+4+4
- 5.** (a) Distinguish between absolute poverty and relative poverty.
(b) Discuss why poverty is a social phenomena in India?
(c) Mention three important measurements of poverty done in India. 2 + 2 + 6
- 6. Write short notes on any four** 2.5 x 4 = 10
- (a) Role of NABARD in rural financing.
 - (b) Problems of Agricultural marketing in India.
 - (c) Net National Product
 - (d) Poverty line
 - (e) Major occupational structure in India.
 - (f) Why economic development depends largely on Infrastructure development?
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M.A. Examination, 2018
Rural Management
Semester-II
Paper –I Group – B
Subject: Quantitative Technique for Rural Management-II

Time: 2 Hours

Full Marks: 40

Answer Question No. 6 and any *three* from the rest

1. (a) Show that $\bar{x}$ is the arithmetic mean of the quantities $x_1, x_2, x_3, \dots, x_n$ then

$$\sum (x - \bar{x})^2 = \sum x^2 - n\bar{x}^2.$$

(b) The mean savings per month of a federation of 25 SHGs is Rs. 350 and the standard deviation is Rs. 50. Five more SHGs are admitted to the federation and their savings per month are 260, 300, 320, 490 and 590. Find the mean and standard deviation of new federation of 30 SHGs.

5+5=10

2. (a) The mean and standard deviation of a group of 100 observation were found to be 20 and 3 respectively. After the calculation it was found that three observations were incorrect which were recorded as 21, 21 and 18. Find the mean and S.D. if the incorrect observations are omitted.

(b) Find the standard deviation of the following distribution:

5+5=10

Income	50-100	100-150	150-200	200-250	250-300	300-350	350-400
No. of Families	5	8	9	12	18	23	17

3. Following three blocks out of 19 CD Blocks of Birbhum district have provided 100 days employment opportunity under MGNREGA. Compute which one is the best block in terms of the providing employment.

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Month	Jan	Feb	March	April	May	June	July	Aug	Sep	Oct	Nov	Dec
B1	4	3	1	14	17	6	13	5	22	5	6	4
B2	9	7	8	8	6	9	9	8	7	10	9	10
B3	10	8	8	7	9	8	7	7	7	9	10	10

4. Discussed the advantages of sampling method over census method of collection of statistical data. Explain Simple Random Sampling with and without replacement with suitable example.

5+5=10

5. Draw a random sample of size 10 with replacement from the following frequency distribution and compare the sample mean with the population mean.

5+5=10

Savings	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109
SHGs	14	36	47	66	41	24	10	2

6. Write Short note on *any two*:

5+5=10

a) Multi-stage sampling

c) Objective of Sampling

b) Systematic sampling

d) Purposive Sampling

M.A. Examination, 2018
Rural Management
Semester II
Paper – II (Group – A)
Subject: Rural Administration, PRIs and Decentralization

Time: 2 Hours

Full Marks: 40

(Answer any four questions)

1. Define Democracy. Mention the basic principles of Democracy. What are the essential conditions of Democracy? 2+4+4=10
 2. Briefly discuss the role of Panchayats in sustainable rural development in India. 10
 3. Discuss the Evolution of Panchayati Raj in India. 10
 4. What is Gram Sabha? Discuss the role of Gram Sabha. 2+8=10
 5. What do you understand by decentralized planning? Discuss the importance of participatory planning in developing rural India. 4+6=10
 6. Write short note on *any two* of the followings: 5X2=10
 - i) 73rd Constitutional Amendment Act.
 - ii) Social Audit.
 - iii) Top-down & Bottom-up Approach.
 - iv) ZillaParishad
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M.A. Examination, 2018
Rural Management
Semester – II
Paper –II Group – B

Subject: Environment, Climate Change and Disaster management

Time: 2 Hours

Full Marks: 40

Answer Question No. 6 and any *three* from the rest

1. What do you mean by Environment? What are the components of environment discuss in detail. 3+7=10
 2. What are the different forms of Environment Pollution? How does the Globalization Influence the Environment Pollution in Metro Cities? 4+6=10
 3. What do you mean by Bio-diversity? How does the National Bio-diversity Act played role for its management for sustainable development? 3+7=10
 4. Examine the differences between Hazards and Disaster? What are the main steps for organizing Disaster management work in a particular area? 3+7=10
 5. Discuss in details the functioning of National Policy on Disaster management. What type of support the masses are generally availed at the time of Disaster? 6+4=10
 6. Write a Short Note on *any two* of the followings: 5x2=10
 - a) Non-Conventional sources of energy
 - b) Deforestation
 - c) Global Warming.
 - d) The silent Valley Movement
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M. A. Examination, 2018
Rural Management
Semester II
Paper – III (Group – A)
Subject: Agriculture and Farm Management and Agri-business Management

Time: 2 Hours

Full Marks: 40

Answer question No. 1 and any three from the rest

1. Answer the following questions

4 x 2.5 = 10

- (a) What do you mean by a farm and a firm?
- (b) What is cropping intensity and crop yield index ?
- (c) Distinguish between the specialized farming and the diversified farming.
- (d) Differentiate between marketable surplus and marketed surplus.

2. (a) What are the problems of Indian farming? Discuss in details.

6+4=10

(b) Why farming in India is more a mode of life than a business opportunity?

3. (a) What is Factor-Product relationship?

2+3+5=10

(b) What are the types of factor-product relationships? Discuss with illustrations.

(c) Enumerate the relationship between total, average and marginal products from the following information.

Units of fertilizer	Total Product	Average product	Marginal product
1	15		
2	38		
3	66		
4	96		
5	120		
6	126		
7	126		
8	120		
9	90		
10	50		

P.T.O.

(2)

4. (a) What are the different types of costs used in farm management study? 4+6=10

(b) Calculate different type of costs Cost A1, Cost B and Cost C) from the following information of farmer Mr. ABC

Yield per hectare = 149.38 quintals

Market price of the product = Rs. 438 per quintal

All paid out costs = Rs. 36085.20

Rental value of owned land = Rs. 10,000

Interest on fixed capital = Rs. 730.02

Owned human labour cost = Rs. 3346

5. (a) Why agricultural credit is important for Indian farmers? 3+3+4=10

(b) What is the role of cooperative credit societies towards agricultural finance ?

(c) Briefly discuss the problems of agricultural marketing in India.

6. **Write short notes on any two** 2 x 5 = 10

(a) Relationship between Total Product and Marginal Product with illustration

(b) Factors influencing size of farms.

(c) Isocosts and isoquants.

M. A. Examination, 2018

Rural Management

Semester II

Paper – III (Group – B)

Subject: Rural Livelihood, Rural Non-farm sector and Entrepreneurship Development and Management

Time: 2 Hours

Full Marks: 40

(Answer any four questions)

1. What do you understand by Rural Livelihood? Mention the indicators of Rural Livelihood. 4+6=10
 2. Define Non-farm sector. Discuss the importance of non-farm sector. What policies should be taken to improve the non-farm sector? 2+4+4=10
 3. Write a brief note on NRLM. 10
 4. Mention the concept of Entrepreneur. Discuss the nature and characteristics of Entrepreneurship. 2+8=10
 5. Discuss the significances of human resource development for promoting potential entrepreneurs in rural areas. What are the basic infrastructures requires for fostering rural entrepreneurship? 5+5=10
 6. What is Self Help Group (SHG)? Discuss the impact of Self Help Group in rural livelihood development. 2+8=10
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M. A. Examination, 2018
Semester II
Rural Management
Paper – IV (Group – A)
(Research Methodology)

Time: 2 Hours

Full Marks: 40

Questions are of value as indicated in the margin

Answer Question No. 6 and any three from rest

1. What do you mean by research? Distinguish between Research methods and Research Methodology. 4+6=10
 2. What are the different types of research? Explain with suitable example. 10
 3. Describe the various methods of collecting of primary data from the field? Which method(s) is/are more effective for collection of data from a village as per your own opinion? 6+4=10
 4. What do you mean by Primary data and Secondary data? Write down the advantages and disadvantages of primary data and secondary data. 4+6=10
 5. What do you mean by Qualitative data and Quantitative data? Explain continuous and discrete type of quantitative data with suitable example. 4+6=10
 6. Write short note on **any two** questions: 5+5=10
 - a) Objective data and subjective data
 - b) Schedule vs questionnaire
 - c) Case study method
 - d) Primary unit of sampling
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