

Chattogram Veterinary and Animal Sciences University
Department of Agricultural Economics and Social Sciences
Semester Final Exam of MS in Agricultural Economics (July-December/2023)
Course Code: REM-602, Course Title: Research Methodology
Full Marks: 40 Time: 2 hours

[Answer any five questions. Figures in the right margin indicate full marks. Split answering is not recommended]

1. Briefly describe the difference between research methods and research methodology. 8.0
Write down the advantages and disadvantages of research methodology.
2. Define sampling with its classification? Briefly describe the simple random sampling 8.0
and systematic random sampling.
3. What is univariate and bivariate analysis? Write down the various ways to report 8.0
univariate and bivariate analysis.
4. What is data? Describe the different types of data and measurement scale. 8.0
5. What is research design? Briefly describe the all research design technique. 8.0
6. What are the general characteristics of a good research and a good hypothesis? Discuss 8.0
different kinds of hypothesis.
7. What are the assumptions to conduct a chi-square test? Describe the procedure of 8.0
conducting a chi-square test.

Chattogram Veterinary and Animal Sciences University
Dept. of Agricultural Economics and Social Science
MS in Agricultural Economics
July-December/2023 Semester Final Examination
Course Title: Project Planning, Monitoring and Evaluation
Course Code: PME-602
Full Marks: 40, Time: 2 Hours

*Answer any **4 (four)** questions with appropriate examples. Figures in the right margin indicate full marks.*

1. Define program monitoring and evaluation. State the steps of program evaluation. 10
2. Draw the evaluation logframe and explain it with examples. 10
3. Discuss the key factors should be considered for all steps of monitoring and evaluation. 10
4. How could biases and errors in project monitoring and evaluation be minimized? 10
5. How can the extent of local participation in monitoring and evaluation be determined? 10

CHITTAGONG VETERINARY AND ANIMAL SCIENCES UNIVERSITY

Department of Agricultural Economics and Social Sciences

July-December Semester final Examination-2023

M.S. in Agricultural Economics

Subject: Agribusiness Marketing (Theory)

Course Code: AGM-602

Total Marks: 40; Time: 2.0 hours

(Answer any four (4) questions from the followings. Figures in the right margin indicates full marks)

1. a) Distinguish between Agri-business and marketing. Discuss the scope of agribusiness in the field of livestock. 1+5=6
b) Write the challenges of Agribusiness in context of Bangladesh. 4
2. a) Define entrepreneur and entrepreneurship. Write the form of business organization and make comparison. 1+4=5
b) Briefly discuss the entrepreneurial competencies in context of agribusiness system. 5
3. a) Distinguish between market and marketing. Briefly discuss the functions of marketing. 1+5=6
b) How can you reduce the cost in livestock marketing system? 4
4. a) Define marketing channel and Marketing margin. How marketing channel is disrupted? 1+3=4
b) Write the ways to enhance livestock product marketing efficiency in Bangladesh. 3
c) Why selection of employees becomes important in marketing? 3
5. **Write short notes on (Any four from the followings):** **(2.5x4)=10**
(i) SWOT analysis; (ii) Organization structure and design; (iii) Principles of management; (iv) Total Quality Management (TQM); (v) Whole selling and retailing.

Chittagong Veterinary and Animal Sciences University
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Degree of M.S. in Agricultural Economics

July-December Semester, Final Exam, 2023

Course title: Food Security and Poverty Studies Course code: FPS-602

Total Marks: 40

Time: 2 hours

Questions are of equal value. Answer any **04 (Four)** questions of the following: 4x10=40

1. Define food security and poverty. What are the main causes of food insecurity?
2. What is SDG? Which goals of SDG are already achieved by Bangladesh government? How will remain target be achieved? - write your opinion.
3. Illustrate malnutrition. Discuss the relationship between malnutrition and food insecurity with a diagram.
4. What do you mean by social protection? How does social protection policies help to reduce poverty and vulnerability?
5. What is the relationship between food security and climate change? How does climate change effects on food security?
6. Write short notes on the following:
 - (i) Types of Vulnerability
 - (ii) Disaster Risk reduction (DRR) and Climate Change adaption.

-----GOOD LUCK-----

CHITTAGONG VETERINARY AND ANIMAL SCIENCES UNIVERSITY

Department of Agricultural Economics and Social Sciences

July-December Semester final Examination-2023

M.S. in Agricultural Economics

Subject: Agricultural Market Structure Analysis (Theory);

Course Code: AMS-602 (T)

Total Marks: 40; Time: 2.0 hours

Answer any four (4) questions from the followings:

1. a) Distinguish between (i) Market and marketing; (ii) Price and pricing. 1+3=4
Classify market.
- b) Write the comparison between Perfect competitive and monopolistic competition market. 3
- c) What type of market exist in Day Old Chicks (DOC) marketing system- Explain why? 2
2. a) Define cooperative marketing system. Write the forms of cooperative marketing society. 3
- b) Briefly discuss the historical background of Bangladesh Milk Producers' Co-operative Union Ltd. 5
- c) Write the challenges of cooperative marketing system in Bangladesh. 2
3. a) What is a value chain? Why it is important? 1+2=3
- b) Explain value chain vs. supply chain. 2
- c) Briefly describe the benefits of value chain management. 5
4. a) What do you mean by Price discrimination? When price discrimination is possible? 1+3=4
- b) Briefly describe the Price-output equilibrium in Discriminating monopoly. 6
5. **Write short notes on (Any four from the followings):** (2.5x4)=10
(i) Marketing MIX'. (ii) SWOT analysis; (iii) Characteristics of Oligopoly market; (iv) Market Equilibrium model; (v) Market Segmentation

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Degree of M.S. in Agricultural Economics

July-December Semester, Final Exam, 2023

Course title: Farm Management Course code: FAM-602

Total Marks: 40

Time: 2 hours

Questions are of equal value. Answer any **04 (Four)** questions of the following: 4x10=40

1. a) Suppose you are a farm manager of a poultry feed industry, what role do you play as a manager for the development of this industry?
b) Explain any two economic principles which applied to farm management.
2. a) What tools would you apply in conducting PRA?
b) Illustrate any three tools (PRA) that you can apply for collecting data for specific purpose.
3. a) Illustrate about linear programming.
b) Graphically show, what is the best combination of X_1 and X_2 , so that the company makes the maximum profit by solving the following linear programming problem?
Profit maximize $Z = 1200X_1 + 800X_2$
Subject to : $1X_1 + 2X_2 \leq 8$
 $3X_1 + 1X_2 \leq 12$
 $1X_1 + 1X_2 \leq 5$
 $X_1, X_2 \geq 0$
4. a) Distinguish between risk and uncertainty of farm management research.
b) Plan hypothetically the profitability of a layer farm, where flock size is 1500.
5. a) Explain the types of quantitative research.
b) Briefly discuss the steps of small farm management research.
6. Write short notes on:
 - (i) Partial budgeting vs complete budgeting
 - (ii) Focus group discussion (FGD)

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