Enrollment No......................................

Faculty of Agriculture
End Sem Examination May-2024
AG3CO51 Farm Management, Production & Resource Economics

Programme: B.Sc. (Hons.)   Branch/Specialisation: Agriculture

Duration: 3 Hrs.   **Maximum Marks: 50**

Note: All questions are compulsory. Internal choices, if any, are indicated. Answers of Q.1 (MCQs) should be written in full instead of only a, b, c or d. Assume suitable data if necessary. Notations and symbols have their usual meaning.

Q.1 i.   If, for example _____.   **1**
X = Unit cost of added resource
Y = Unit cost of replaced resource
Then, what is the formula of price ratio?
(a) X/Y   (b) Y/X
(c) X/Y × 100   (d) Y/X × 100

ii.   Which one of the following is an objective of farm management?   **1**
(a) Minimisation of losses and damages
(b) Minimisation of inefficiency
(c) Maximisation of profit
(d) All of these

iii. The slope of _____ denotes the price ratio between two resources.   **1**
(a) Iso-quant   (b) Iso-cost line
(c) Ridge line   (d) Expansion path

iv.   Opportunity cost is-   **1**
(a) Cost of supplementary enterprise
(b) Cost of next best alternative foregone
(c) Cost of cultivation
(d) Cost of production

v.   If the liabilities are more than the assets, it is called-   **1**
(a) Net worth   (b) Net-Income
(c) Net deficit   (d) Debt

vi. _____ is refers to preparing budget for the farm as a whole. **1**
(a) Complete budgeting   (b) Partial budgeting
(c) No budgeting   (d) Programme planning

vii. Debt-equity Ratio = **1**
(a) Total Assets – Total Liabilities
(b) Total Assets / Total Liabilities
(c) Total Liabilities / Total Assets
(d) Total Liabilities / Net worth

viii. Uncertainty is _____. **1**
(a) Measurable   (b) Not measurable
(c) Both (a) and (b)   (d) None of these

ix. For resource conservation it is necessary to- **1**
(a) Maintain balance between man and resources
(b) Rationalise use of resources
(c) Develop the resources
(d) All of these

x. Which one of the following is an exhaustible resource? **1**
(a) Coal   (b) Rain precipitation
(c) Air   (d) Tidal energy

Q.2 i. Define farm. **1**
ii. Write the properties of Iso-costline. **2**
iii. What is production function and write its types. **5**
OR iv. Write the principles of farm management. **5**

Q.3 i. Variable cost is also known as _____. **1**
ii. Define farm income and profitability. **3**
iii. Define the cost and write importance of cost in managing farm business. **4**
OR iv. Write in detail about least cost combination. **4**

Q.4 i. Write the formula of net capital ratio. **2**
ii. Define farm planning and write its steps. **6**
OR iii. Define budgeting and its type. **6**

Q.5 i. Define the risk. **2**

ii. Write the concept of uncertainty. **2**
iii. Write the difference between risk and uncertainty. **4**
OR iv. Write the sources of risks and its management strategies. **4**

Q.6 Attempt any two:
i. Write unique properties of natural resources. **4**
ii. Write differences between NRE and agricultural economics. **4**
iii. Write positive and negative externalities in agriculture. **4**

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Marking Scheme

Farm Management, Production & Resource Economics (T) - AG3CO51 (T)

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ii. Write the properties of Iso-costline. 2 Marks **2**
iii. What is production function 2 Marks **5**
  write its types 3 Marks
OR iv. Write the principles of farm management. 5 Marks **5**

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  and profitability 1.5 Marks
iii. definition of cost 1 Marks **4**
  and importance of cost in managing farm business 3 Marks
OR iv. Write in detail about least cost combination. 4 Marks **4**

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  and write its steps. 4 Marks
OR iii. Define budgeting 2 Marks **6**
  and its type 4 Marks

Q.5 i. Define the risk. 2 Marks **2**
ii. Write the concept of uncertainty. 2 Marks **2**
iii. Write the difference between risk and uncertainty. 4 Marks **4**
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Q.6 Attempt any two:
i. Write unique properties of natural resources. 4 Marks **4**
ii. Write differences between NRE and agricultural economics. 4 Marks **4**
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