

**Name of Faculty: Prof. Nadeem Kazi**  
**Subject Name: ICT For Agricultural Management**  
**Subject Code: SE-RABM-02**

**Semester: IV**  
**Credits: 3**

**Unit 1**

Sr No	Question Type	Question	Marks
1	<b>Remembering</b>	What is the full form of ICT	2
2	<b>Remembering</b>	What do you understand by Leapfrogging Technology?	2
3	<b>Remembering</b>	What is the full form of VRC	2
4	<b>Remembering</b>	Define Common Resource Center	2
5	<b>Remembering</b>	What is Community Radio?	2
1	<b>Understanding</b>	Explain the basic terminologies related to ICT	5
2	<b>Understanding</b>	Write a short note on Community Radio	5
3	<b>Understanding</b>	What are ICT enabled rural services?	5
4	<b>Understanding</b>	Write a short note on Leapfrogging Technology- Mobile Phone	5
5	<b>Understanding</b>	What do you understand by VRC?	5
1	<b>Apply</b>	How to apply various ICT enabled rural services to land, education, health, insurance, rural credit and marketing?	10
2	<b>Apply</b>	Illustrate ICT and its ramifications for rural economies	10
3	<b>Apply</b>	Demonstrate various ICT enabled rural services	10
4	<b>Apply</b>	Illustrate recent history of adoption of ICT in developing countries.	10

5	<b>Apply</b>	Illustrate uses of Tele-education and Community Radio	10
1	<b>Analyze</b>	Explain various ICT enabled rural services to land, , education, health, insurance, rural credit and marketing	10
2	<b>Analyze</b>	Explain VRC in detail.	10
3	<b>Analyze</b>	Explain ICT with suitable examples.	10
4	<b>Analyze</b>	Information and Communication Technology (ICT) plays a substantial role in developing agricultural growth. Analyze the statement.	10
5	<b>Analyze</b>	Analyze VRC and CRC	10
1	<b>Evaluate</b>	Evaluate various ICT enabled rural services to land, , education, health, insurance, rural credit and marketing	10
2	<b>Evaluate</b>	Information and Communication Technology (ICT) plays a substantial role in developing agricultural growth. Evaluate the statement.	10
3	<b>Evaluate</b>	Evaluate Tele-education and Community Radio	10
4	<b>Evaluate</b>	Summarize various ICT enabled rural services	10
5	<b>Evaluate</b>	Appraise Leapfrogging Technology- the Mobile Phone.	10

**Unit 2**

Sr No	Question Type	Question	Marks
1	<b>Remembering</b>	Enlist types of ICT	2
2	<b>Remembering</b>	Enlist advantages of ICT Information Services	2
3	<b>Remembering</b>	Define Short term productivity information services	2
4	<b>Remembering</b>	Enlist Common ICT Platforms for information services	2
5	<b>Remembering</b>	Define Risk Management Information Services	2
1	<b>Understanding</b>	Explain advantages and opportunities of ICT Information Services	5
2	<b>Understanding</b>	Explain Types of ICT	5
3	<b>Understanding</b>	Explain Short term productivity information services	5
4	<b>Understanding</b>	Explain Common ICT Platforms for information services	5
5	<b>Understanding</b>	Explain Issues and Challenges of ICT Information Services.	5
1	<b>Apply</b>	Illustrate advantages of ICT Information Services	10
2	<b>Apply</b>	Demonstrate Types of ICT	10
3	<b>Apply</b>	What are the advantages and opportunities of ICT Information Services?	10
4	<b>Apply</b>	What are uses of ICT with different aspects?	10
5	<b>Apply</b>	Demonstrate Issues and Challenges of ICT Information Services.	10

1	<b>Analyze</b>	Explain benefits of ICT Information Services	10
2	<b>Analyze</b>	Analyze uses of ICT with different aspects with suitable example	10
3	<b>Analyze</b>	Analyze advantages of ICT Information Services	10
4	<b>Analyze</b>	Analyse Common ICT Platforms for Information Services	10
1	<b>Evaluate</b>	Evaluate advantages of ICT Information Services	10
2	<b>Evaluate</b>	Summarize types of ICT Information Service.	10
3	<b>Evaluate</b>	Evaluate Short-term and Long Term Productivity information system	10
4	<b>Evaluate</b>	Evaluate challenges of ICT Information Services	10
5	<b>Evaluate</b>	Summarize use of ICT with different aspects with suitable example	10

**Unit 3**

Sr No	Question Type	Question	Marks
1	<b>Remembering</b>	What are the types of ICT For Market Access?	2
2	<b>Remembering</b>	What do you understand by Pricing services?	2
3	<b>Remembering</b>	Explain Virtual Trading Floors	2
4	<b>Remembering</b>	Explain Downstream Administration	2
5	<b>Remembering</b>	Explain upstream Administration	2
1	<b>Understanding</b>	Write a short note on ICT For Market Access	5
2	<b>Understanding</b>	Explain Advantages of ICT For Market Access	5
3	<b>Understanding</b>	Explain Challenges of ICT For Market Access	5
4	<b>Understanding</b>	Write issues and challenges for market access ICT Services	5
5	<b>Understanding</b>	Explain Virtual Trading Floors	5
1	<b>Apply</b>	Illustrate Types of Market Access ICT Service	10
2	<b>Apply</b>	What are the Advantages of ICT For Market Access	10
3	<b>Apply</b>	Explain Downstream Administration and Upstream Administration	10
4	<b>Apply</b>	Illustrate issues and challenges for market access ICT Services	10
5	<b>Apply</b>	Illustrate the opportunities for ICT	10

1	<b>Analyze</b>	Analyze the Issues and Challenges for market access ICT services.	10
2	<b>Analyze</b>	Analyze Types of Market Access ICT Service	10
3	<b>Analyze</b>	Analyze the hurdles for Market Access ICT Services.	10
4	<b>Analyze</b>	Analyze the use of ICT with different aspects with examples.	10
5	<b>Analyze</b>	Analyze common problems for information services.	10
1	<b>Evaluate</b>	Evaluate Types of Market Access ICT Service	10
2	<b>Evaluate</b>	Summarize Issues and Challenges for market access ICT services.	10
3	<b>Evaluate</b>	Explain advantages of ICT Financial Inclusion Services	10
4	<b>Evaluate</b>	Summarize hurdles for Market Access ICT Services.	10
5	<b>Evaluate</b>	Summarize ICT For Market Access	10

**Unit 4**

Sr No	Question Type	Question	Marks
1	<b>Remembering</b>	What are the Types of Financial Inclusion?	2
2	<b>Remembering</b>	What is ICT for Financial Inclusion?	2
3	<b>Remembering</b>	Define Transfer and Payments	2
4	<b>Remembering</b>	Define ICT	2
5	<b>Remembering</b>	Explain Agricultural Credit	2
1	<b>Understanding</b>	Explain Types of Financial Inclusion	5
2	<b>Understanding</b>	Explain issues and challenges of ICT financial inclusion services.	5
3	<b>Understanding</b>	What are the common ICT Platforms for financial inclusion services?	5
4	<b>Understanding</b>	Explain advantages of ICT Financial Inclusion Services	5
5	<b>Understanding</b>	Write a short note on Agricultural Credit	5
1	<b>Apply</b>	What are the advantages of ICT Financial Inclusion Services?	10
2	<b>Apply</b>	Demonstrate Types of Financial Inclusion	10
3	<b>Apply</b>	Illustrate tools and techniques used under ICT in agricultural management.	10
4	<b>Apply</b>	Illustrate common ICT Platforms for financial inclusion services?	10
5	<b>Apply</b>	Summarize Types of financial Inclusion	10

1	<b>Analyze</b>	Analyze various tools and techniques used under ICT in agricultural management.	10
2	<b>Analyze</b>	Types of financial Inclusion	10
3	<b>Analyze</b>	Analyze common ICT Platforms for financial inclusion services	10
4	<b>Analyze</b>	Analyze advantages of ICT Financial Inclusion Services	10
1	<b>Evaluate</b>	Evaluate Common ICT Platforms for Information Services	10
3	<b>Evaluate</b>	Summarize advantages of ICT Financial Inclusion Services	10
4	<b>Evaluate</b>	Evaluate Types of Financial Inclusion	10
5	<b>Evaluate</b>	Evaluate various tools and techniques used under ICT in agricultural management.	10



**Unit 5**

Sr No	Question Type	Question	Marks
1	<b>Remembering</b>	What is the full form of GIS	2
2	<b>Remembering</b>	What do you understand by GPS?	2
3	<b>Remembering</b>	What is GIS Approach?	2
4	<b>Remembering</b>	What is Remote Sensing?	2
5	<b>Remembering</b>	Define Image Processing.	2
1	<b>Understanding</b>	Write a note on GIS Approach	5
2	<b>Understanding</b>	Explain GIS Applications in Micro Resource Mapping.	5
3	<b>Understanding</b>	Explain GIS and Precision Farming	5
4	<b>Understanding</b>	Explain Remote sensing and Image Processing	5
5	<b>Understanding</b>	Write a note on GIS Data Modelling	5
1	<b>Apply</b>	Illustrate the concept of Geographical Information Systems	10
2	<b>Apply</b>	What are various GIS applications in micro finance mapping?	10
3	<b>Apply</b>	Illustrate an overview of GIS.	10
4	<b>Apply</b>	What are the GIS applications in micro resource mapping?	10

5	<b>Apply</b>	Demonstrate various GIS applications in micro finance mapping.	10
1	<b>Analyze</b>	Explain the Concept of GIS with examples	10
2	<b>Analyze</b>	Analyze the different tools and techniques used under ICT in Agricultural Management.	10
3	<b>Analyze</b>	Analyze the concept of Geographical Information Systems	10
4	<b>Analyze</b>	Analyze the concept of Remote Sensing and Image Processing	10
5	<b>Analyze</b>	Explain GIS applications in micro resource mapping	10
1	<b>Evaluate</b>	Summarize the Concept of GIS	10
2	<b>Evaluate</b>	Evaluate an overview of GIS.	10
3	<b>Evaluate</b>	Evaluate principles in micro planning	10
4	<b>Evaluate</b>	Summarize the concept of Geographical Information Systems	10
5	<b>Evaluate</b>	Choose the right ICT as per the requirement of agricultural activity.	10