

Objective Questions Of Agricultural Extension Education

“Indira’s Objective Agronomy” 3rd Revised Ed. for competitive examinations in agronomy discipline contain 16 chapters covering all related discipline. Each chapters contains multiple choice questions and total about 8000 objective questions with multiple choice have been framed and arranged sequentially for the easy understanding of the students. Recent information and development in the field of agronomy have been incorporated in the text. Thus this book is based on the syllabus of student of agronomy stream, it may be useful not only to students but also teachers, researchers and development officers for reference and easy answering of many complicated questions. The chapters are chosen in view to cover the course contents of competitive examinations like IAS, IFS, ARS, PCS and Banking services of agricultural subjects particular in agronomy. The entire book is prepared in most simple, clear and talking language so that the contents could be easily followed by the readers.

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The Training and Visit (T&V) system of management was introduced in Kenya by the World Bank in 1982 as a pilot, which became effective in 1991. The two Bank Extension Projects that supported the T&V system sought to increase agricultural productivity and develop the institutions of the extension service. Whether the extension approach is effective or not became a subject for debate. The costs appear to be high and the impact on agricultural production low. This volume evaluates the impact of the system based on a credible body of empirical evidence. It identifies the system's deficiencies and makes recommendations for improvement.

The number of objective questions: representing from vast canvas of agriculture runs into thousands thus covering a wide spectrum of subject matter. The book begins with general agriculture and almost covers exhaustive outlines of all the important facts. Any specific interest for furthering the knowledge is facilitated by twenty different sub subjects of agricultural sciences namely: Agriculture (General), Ecology, Plant Genetics Resources, Agricultural Meteorology, Farm Machinery Engineering, Soil Science, Agricultural Extension, Genetics, Soil Water Conservation Engineering, Agricultural Economics, ICT & Remote Sensing in Agriculture, Statistics, Agronomy, Microbiology, Watershed Engineering, Biotechnology, Nematology, Model and IARI Sample Papers, Breeding, Pathology, Entomology, Physiology, Environmental Science. The questions in the specific chapters range chapters from basics to some in-depth, conceptual questions. The questions have been further facilitated with answers being given at the same place. Finally there are model test papers to particularly address the concerns of examinees. The book is exhaustive and covers the entire gamut of examination pattern in agriculture and will prove to be a worthy companion for the examinees. The general coverage of the book will enable a reader to prepare for a vast range of syllabi and examinations. It is believed that the present book is very powerful in terms of its general exhaustively and also in terms of its subject selection.

This important book is the re-titled third edition of the extremely well received and widely used Agricultural Extension (van den Ban & Hawkins, 1988, 1996). Building on the previous editions, Communication for Rural Innovation maintains and adapts the insights and conceptual models of value today, while reflecting many new ideas, angles and modes of thinking concerning how agricultural extension is taught and carried through today. Since the previous edition of the book, the number and type of organisations that apply communicative strategies to foster change and development in agriculture and resource management has become much more varied and this book is aimed at those who use communication to facilitate change in agriculture and resource management. Communication for Rural Innovation is essential reading for process facilitators, communication division personnel, knowledge managers, training officers, consultants, policy makers, extension specialists and managers of agricultural extension or research organisations. The book can also be used as an advanced introduction into issues of communicative intervention at BSc or MSc level.

This publication reviews key trends and policy developments aimed at reforming agricultural extension systems, in order to address issues of food security, poverty alleviation and rural sustainable development. It highlights the importance of the public sector in promoting rural development through extension and communication. A number of recommendations are made for developing countries, which seek to encourage institutional reforms and dialogue among diverse providers of extension services, all aimed at advancing livelihoods and income generation of poor rural people.

Multiple Choice Questions in Agricultural Extension For JRF, ARS/NET, SRF Exams

The book on “MCQ’s in Plant Breeding, Biotechnology and Seed Science” has been prepared with the idea of exposing the students those who are preparing for the competitive examinations like Agricultural Research Services, NET, Public Service Commissions, Institute of Banking Personnel Selection, University and Institute admissions etc. It has three major parts viz., Plant Breeding, Biotechnology and Seed Science. The book has 80 chapters consisting more than 3000 multiple choice questions with answers. Genetics, breeding methods, resistance breeding, mutation breeding and polyploidy breeding in Plant Breeding; cell biology, molecular biology, tissue culture, animal biotechnology and bioinformatics in Biotechnology; and seed formation, biology, production, post harvest processing, storage, health, marketing and legislation in Seed Science are some of the important chapters covered in the book. The book is prepared with latest informations and therefore, it will be highly useful to the teachers, scientists and students for updating their knowledge.

The book covers recent trends in Farm Machinery, Farm Power, Renewable energy and Engineering Mechanics. It will be beneficial to students of B.Tech (Agriculture Engineering), M.Tech. (Farm Machinery & Power as well as Renewable Energy).

The 2nd Fully Revised Edition of the very well accepted book contains all the relevant, updated and revised topics including current and emerging areas pertaining to extension science which includes Concepts and Principles of Extension, Rural Sociology and Psychology, Research Methodology, Developmental Schemes in India, Management, Programme Planning and Evaluation, Process of Communication, Information and Communication Technology, Diffusion of Innovation, Training for Development, Farm Journalism, Women empowerment and Gender Mainstreaming. The data has been fully updated with years clearly marked against each to avoid confusion. Students who are aspiring to become experts in the field of Extension Science, this book will be quite helpful for them to prepare for all competitive exams including ARS and PG entrance examination in addition to equipping them in all the dimensions of extension education.

Agricultural extension is one of the youngest disciplines of agriculture. The discipline over years gained much importance as it is primarily concerned with the transfer of research output to the end users. The increasing importance of the discipline also attracted a number of students to do their specialization in this area.

'Fundamentals of Agriculture' for competitive exams in agriculture discipline contains 6 chapters in volume I and 7 chapters in volume II covering all disciplines of agriculture. The chapters included General Agriculture, Agricultural Climatology, Genetics, Plant Breeding & Biotechnology, Plant Physiology & Biochemistry, Seed Technology and Agronomy in volume I and Soil Science & Agricultural Microbiology, Horticulture, Entomology, Plant Pathology, Agriculture Extension, Agriculture Economics and Agriculture Statistics in Volume II have given due importance and whole syllabus is covered as per ICAR/SAUs syllabus and guidelines. Each chapters contains very short types of descriptive questions. Recent precise information and development in the field of agriculture have been incorporated in the book. For the overall benefit of the student in the discipline of agriculture we have made this book exclusively in such a way that it hands out not only solutions but also detailed explanations. Though these detailed and thorough explanation, student can learn the concepts which will enhance their thinking and learning ability. Thus this book may be useful not only to students but also teachers, researchers, extension workers and development officers for reference and easy answering of many complicated questions of all related disciplines of agriculture. Fundamentals of Agriculture covers the course contents of competitive examinations like IAS, IFS, PCS, ARS, Banking services, B.Sc./M.Sc./Ph.D. (Ag) admission, states and national levels of different competitions in agriculture. The entire book is prepared in most simple, clear, talking language, comprehensive and short descriptive types of questions so that the concepts could be easily understand by the readers in short times. Hence, this book can solve as a single platform for preparation of different competitive examinations in agriculture.

Indira's Objective Agriculture for competitive exams in agriculture discipline contain 21 chapters covering all related discipline. The chapters included such as: General agriculture, Agricultural climatology, Genetics and plant breeding, Agricultural biotechnology, Plant physiology, Plant biochemistry, Agricultural microbiology, Seed science, Agronomy, Soil science, Entomology, Plant pathology, Horticulture, Agricultural extension, Agricultural economics, Animal husbandry and dairying, Agricultural statistics, Research methodology and appendix have been given due importance and whole syllabus was covered as per ICAR syllabus and guidelines. Each chapter contains multiple choice questions and total about 25 thousand objective questions with multiple choice have been framed and arranged sequentially for the easy understanding of the students. Recent information and development in the field of agriculture have been incorporated in the book. Thus this book is based on the syllabus of student of agricultural stream, it may be useful not only to students but also teachers, researchers, extension workers and development officers for reference and easy answering of many complicated questions. The chapters are chosen in view to cover the course contents of competitive examinations like IAS, IFS, ARS, PCS, Banking services, states and national levels of different competition in agricultural subjects. The entire book is prepared in most simple, clear and talking language so that the contents could be easily understand by the readers. Hence this book can serve as a single platform for preparation of different competitive examinations in agriculture.

Indira's objective agriculture includes general agriculture, agricultural climatology, genetics and plant breeding, agricultural biotechnology, plant physiology, plant biochemistry, agricultural microbiology, seed science, agronomy, soil science, entomology, plant pathology, horticulture, agricultural extension, agricultural economics, animal husbandry and dairying, agricultural statistics, research methodology, agroforestry, fish culture/pisciculture and appendix have been given due importance and whole syllabus was covered as per ICAR syllabus and guidelines.

This publication contains twelve modules which cover a selection of major reform measures in agricultural extension being promulgated and implemented internationally, such as linking farmers to markets, making advisory services more demand-driven, promoting pluralistic advisory systems, and enhancing the role of advisory services within agricultural innovation systems. The reform issues consider the changing roles of the various public, private and non-governmental providers, and highlights the collaboration required to create synergies for more efficient and effective high quality services responding to the needs and demands of smallholder farmers. The modules draw on reform experiences worldwide and provide an introduction, definitions and a discussion for each specific reform measure, as well as case studies, tools, exercises and a reference list. The reform topics are envisaged for policy-makers, management and senior staff of institutions providing agricultural and rural advisory services. It can also be very useful for students studying agriculture, rural development, and extension in particular. This is a substantially updated version of the 2009 publication of the same title, but with only nine modules. These nine modules were restructured and up-dated, and three modules were added. The layout of the modules changed to allow a better overview for the reader.

Agricultural Extension is the application of scientific research and knowledge to agricultural practices through farmer education. It plays a crucial role in promoting agricultural productivity, increasing food security, improving rural livelihoods, and promoting agriculture for the economic growth of every country. The study of Agricultural Extension as a subject is interwoven with different concepts, facts and figures. The objective of preparing this book is to help the readers to quickly grasp the concepts in a comprehensive, systematic and effective manner. The compilation of this book is mainly to present the relevant concepts being asked in various examinations being conducted by ASRB, ARS, SRF, JRF/NET and other entrance examinations. The concepts under each heading gives an overall idea about different aspects of Agricultural Extension. It gives insights and acts as a quick guide on Agricultural Extension. Moreover, the abbreviations given at the end will give the candidates an overall idea about the questions being asked in competitive examinations. Since efforts were made to compile the reliable information, there may be some important concepts be missing. If so, the readers are welcome to give their valuable suggestions and to point out errors, if any, for improving the quality of the book.

The knowledge on Agriculture is continuously improved, updated, and disseminated. It is also important that the review and inventory of the 'State of the Art' in agriculture

objectives questions and best practices should be shared widely among agriculture practitioners, educators and scholars. Through Competitive Examinations, there is direct recruitment for admission and high position in our education system; the pattern followed is M.C.Q's or Objective type questions in such examinations. The book is a repository of more than 6,000 objective questions; which calls for quick answering for success within a specified period in the examinations. A sincere effort has been made by different authors to present them in most easy, short and understandable language for the benefit of students, teachers and those who are interested in Agriculture and Agricultural Extension. Majorly, all different aspects of Agriculture Discipline are provided in the book, which are a part of various Agricultural Universities syllabi. This book will be of great service, to the students aiming for higher level competitive examination such as NET, ARS, JRF, SRF, UG and PG entrance examinations.

The present book "Key Notes on Horticulture and Agriculture Extension" has been designed to fulfill this long felt need of students, teachers, researchers and aspirants of competitive examinations. It is designed in such a way that give rapid, easy access to the core materials in a short format which facilitates easily learning and rapid revision. The book carries fundamentals of Horticulture and Agriculture Extension. The book is divided in two parts. The Part A of the book is Key Notes on Horticulture and the Part B of the book is on Key Notes on Agriculture Extension. The most recent information is provided along with a detailed list of references for further reading. Hope this book would be highly useful for graduate and post-graduate students of agriculture, teachers and researchers. This book will also useful for the aspirants of various competitive examinations such as Agricultural Research Service (ARS), ICAR- National Eligibility Test (NET), State Eligibility Test (SET), Junior Research Fellowship (JRF), Senior Research Fellowship (SRF), Civil Services, Allied Agricultural Examinations and Extension Workers for reference and easy answers of many complicated questions. Thus it is expected that this book will adequately meet the need of wider circle of students and readers for preparing their professional career.

This book has been written to meet the specific needs of candidates appearing in Agriculture Research Services, CSIR, TIFR/NCBS, IISc (Bangalore), GATE, IIT-JAM, JRF, SRF, and Biology Olympiads and other competitive examinations. A large number of mind-boggling questions of advance levels are presented. We have tried our best with wide array of questions covering minutest details of the subject in simpler form. Objective Plant Physiology is an exclusive fundamental search based collection of multiple choice questions prepared for students mainly to help them revise, consolidate and improve their knowledge and skills. The book comprises of twenty nine chapters covering different aspects of plant physiology containing more than 2650 questions accompanied with their answers.

India, being an agrarian society, has always regarded agriculture as the back-bone of her economy. Time and again, the agriculture sector has highlighted its importance by contribution towards the overall growth of the whole nation. Agricultural science is a broad multidisciplinary field of biology that encompasses the parts of exact, natural, economic and social sciences that are used in the practice and understanding of agriculture. As the book name suggests "Master Guide Agriculture Science" covering various sections viz. Principle of Crop Production, Gardening Science, Soil Science, Soil Fertility and Fertilizers, Agricultural Economics, Genetics of Plant Breeding, Plant Pathology and Entomology, etc. The study guide provides the complete syllabus into 8 Units in total that are further divided into 22 Chapters giving complete theory in Chapterwise manner, sufficient number of MCQs has been incorporated in each chapter. Apart from theory stuff this book also concentrates on the practice part providing Latest question papers of various exams. The book will be equally useful for UPSC, State PSCs, ARS, JRF, NET & BHU which covers the subject of Agriculture Science. As the book contains ample number study as well as practice material, it for sure will help the aspirants score high in the upcoming examinations. TABLE OF CONTENT UNIT- 1: agriculture Science, UINIT- 2: Gardening, UNIT- 3: Genetics and Plant Breeding, UNIT- 4: Soil Science and Fertility and Fertilizers, UNIT- 5: Plant Pathology and Entomology, UNIT- 6: Agriculture Extensions and Agricultural Economics, UNIT- 7: Agricultural Statistics, UNIT- 8: Animal Science and Dairy Science, Glossary, Question Papers: FSO Food Safety Officer Exam 2019, AAO Assistant Agriculture Officer Exam 2018, BHU MSc. Agriculture Entrance Exam 2017.

Indira's objective agricultural extension for competitive exams. This book includes introduction, historical perspective in relation to agriculture and extension, extension principles, approaches and programming, extension education, teaching and methods, extension learning evaluation, communication and communication technology, audio-visual aids, innovation, evaluation and adoption, participatory rural appraisal, rural development and panchayati raj, economic principle, sociology and social work, training manual, agricultural statistics and appendix. This book has given due importance and whole syllabus was covered as per UGC, ICAR and SAU's programmes in relation to agriculture extension.

Indira's objective agronomy for competitive exams. Includes General agriculture, agricultural climatology, plant physiology, seed science, agronomy, soil and nutrient management, insect/pest management, disease management, agricultural extension & communication, farm management, agricultural statistics, agricultural engineering and appendix have been given due importance and whole syllabus was covered.

This covers almost all the topics as well as contents in a very sequential manner which is prime need of students as well as going to create interest. It is indeed going to satisfy the urgent needs of under-graduates and post-graduate students in agricultural discipline who are preparing for entrance examination.

Indira's objective agronomy for competitive exams. This book includes General agriculture, agricultural climatology, plant physiology, seed science, agronomy, soil and nutrient management, insect/pest management, disease management, agricultural extension & communication, farm management, agricultural statistics, agricultural engineering and appendix have been given due importance and whole syllabus was covered.

Education MCQ is usefull for TGT PGT GIV KVS DSSSB NVS Education, RPSC UPPSC HPSC HSSC JPSC CGPSC BPSC MPPSC PGT, UGC CBSE NTA NET JRF, PGT Teacher Selection exam. Visit <https://www.gatecseit.in/> for more questions.

The competitive examinations have become a routine procedure of recruitment and admissions for higher position and education. Now-a-days a large number of short/objective type questions appear in the examination. These questions call for quick answering for success within a specified short period of time. A sincere effort has been made by the authors to present them in most

easy, short and understandable language for the benefit, students, farmers and those who are interested in agriculture and agricultural extension. “Indira’s Objective Agricultural Extension” for competitive exams in agricultural extension discipline contain 15 chapters covering all related discipline. The chapters included such as: Introduction, historical perspective in relation to agriculture and extension, extension principles, approaches and programming, extension education, teaching and methods, extension learning and evaluation, communication and communication technology, audio - visual aids, innovation, evaluation and adoption, participatory rural appraisal, rural development and panchayati raj, economic principle, sociology and social work, training manual, agricultural statistics and appendix. This book has given due importance and whole syllabus was covered as per UGC, ICAR and SAU’s programmes in relation to agriculture extension. Each chapters contains multiple choice questions and total about 9000 objective questions with multiple choice have been framed and arranged sequentially for the easy understanding of the students. Recent information and development in the field of agriculture extension have been incorporated in the text. This book is primarily intended to serve as a appearing in competitive examinations of undergraduate, post graduate and doctorate programmes in agricultural extension of various universities. Thus this book is based on the syllabus of student of agriculture stream, it may be useful not only to students but also teachers, researchers as well as extension workers. The chapters are chosen in view to cover the course contents of competitive examinations like IAS, IFS, ARS, PCS, Banking, SAU’s, UGC and to get admissions in various degree programmes of SAU’s and other universities. This book will fulfill the requirement of students of agriculture and agricultural extension stream for appearing in different competitive examinations.

The book is a compilation work and questions are substantially acquired from different competitive exams. A wide coverage of entire subject divided into nine chapters viz. Introduction to Agricultural Extension, Agricultural Communication, Media and Information Technology, Programme, Planning and Rural Development in Agriculture, Management in Agricultural Extension, Training and Research Methodology, Adult Education, Rural Sociology and Educational Psychology, Entrepreneurial Development and Elementary Statistics. This book consists of chapter-wise objective type questions like Multiple Choice, Fill in the Blanks and Mark True or False will enable the readers to update their knowledge quickly. Glossary are given at the end for ready reference. This book would be very useful for those appearing for various competitive examination, like post-graduate, SAUs Entrance, Ph.D. JRF, ARS, ICAR- NET, SET, Agricultural Officer, Bank (PO) (Agriculture), ADO and Allied Agricultural Examinations conducted by different agencies.

The Farmer Field School (FFS) originated in the 1980s in the context of integrated pest management in Indonesian rice farming. With the hope that it is the remedy for agricultural extension system, FFS has been promoted as a tool for participatory learning and experimentation all over the world. This work results from a critical analysis of the introduction of the FFS concept into the agricultural innovation system in Uganda. Ideally, an FFS produces new technical knowledge in the context of application through the input of local human resources. The analysis, framed as a technography, shows that implementation and operation of an FFS is hugely complex. This detailed study of institutional factors, from the level of international donor organizations down to the level of local leadership and gender relations, and analysis of technical factors in different rural areas of Uganda makes clear that and FFS is more than a local tool for farmer participation in agricultural improvement. Implementation of a FFS requires adjustment of the agricultural innovation system at all levels and an integrated tackling of agricultural problems in order to meet its objectives. Isubikalu shows that it is imperative to 'demolish' existing organizational structures and create new ones, which align scientific with local structures to produce an appropriate people-centered system that is more responsive to agricultural and rural development. She provides stepping stones in redesigning FFS to fit the specific conditions in Uganda. Agricultural transformation and development are critical to the livelihoods of more than a billion small-scale farmers and other rural people in developing countries. Extension and advisory services play an important role in such transformation and can assist farmers with advice and information, brokering and facilitating innovations and relationships, and dealing with risks and disasters. Agricultural Extension: Global Status and Performance in Selected Countries provides a global overview of agricultural extension and advisory services, assesses and compares extension systems at the national and regional levels, examines the performance of extension approaches in a selected set of country cases, and shares lessons and policy insights. Drawing on both primary and secondary data, the book contributes to the literature on extension by applying a common and comprehensive framework — the “best-fit” approach — to assessments of extension systems, which allows for comparison across cases and geographies. Insights from the research support reforms — in governance, capacity, management, and advisory methods — to improve outcomes, enhance financial sustainability, and achieve greater scale. Agricultural Extension should be a valuable resource for policymakers, extension practitioners, and others concerned with agricultural development.

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