Read free Karnataka state open university .pdf

Technology for Efficient Learner Support Services in Distance Education Handbook of Research on Ethical Challenges in Higher Education Leadership and Administration Open and Distance Education in Asia, Africa and the Middle East National Education Policy:2020 -A Critical Review Higher Education & Digital Learning in the Disruptive Era NTA UGC NET/JRF/SET Teaching & Research Aptitude Paper 1 2021 Open Source Technology: Concepts, Methodologies, Tools, and Applications Professionalism in Teacher Education Cases on Distance Delivery and Learning Outcomes: Emerging Trends and Programs Cases on Online Tutoring, Mentoring, and Educational Services: Practices and Applications Social Work Education Through Open And Distance Learning Encyclopedia of Distance Learning Secondary, Higher Secondary and Higher Education - Reference Book Open Learning System In India Research Anthology on Business and Technical Education in the Information Era TEACHING & RESEARCH APTITUDE (2020-21 NTA UGC-NET) EDUCATIONAL ADMINISTRATION AND MANAGEMENT Open and Distance Learning Initiatives for Sustainable Development Academic and Administrative Executives. Volume - I Dictionary of Education Higher Education Through Open and Distance Learning Distance edu Different Countries Most Expected MCQ on Paper 1 International Handbook of Distance Education Open and Distance Learning in the Developing World Strategies for Sustainable Open and Distance Learning International Student Recruitment and Mobility in Non-Anglophone Countries History of Education Administration Distance and Blended Learning in Asia Selected Speeches of Dr. D. Swaminadhan Gender and Diversity: Concepts, Methodologies, Tools, and Applications Managing Next Generation Library System in Networked and Digital Environment Cases on Online Learning Communities and Beyond: Investigations and Applications Concise Encyclopaedia of India Universalization of Higher Education Economics of Distance and Online Learning 2024-25 NTA UGC-NET/JRF Teaching & Research Aptitude Solved Papers Handbook of Research on the Global View of Open Access and Scholarly Communications An Introduction to the Social Geography of India The Career

Technology for Efficient Learner Support Services in Distance Education

2018-09-26

this book explores the ways in which technology is being used by various open universities in developing countries to extend learner support services to distance learners it shares the best practices being followed by different open universities so that these may be replicated by other universities it provides an overview of the use of various digital technologies e learning tools elearning platforms virtual learning environments and synchronous and asynchronous technologies in open and distance learning odl systems moreover it discusses the importance of odl systems in providing inclusive education in developing countries through the use of ict with a special focus on adult rural and elderly learners as well as the role of technology in science education through odl system a transformative model of sustainable collaborative learning is presented integrating concepts based on theoretical frameworks to increase the flexibility and solve existing issues in developing countries which may be used for policy changes in distance learning it concludes by examining various challenges in successfully implementing technology for effective delivery of learner support services in distance education systems in developing countries and exploring the strategies required to overcome these challenges

Handbook of Research on Ethical Challenges in Higher Education Leadership and Administration

2020-04-03

higher education institutions are more so than other organizations deeply complex and they present a unique challenge to their leaders and administrators the unique complexities of higher education call for governance founded on thoughtful consideration of leadership practices theory and styles that reflect the values of the institution and its mission embedded in a rapidly changing society the future of higher education leadership and administration is necessarily dynamic and demands a strong ethical core to guide research knowledge production and organizational behavior thehandbook of research on ethical challenges in higher education leadership and administration is a cutting edge research publication that examines leadership ethics that higher education institutions must employ to be proactive visionary and ethically sound the publication covers the importance of leadership ethics in higher education as well as the foundation for developing frameworks in which to ground the presence of leadership ethics in higher education featuring a wide range of topics such as distance education free speech and leadership this book is ideal for librarians academicians administrators researchers education professionals policymakers and students

Open and Distance Education in Asia, Africa and the Middle East

2019-02-18

this book is open access under a cc by 4 0 license this book describes the history structure and institutions of open and distance education in six countries china india russia turkey south africa and south korea it describes how open and distance education is evolving in a digital age to reflect the needs and circumstances of the national higher education systems in these countries it also explores the similarities and differences between how their open and distance higher education systems are managed and structured this book is the second in a series following open and distance education in australia europe and the americas springer 2018 both books compare and draw conclusions about the nature of open and distance education in the context of various national higher education systems in a digital era characterized by the growing use of online open and distance education this book will prove particularly valuable for policy makers and senior administrators who want to learn about establishing or expanding open and distance education services in addition it offers a valuable reference guide for researchers academics and students interested in understanding the different approaches to open and distance education

National Education Policy:2020 -A Critical Review

2021-08-02

higher education and digital learning in the disruptive era is a compilation of works on higher education at the crossroads undergoing numerous challenges resultant of the coinciding of the digital revolution ir 4 0 and the covid 19 pandemic this book is accessible and helps those interested in higher education governance and application to understand the nuances of this era s contemporary challenges to higher education institutions this book is provides an insightful analysis of the impact of digital disruption on higher education globally from the acceptance of digital skills to governance of online education it covers a range of important topics and offers valuable insights for educators policymakers researchers students and other stakeholders in higher education seeking an overview of contemporary challenges in the field

Higher Education & Digital Learning in the Disruptive Era

2024-06-07

1 the whole syllabus of general paper 1 is divided into 10 sections 2 every topic is well explained 3 every chapter of each unit consists of previous years solved paper 4 more than 3000 mcqs are designed exactly on the lines of paper 5 previous years solved papers 2020 2019 are provided to give hints and base for preparation 6 5 practice sets are given for the self assessment to track the level preparedness every year approx 10 lakh candidates register for nta ugc exam to become a lecturer or researcher in various fields if you are keen to pursue a career in the lectureship then appearing in nta ugc net exam will be the best decision the newly updated and well revised nta ugc net set jrf teaching and research aptitude paper 1 has been designed under the guidance of many subject experts following the content according to the latest syllabus pattern of the exam dividing the entire syllabus under 10 units discussing and elaborating each chapter in easy understanding language supported with examples flowcharts figures diagrams etc other than theory it has ample number of questions with more than 3000 chapterwise unitwise mcqs for complete practice chapter unitwise previous years papers 2014 2019 5 practice sets are given with online practice and 2020 2019 solved papers are provided with detailed explanations this book for general english paper 1 gives a complete account of teaching and research aptitude to score maximum in this compulsory paper toc solved paper december 2020 shift i solved paper december 2020 shift ii solved paper june 2018 solved paper december 2019 solved paper july 2018 unit 1 teaching aptitude unit 2 research aptitude unit 3 comprehension unit 4 communication unit 5 mathematical reasoning and aptitude unit 6 logical reasoning unit 7 data interpretation unit 8 information and communication technology unit 9 people development and environment unit 10 higher education system practice sets 1 5

NTA UGC NET/JRF/SET Teaching & Research Aptitude Paper 1 2021

2021-02-14

the pervasiveness of and universal access to modern information and communication technologies has enabled a popular new paradigm in the dissemination of information art and ideas now instead of relying on a finite number of content providers to control the flow of information users can generate and disseminate their own content for a wider audience open source technology concepts methodologies tools and applications investigates examples and methodologies in user generated and freely accessible content available through electronic and online media with applications in education government entertainment and more the technologies explored in these volumes will provide a comprehensive reference for web designers software developers and practitioners in a wide variety of fields and disciplines

Open Source Technology: Concepts, Methodologies, Tools, and Applications

2014-11-30

papers presented at the 39th annual conference of the indian association of teacher educators held at allahabad during 10 11 february 2006

Professionalism in Teacher Education

2010

this book provides practitioners in the field of distance education a case book that is a valuable reference of best practices in the field provided by publisher

Cases on Distance Delivery and Learning Outcomes: Emerging Trends and Programs

2009-10-31

this book examines the rapidly developing sector of online tutoring and mentoring featuring case studies of the adaptation of university based programs for tutoring and mentoring provided by publisher

Cases on Online Tutoring, Mentoring, and Educational Services: Practices and Applications

2009-10-31

this encyclopedia offers the most comprehensive coverage of the issues concepts trends and technologies of distance learning more than 450 international contributors from over 50 countries provided by publisher

Social Work Education Through Open And Distance Learning

2005-04-30

explore educational progression secondary to higher education by dr ananya kapoor for a detailed examination of the seamless transition and challenges across secondary higher secondary and higher education levels

Encyclopedia of Distance Learning

2019-12-02

the fourth industrial revolution has disrupted businesses worldwide through the introduction of highly automated processes this disruption has affected the way in which companies conduct business impacting everything from managerial styles to resource allocations to necessary new skillsets as the business world continues to change and evolve it is imperative that business education strategies are continuously revised and updated in order to adequately prepare students who will be entering the workforce as future entrepreneurs executives and marketers among other careers the research anthology on business and technical education in the information era is a vital reference source that examines the latest scholarly material on pedagogical approaches in finance management marketing international business and other fields it also explores the implementation of curriculum development and instructional design strategies for technical education highlighting a range of topics such as business process management skill development and educational models this multi volume book is ideally designed for business managers business and technical educators entrepreneurs academicians upper level students and researchers

Secondary, Higher Secondary and Higher Education – Reference Book

1993

2020 21 nta ugc net compulsory papers 1 teaching research aptitude solved papers

Open Learning System In India

2021-01-08

management today is not a new concept instead it is something that touches every aspect of modern life with this premise this book on educational administration and management provides a comprehensive coverage of all concepts of educational management for teacher training courses be it planning strategizing or human and material resource supervision to implement structures to execute an effective education system it serves as a sound base to understand and command all managerial and administrative aspects of educational organizations it covers the updated knowledge base on participative management change management tqm decision making leadership supervision planning organizational climate organizational development educational finance and other important issues related to educational management the book is written in simple and lucid style using figures and tables wherever necessary chapter end questions and mcqs are provided for self assessment list of abbreviations is given for clear understanding of the terms target audience the book is primarily suitable for the paper educational administration and management of b ed students it is also useful for ba education m ed ma education for their various papers dealing with indian education structure education in indian constitution educational organizations agencies in india and indian educational administration those preparing for net jrf and higher education services commission of various states can also make use of it

Research Anthology on Business and Technical Education in the Information Era

2022-09-01

education plays a vital role in the positive development of communities at both a local and global level by becoming more informed citizens can make better contributions to society open and distance learning initiatives for sustainable development is a critical reference source for emerging academic perspectives on the role of higher education programs in contemporary society including a range of pertinent topics such as mobile learning environmental education and community building this book is ideally designed for educators researchers students and professionals interested in the intersection between sustainable development and education

TEACHING & RESEARCH APTITUDE (2020-21 NTA UGC-NET)

2017-06-27

all india survey on higher education aishe was initiated in 2011 during which data for the year 2010 11 was collected the survey was utmost necessary as none of the source of data on higher education was giving complete picture of higher education in the country also there were many important parameters on which data is required for policy making but either no data was available or incomplete data was available for the first time all the major stakeholders in higher education such as university grants commissions all india council for technical education medical council of india as well as state governments participated in the data collection exercise the entire survey was conducted through electronic mode and a dedicated portal aishe gov in was developed for the purpose thus making the exercise completely paperless the survey covered all the institutions in the country engaged in imparting the higher education data is being collected on several parameters such as teachers student enrolment programmes examination results education finance infrastructure etc indicators of educational development such as institution density gross enrolment ratio pupil teacher ratio gender parity index etc are calculated from the data collected through aishe these are useful in making informed policy decisions and research for development of education sector

EDUCATIONAL ADMINISTRATION AND MANAGEMENT

2022-12-02

this dictionary s focus is on current and evolving terminology specific to the broad field of education although terms from closely related fields used in the context of education are also included encompassing the history of education as well its future trends will aid in the understanding and use of terms as they apply to contemporary educational research practice and theory the dictionary aims to provide a starting point for inquiry and does not claim to be exhaustive or comprehensive to some of the key terms and concepts in education it not only caters to the needs of students on education courses but is also be useful for others who have an interest in education

Open and Distance Learning Initiatives for Sustainable Development

2016-01-01

published in association with the commonwealth of learning open and distance learning has expanded dramatically in recent years across the world across the spectrum of subject areas and across educational levels this book takes a detailed look at the state of the art of open and distance learning in higher education and presents a fascinating picture of a world and its educational culture in transition this edited collection contains authoritative analyses of key issues together with current accounts of practice in each region of the world it includes open and distance learning in relation to internationalisation lifelong learning and flexible learning costs of distance education the impact of telecommunications applications of open and distance learning in africa the americas asia europe and oceania it draws together experts in the field from all over the world and has a truly international perspective on the phenomenon of open and distance learning its unparalleled breadth of coverage makes it an indispensable work of reference for experts and newcomers alike

Academic and Administrative Executives. Volume - I

2002-09-11

this book most expected mcq on paper 1 was created using the most up to date syllabus and pattern for the ugc net general paper 1 the book is organized into ten units according to the latest syllabus teaching aptitude research aptitude comprehension communication mathematical reasoning and aptitude logical reasoning data interpretation information and communication technology people and environment and higher education system features of the book comprehensive coverage the book covers all aspects of general paper 1 ensuring that readers have a thorough understanding of the subject it includes theories models strategies and methodologies relevant to the exam practice questions with over 3000 multiple choice questions mcqs the book provides ample practice opportunities for readers these questions cover a wide range of topics to test the reader s knowledge and understanding answer keys and explanations the book would provide detailed answer keys and explanations for all the mcqs to help readers understand the correct answer and the reasoning behind it pedagogical approach the book adopts a pedagogical approach presenting information in a structured and organized manner with clear and concise explanations of key concepts exam oriented approach the book is specifically tailored to cater to the needs of candidates preparing for competitive exams that include general paper 1 questions whether you are appearing for nta ugc net jrf pgt tgt ctet gic b ed m ed ph d or other similar exams this book will help you prepare effectively

Dictionary of Education

2007

distance education is arguably one of the major developments in education during the 20th century this title explores the array of distance education theories and practices as they have been shaped by the late 20th century and then positions these in terms of the contemporary circumstances of the 21st century

Higher Education Through Open and Distance Learning

2023-06-18

this revised and updated edition of open and distance learning in the developing world sets the expansion of distance education in the context of general educational change and explores its use for basic and non formal education schooling teacher training and higher education engaging with a range of topics this comprehensive overview includes new material on non formal education mass communication approaches to education about hiv aids and recent literacy work in india south africa and zambia schooling new research projects in open schooling in asia and subsaharan africa and interactive radio instruction in south africa the impact of new technology and globalisation learning delivered through the internet and mobile learning the political economy international agencies the role of private sector and funding with its critical appraisal of the facts and examination of data about effectiveness this book provides answers to problems and poses key questions for the consideration of policy makers educational practitioners and all professionals involved in implementing and delivering sustainable open and distance learning

Distance edu Different Countries

2008-02-13

adaptability and the ability to handle rapid and ongoing change are essential for successfully managing any modern educational enterprise and open and distance learning is no exception in an often over looked field this volume examines the nature of sustainability in open and distance learning using case material from a wide range of current educational contexts worldwide the books themes include reflection and analysis of the management of change collaboration staff development quality assurance and funding in an increasingly globalized environment this book also reassesses the core processes involved in course development delivery and student support in a world that is both linked and divided by access to the latest technologies in a rapidly changing world this book shows how the path from policy to sustainable practice is rarely easy however through consistent attention and commitment to meeting the needs of learners sustainability can be achieved

Most Expected MCQ on Paper 1

2012-11-12

international student recruitment and mobility in non anglophone countries offers a detailed analysis of global dimensions and trends in international student mobility and recruitment it examines current data on student flows policies and instruments obstacles and opportunities for recruitment and the roles of multiple stakeholders from different parts of the world considering the current geopolitical developments and tensions increased competition for global talent health and sustainability concerns growing nationalism and other factors non anglophone countries are likely to increase their recruitment efforts moving forward this book highlights the initiatives and instruments of these countries to attract international students and build long term internationalization strategies with case studies from africa asia europe the middle east and latin america international student recruitment and mobility in non anglophone countries is a must read text for international education policy advisors at the national and institutional levels and in the international higher education industry around the globe

International Handbook of Distance Education

2006-07-13

distance and blended learning in asia is a unique and comprehensive overview of open distance learning odl and information and communication technology ict in asian education and training broad in coverage this book critically examines odl and ict experiences from japan to turkey and from sri lanka to mongolia drawing conclusions from the successes and failures and recommending ways in which planning management and

practice may be developed for the world s largest concentration of adult open and distance learners this pioneering book draws on asian theory research and practice to identify the strengths weaknesses and challenges in all sectors of asian education and training it critically and insightfully discusses the ideas skills and practices that are necessary to advance knowledge in leadership and management professional development innovation and quality assurance and research and diffusion distance and blended learning in asia provides an insightful informative and critical review of odl ict developments in schools open schooling colleges universities workplace training professional development and non formal adult and community education the book is an invaluable reference for odl ict professionals educators and students anywhere in the world and is essential reading for all of those involved in odl ict in asia

Open and Distance Learning in the Developing World

2022-02-24

the selected speeches of dr swaminathan cover a wide range of disciplines ranging from sociocultural development to the tools of economic development like higher education technical education environment science and engineering and technology the first part covers higher and technical education value education engineering and technology environment and science the second part covers the disciplines of development studies economy finance planning rural development urban development tribal development nongovernmental organisations and general areas independent india wanted to build a modern strong dynamic and self reliant nation and embarked on the path of planned economic development growth modernisation self reliance and social justice are the basic objectives governing indian planning dr d swaminathans lecturers presented a clear view about indias planning process in the context of globalization reforms in higher and technical education have been set in motion in india the need for effective cooperation between universities industries r d national laboratories and the national scientific and engineering associations and bodies has been well recognised for bringing relevance in higher and technical education and for indigenous technology development and sharing of resources in this context swaminathan model for university industry national r d laboratoriesprofessional bodies and academies interaction for countrys economic development plays an important role

Strategies for Sustainable Open and Distance Learning

2008

today gender inequality and diversity are at the forefront of discussion as the issue has become an international concern for politicians government agencies social activists and the general public consequently the need to foster and sustain diversity and inclusiveness in the interactions among various groups of people is relevant today more than ever gender and diversity concepts methodologies tools and applications provides a critical look at gender and modern day discrimination and solutions to creating sustainable diversity across numerous contexts and fields highlighting a range of topics such as anti discrimination measures workforce diversity and gender inequality this multi volume book is designed for legislators and policy makers practitioners academicians gender studies researchers and graduate level students interested in all aspects of gender and diversity studies

International Student Recruitment and Mobility in Non-Anglophone Countries

2009-07-15

this book emphasizes the management of the future library and the next generation library system in the networked and digital environment it s astonishing how library management systems have developed the impact of the internet and google s incredible success story significantly impacted the role of libraries google continued to be ahead of the libraries because to new internet technology even now this problem still exists however given this context libraries and companies that provide library systems have made several efforts to enhance the search capabilities for libraries using the new google like discovery tools the process of designing and creating the features of the following generation of systems also began at this time any library that wants to fulfill its duties and meet the needs of its patrons needs to have access to ict

History of Education Administration

2013-11-18

technology enriched online settings provide new ways to support lifelong learning learners can interact with other learners gain from their experiences and then construct their own knowledge be it through google docs online collaborative communities youtube wikis or blogs cases on online learning communities and beyond investigations and applications provides a variety of essential case studies which explore the benefits and pedagogical successes of distance learning blended learning collaborative learning environments computer supported group based learning and professional learning communities this casebook is an essential resource for educators instructional designers trainers administrators and researchers working in the areas of online learning and distance learning

Distance and Blended Learning in Asia

2018-08-03

the present book concise encyclopaedia of india is a compendium of diverse aspects of india which is one of the oldest civilisations with a kaleidoscopic variety rich cultural heritage and multifaceted socio economic progress the idea behind bringing out this book is to help one and all in understanding the country and its unity in diversity in its three volumes the encyclopaedia encompasses a remarkably wide range of topics related to india its history physiography people population national symbols national leaders languages and literatures art culture defence education economy polity foreign policy and relations scientific and technological developments law and justice sports festivals transport communication and related activities in addition a profile of all its 28 states and 7 union territories has also been provided furthermore it provides an accessible authoritative account of the latest developments made in varied fields alongwith the data from the central and state governments their establishments constitutional bodies autonomous and semi autonomous bodies and the like the book is comprehensive self contained and user friendly as the emphasis throughout is on ensuring that readers particularly students receive worthwhile authentic information instead of irrelevant and outdated details it will definitely prove an invaluable reference book to students of different educational levels and candidates preparing for civil services examinations or other competitive exams and interviews for various jobs besides students the researchers executives in government and private sector and also the common man will find it highly informative

Selected Speeches of Dr. D. Swaminadhan

2012-07-31

in indian context

Gender and Diversity: Concepts, Methodologies, Tools, and Applications

2006

this book provides a comprehensive overview of the organizational models of distance and online learning from an international perspective and from the point of view of economic planning costing and management decision making the book points to directions for the further research and development in this area and will promote further understanding and critical reflection on the part of administrators practitioners and researchers of distance education the experiences and perspectives in distance education in the us are balanced with those in other areas of the world

Managing Next Generation Library System in Networked and Digital Environment

2004

2024 25 nta ugc net jrf teaching research aptitude solved papers

Cases on Online Learning Communities and Beyond: Investigations and Applications

2008-03-31

in an information and knowledge society access to information and knowledge is a basic human right making equitable and fair access to information and knowledge paramount open access oa plays a huge role in addressing inequities as well as broad based and inclusive scientific progress on the surface the number of publications discussing oa issues from various angles are on the rise however what is missing is a comprehensive assessment of the extent of oa implementation and a discussion of how to proceed in integrating oa issues from various perspectives the handbook of research on the global view of open access and scholarly communications articulates oa concepts and issues while demystifying the state of the art knowledge domain in the areas of oa and scholarly communications from diverse perspectives as well as implications for the information and knowledge society covering topics such as ethics copyright challenges and open access initiatives this book is a dynamic resource for publishers librarians higher education administrators policymakers students and educators of higher education researchers and academicians

Concise Encyclopaedia of India

2022-04-29

this book discusses the significance of social geography a multidimensional sub discipline of georgraphy encompassing social health social security and social ethos it presents the socio spatial dynamics of the population in india through an understanding of the various issues related to migration urbanisation unemployment poverty and public health with a thorough analysis of various social indicators relating to health education income and employment the volume presents a detailed picture of the social geography of india it discusses in detail the origin nature and scope of social geography its relations with other social sciences and applications the nature and importance of social well being along with welfare geography and the role of welfare state in ensuring social well being the population of india and its attributes the status and spatial patterns of various social indicators relating to health education and income and employment the composite indices which aggregate several social indicators such as the human development index multidimensional poverty index and sustainable developmental goals index in the context of india this comprehensive book will be useful for students researchers and teachers of social geography human geography population geography demography and sociology the book can also be used by students preparing for exams like civil services upsc psc and other competitive exams

Universalization of Higher Education

2023-04-06

a life changing guide for professional greatness this book is very helpful for the youngsters for the better career planning and selecting the right goal to make their life this book also containing the admission processes of various best colleges and after that courses what will be their requirement of work nature of their job it has been concise and beautiful but the information is inextricably inextricable and needs to be expressed in details you will be able to know various type of the courses available in india and abroad nature of courses personality required best colleges for different courses in india how to get scholarship to study in usa uk and austreasons and laughteria and many more

Economics of Distance and Online Learning

2020-10-05

2024-25 NTA UGC-NET/JRF Teaching & Research Aptitude Solved Papers

Handbook of Research on the Global View of Open Access and Scholarly Communications

An Introduction to the Social Geography of India

The Career

- factorization questions and answers class 8 Copy
- biology ocr june 2013 past papers f214 (2023)
- julie garwood fast track free friseu (Read Only)
- a pilgrimage to the holy land catholic travel centre (Read Only)
- mind changing short stories metaphors for hypnosis hypnotherapy nlp for hypnosis hypnotherapy and nlp hypnotic suggestions and metaphors 2 .pdf
- beth moore breaking study guide answers (2023)
- canon tx 1210e 12 digit desktop display calculator .pdf
- bloodbrothers script (2023)
- a4 copier paper Full PDF
- hibbeler mechanics of materials 8th solutions manual (Read Only)
- grow algae for profit how to build a photobioreactor for growing algae for proteins lipids carbohydrates anti oxidants biofuels biodiesel and other valuable metabolites (2023)
- andritz ritz product range pumps and motors (Read Only)
- magnesium alloys containing rare earth metals structure and properties advances in metallic alloys v 3 (Read Only)
- airbus a320 ata chapters (2023)
- how brain learns david sousa [PDF]
- the practice of public relations 11th edition (PDF)
- mind action series mathematics grade 11 download .pdf
- hotel front office training manual with 231 sop professional front office management guide for hoteliers hospitality students .pdf
- sample paper of english grammar (Read Only)
- managing radio (Download Only)
- piper saratoga ii parts manual Full PDF
- ongc exam question paper 2011 Full PDF