

Matric Papers 2013

This book is a printed edition of the Special Issue "Plant Genetics and Biotechnology in Biodiversity" that was published in Diversity

DP's MTS Reasoning Ability [Previous Year Questions] Keywords: SSC Central police forces CPO CAPF , SSC combined graduate level GCL, Combined higher secondary level exam chsl 10+2 level exam, ssc ldc udc data entry operator exam, ssc mts matriculation level exam, ssc je civil mechanical electrical engineering exam, ssc scientific assistant exam, Ssc English ajoy Kumar singh, Ssc English by neetu singh, Ssc English grammar, Ssc English arihant publication, ssc previous year solved papers, ssc general awareness, ssc gk lucent, ssc math rakesh Yadav, ssc previous year question bank, ssc reasoning chapterwise solved papers, ssc english arihant publication, SSC cgl/cpo/mts/chsl/je exam books, ssc online practice sets for computer based exam , ssc kiran books disha arihant lucen gk, ssc neetu singh rakesh yadav ajoy singh books, ssc history geography polity economy science mcq, ssc math reasoning english gk chapterwise papers

Education and Elitism discusses polemical debates around privilege, private schools, elitist universities, equal access to education and underlying notions of fairness. The overarching question that runs through the book is about the future of education worldwide: how can schools and universities tread the tightrope between access and quality? This book investigates the philosophical positions that characterize elitism and anti-elitism to establish three types: meritocratic, plutocratic and cultural. These types of elitism (and their counter-positions) are used as reference points throughout the book's analysis of successive educational themes. The conclusion leads to suggestions that bridge the worlds of elitism and egalitarianism worldwide. The book covers critical questions related to the sociology and philosophy of education with particular focus on contemporary disruptors to education such as the COVID-19 pandemic and protest movements for social justice. With an attempt to offer readers an objective overview, this book will be an excellent compendium for students, academics, and researchers of the sociology of education, education policy and comparative education. It will also be of interest to school leaders, university provosts and professionals working in curriculum design.

This volume examines the phenomenon of contemporary Hindu nationalism or 'new Hindutva' that is presently the dominant ideological and political-electoral formation in India. There is a rich body of work on Hindu nationalism, but its main focus is on an earlier moment of insurgent movement politics in the 1980s and 1990s. In contrast, new Hindutva is a governmental formation that converges with wider global currents and enjoys mainstream acceptance. To understand these new political forms and their implications for democratic futures, a fresh set of reflections is in order. This book approaches contemporary Hindutva as an example of a democratic authoritarianism or an authoritarian populism, a politics that simultaneously advances and violates ideas and practices of popular and constitutional democracy.

Unsaturated Soils: Research & Applications
Mocktime Publication

DP's MTS Reasoning Ability [Previous Year Questions]
Social Justice and Transformative Learning

Homeschooling High School

Geotechnics for Infrastructure Development & Urbanisation (GeoINDUS)

REASONING MULTI TASKING STAFF MULTIPLE CHOICE QUESTIONS keywords: ssc central police forces cpo capf , ssc combined graduate level cgl, combined higher secondary level exam chsl 10+2 level exam, ssc ldc udc data entry operator exam, ssc mts matriculation level exam, ssc je civil mechanical electrical engineering exam, ssc scientific assistant exam, ssc english ajoy kumar singh, ssc english by neetu singh, ssc english grammar, ssc english arihant publication, ssc previous year solved papers, ssc general awareness, ssc gk lucent, ssc math rakesh yadav, ssc previous year question bank, ssc reasoning chapterwise solved papers, ssc disha books, ssc cgl questions, ssc cpo questions, ssc mts questions, ssc chsl questions, ssc ldc clerk, ssc practice sets, ssc online test. ssc math chapterwise solved papers, ssc english kiran publication, ssc cgl/cpo/mts/chsl/je exam books, ssc online practice sets for computer based exam , ssc kiran books disha arihant lucen gk, ssc neetu singh rakesh yadav ajoy singh books, ssc history geography polity economy science mcq, ssc math reasoning english gkchapterwise papers, last year previous year solved papers, online practice test papers mock test papers, computer based practice sets, online test series, exam guide manual books, gk, general knowledge awareness, mathematics quantitative aptitude, reasoning, english, previous year questions mcqs

This book brings together authors from United States, South Africa, United Kingdom, China, Canada and Australia to provide insights and case studies from across a range of contexts to explore the interplay between the notions of rurality, innovation and education. The book reveals a hopeful and resilient approach to innovative rural education and scholarship collectively and provides important evidence to speak against an often deficit view of rural education. Three patterns are revealed, namely: the importance of place-attentive strategies, the importance of joined up alliances to maximise resources and networks and finally, the need to utilize alternative methodologies and frameworks that have a starting point of difference rather than deficit for any rural initiative or approach. By drawing from international examples and responding in innovative ways to rural education challenges, this book provides an opportunity to share international insights into innovations, interventions and partnerships that promote and support rural education in its broadest sense.

Classified list with author and title index.

Principles of Tropical Horticulture leads the reader through a background of environmental influences and plant physiology to an understanding of production and post-harvest systems, environmental adaptation techniques and marketing strategies. Focusing on the principles behind production practices and their scientific basis, rather than detailed biological traits of each crop, this text outlines successes and failures in practices to date and sets out how the quantity and quality of horticultural produce can improve in the future. Case studies are frequently used and chapters cover the production of vegetables, fruit and ornamental crops, including temperate zone crops adapted to grow in the tropics.

Perspectives on Social Media

Intermediate Phase research from one province

13th CCF Conference, ChineseCSCW 2018, Guilin, China, August 18–19, 2018, Revised Selected Papers

Commonwealth Universities Yearbook

South African national bibliography

Proceedings of the 9th International Conference on Physical Modelling in Geotechnics (ICPMG 2018), July 17–20, 2018, London, United Kingdom

Debates around quality versus quantity in education can generate controversy about how quality is measured. Many question the drive to delineate and quantify precisely what works, suggesting that much value either cannot be measured or is distorted by measurement. This book explores how we can understand measurement in areas of education policy, planning, and practice that have not previously been considered measurable. The contributors ask four main questions: What do we measure and not measure when we try to measure the unmeasurable in education? When attempts have been made to measure the unmeasurable in education, what metrics have been adopted in which contexts, and with what outcomes? Why have measures been adopted as indicators of the unmeasurable, such as human rights? And how have particular organisations approached the problem of measuring the apparently unmeasurable in education, with what epistemological, normative, and conceptual resources, and consequences? The book draws on analyses from philosophy, history, sociology, and economics, with insights from national and international contexts. The contributions consider philosophical distinctions, historical experiences, and contemporary reflections on how to refine existing approaches to measurement of poverty, capability, rights, and the benefits of education. The discussion shows how measuring the unmeasurable takes account of the inequalities, complexities and uncertainties of work in education, thus suggesting a considerable deepening of the notion of education quality and measurement. This book was originally published as a special issue of Comparative Education.

This book contains the contributions to the Second European Conference on Unsaturated Soils, E-UNSAT 2012, held in Napoli, Italy, in June 2012, and includes more than one hundred papers, addressing three thematic areas: experimental, modelling, and engineering.

An in-depth look at the changing sociolinguistic dynamics that have influenced South African society. To date, there has been no published textbook which takes into account changing sociolinguistic dynamics that have influenced South African society. Multilingualism and Intercultural Communication breaks new ground in this arena. The scope of this book ranges from macro-sociolinguistic questions pertaining to language policies and their implementation (or non-implementation) to micro-sociolinguistic observations of actual language-use in verbal interaction, mainly in multilingual contexts of Higher Education (HE). There is a gradual move for the study of language and culture to be taught in the context of (professional) disciplines in which they would be used, for example, Journalism and African languages, Education and African languages, etc. The book caters for this growing market. Because of its multilingual nature, it caters to English and Afrikaans language speakers, as well as the Sotho and Nguni language groups – the largest languages in South Africa [and also increasingly used in the context of South African Higher Education]. It brings together various inter-linked disciplines such as Sociolinguistics and Applied Language Studies, Media Studies and Journalism, History and Education, Social and Natural Sciences, Law, Human Language Technology, Music, Intercultural Communication and Literary Studies. The unique cross-cutting disciplinary features of the book will make it a must-have for twenty-first century South African students and scholars and those interested in applied language issues.

This book systematically analyzes the economic dynamics of large emerging economies from an extended Comparative Capitalisms perspective. Coining the phrase 'state-permeated capitalism', the authors shift the focus of research from economic policy alone, towards the real world of corporate and state behaviour. On the basis of four empirical case studies (Brazil, India, China, South Africa), the main drivers for robust economic growth in these countries from the 2000s until the 2010s are revealed. These are found, in particular, in mutual institutional compatibilities of 'state-permeated capitalism', in their large domestic markets, and beneficial global economic constellations. Differences in their institutional arrangements are explored to explain why China and India have been more economically successful than Brazil and South Africa. The authors highlight substantial challenges for the stability of state-permeated capitalism and assess the potential future growth, sustainability and likely pitfalls for these large emerging economies. Opening further avenues for empirical and theoretical research, this book raises questions for the future of the global economic order and should appeal to academics, graduate students and advanced undergraduates in politics, economics, economic sociology and development studies. It should also prove a worthwhile and provocative read for development practitioners and policy-makers.

A South African perspective

Physical Modelling in Geotechnics, Volume 1

Quilts and Health

Culture and Identity in the United States and South Africa

Indian Geotechnical Conference 2019

Principles of Tropical Horticulture

The similarities between the United States and South Africa with respect to race, power, oppression and economic inequities are striking, and a better understanding of these parallels can provide educational gains for students and educators in both countries. Through shared experiences presents scholarly work from U.S. and South African scholars that advance educational practice in support of social justice and transformative learning. It provides a comprehensive framework for developing transformational learning experiences that facilitates leadership for social justice and the factors influencing personal, national and global identity.

This volume brings together many of South Africa's leading scholars of education and covers the full range of South African schooling: from financing and policy reform to in-depth discussions of literacy, numeracy, teacher development and curriculum change. The book moves beyond an inside view of the questions South African scholars are now grappling with: Are there different and preferential equilibria we have not yet thought of or explored, and if so what are they? In practical terms, how does one get to a more equitable distribution of teachers, resources, and funding? Two decades after apartheid it is still the case that the life chances of most South African children are determined not by their ability or the result of hard-work and determination, but instead by the colour of their skin, the province of their birth, and the wealth of their parents. In a democracy in South Africa, it is this stubbornness of inequality and its patterns of persistence that demands explanation, justification and analysis. "This is a landmark book on basic education in South Africa, an essential volume for those interested in learning outcomes and the chapters present conceptually and empirically sophisticated analyses of learning outcomes across divisions of race, class, and place. The book brings together the wealth of decades of research output from top quality researchers to explore what has improved, what has not, and what needs to be done. This is a volume that will be read by all who care about the future of South African education." University of Cape Town "There is much wisdom in this collection from many of the best education analysts in South Africa. No surprise that they conclude that without a large and sustained expansion in well-trained teachers, early childhood education, and adequate school resources, South Africa's future to maintaining the privileges of the few." Prof Martin Carnoy, Stanford University "Altogether, one can derive from this very valuable volume, if not an exact blueprint for the future, then certainly at least a crucial and evidence-based itinerary for the next few steps." Dr Louw

REASONING MULTI TASKING STAFF MULTIPLE CHOICE QUESTIONSMocktime Publicationby Mocktime Publication

Name an illness, medical condition, or disease and you will find quilting associated with it. From Alzheimer's to Irritable Bowel Syndrome, Lou Gehrig's Disease to Crigler-Najjar Syndrome, and for nearly every form of cancer, millions of quilts have been made in support of personal and community advocacy, memorialization of victims, and fundraising. In Quilts and Health, Marsha MacDowell, Clare Luz, and Beth Donaldson explore the long historical connection between textiles and health and its continued and ever growing importance in contemporary society. This book brings together hundreds of health-related quilts—with imagery from abstract patterns to depictions of fibromyalgia to an ovarian cancer diary—and the stories behind the art, as told by makers, recipients, healthcare professionals, and many others. This incredible book speaks to the deep connections between art and health.

A Study of the Present Situation and Future Possibilities

Proceedings of the 6th Asia Pacific Conference on Unsaturated Soils (Guilin, China, 23-26 October 2015)

ASME Technical Papers

REASONING MULTI TASKING STAFF MULTIPLE CHOICE QUESTIONS

The Athenæum

South African Schooling: The Enigma of Inequality

Perspectives on Social Media presents the most current research on the effectiveness of social media across sectors. Progress in finding better applications for social media relies on the difficult task of integrating media technologies into fields such as engineering, marketing, health, learning, art, tourism, and the service industry. This book is based on cutting-edge creative work among top international researchers and renowned designers and provides readers with a preview of the most visionary outcomes in the field of social media. Some of the major topics that the book discusses are: New social media design Sense of community in web applications App design and development for mobile devices. Perspectives on Social Media uniquely builds on recent disputes among the top scholars around the world, thus including the dynamics of knowledge-sharing and cross-fertilization that one would expect to happen on the web but that are rarely found in a book.

This book comprises select proceedings of the annual conference of the Indian Geotechnical Society. The conference brings together research and case histories on various aspects of geotechnical and geoenvironmental engineering. The book presents papers on geotechnical applications and case histories, covering topics such as (i) Characterization of Geomaterials and Physical Modelling; (ii) Foundations and Deep Excavations; (iii) Soil Stabilization and Ground Improvement; (iv) Geoenvironmental Engineering and Waste Material Utilization; (v) Soil Dynamics and Earthquake Geotechnical Engineering; (vi) Earth Retaining Structures, Dams and Embankments; (vii) Slope Stability and Landslides; (viii) Transportation Geotechnics; (ix) Geosynthetics Applications; (x) Computational, Analytical and Numerical Modelling; (xi) Rock Engineering, Tunneling and Underground Constructions; (xii) Forensic Geotechnical Engineering and Case Studies; and (xiii) Others Topics: Behaviour of Unsaturated Soils, Offshore and Marine Geotechnics, Remote Sensing and GIS, Field Investigations, Instrumentation and Monitoring, Retrofitting of Geotechnical Structures, Reliability in Geotechnical Engineering, Geotechnical Education, Codes and Standards, and other relevant topics. The contents of this book are of interest to researchers and practicing engineers alike.

Physical Modelling in Geotechnics collects more than 1500 pages of peer-reviewed papers written by researchers from over 30 countries, and presented at the 9th International Conference on Physical Modelling in Geotechnics 2018 (City, University of London, UK 17-20 July 2018). The ICPMG series has grown such that two volumes of proceedings were required to publish all contributions. The books represent a substantial body of work in four years. Physical Modelling in Geotechnics contains 230 papers, including eight keynote and themed lectures representing the state-of-the-art in physical modelling research in aspects as diverse as fundamental modelling including sensors, imaging, modelling techniques and scaling, onshore and offshore foundations, dams and embankments, retaining walls and deep excavations, ground improvement and environmental engineering, tunnels and geohazards including significant contributions in the area of seismic engineering. ISSMGE TC104 have identified areas for special attention including education in physical modelling and the promotion of physical modelling to industry. With this in mind there is a special themed paper on education, focusing on both undergraduate and postgraduate teaching as well as practicing geotechnical engineers. Physical modelling has entered a new era with the advent of exciting work on real time interfaces between physical and numerical modelling and the growth of facilities and expertise that enable development of so called 'megafuges' of 1000t capacity or more; capable of modelling the largest and most complex of geotechnical challenges. Physical Modelling in Geotechnics will be of interest to professionals, engineers and academics interested or involved in geotechnics, geotechnical engineering and related areas. The 9th International Conference on Physical Modelling in Geotechnics was organised by the Multi Scale Geotechnical Engineering Research Centre at City, University of London under the auspices of Technical Committee 104 of the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE). City, University of London, are pleased to host the prestigious international conference for the first time having initiated and hosted the first regional conference, Eurofuge, ten years ago in 2008. Quadrennial regional conferences in both Europe and Asia are now well established events giving doctoral researchers, in particular, the opportunity to attend an international conference in this rapidly evolving specialist area. This is volume 1 of a 2-volume set.

The book is the result of a five-year project that culminated (within the first three years) in doctoral research interrogating language competency for meaningful mathematics instruction at upper primary level conducted at University of Stellenbosch in 2017; and this book in the succeeding two years. The initial research project received countrywide coverage in several South African media outlets including Times Live and Radio 2000.

State-permeated Capitalism in Large Emerging Economies

by Mocktime Publication

Sessional Papers

Computer Supported Cooperative Work and Social Computing

The Language Issue in the Teaching of Mathematics in South Africa

Knowledge Beyond Colour Lines

Knowledge remains timely in education. The need for academics to contemplate its relevance, worth, use and everything in-between deems a continuous intellectual project, rather than a conundrum to be solved. This book takes the South African context by the horns as it challenges the often dormant and traditionalist ways in which higher education spaces see knowledge. Through original research and the voices of academics and students, this book argues for repurposing knowledge generation, knowledge sharing and critical pedagogy so that more inclusive teaching and learning environments can be both imagined and sustained. The contentious tensions that this creates for LoLT and SoTL, in particular, are unlocked so as to trouble the South African higher education landscape with the intent to proffer alternative pathways for a knowledge beyond colour lines. Prof Shan Simmonds (PhD) NWU This edited volume bristles with fresh scholarly approaches and insights of an emergent generation of engaged scholars grappling with the issues and problems of higher education in South Africa. The issues dealt with here are varied and encompassing. They are treated with intellectual delicacy and probing sensitivity, articulacy, informed data and bold conclusions. They serve well! Prof. Kwesi Kwaa Prah, Emeritus Professor of Sociology, University of the Western Cape Founder of the Centre for Advanced Studies of African Society

This volume presents selected papers from IACMAG Symposium.The major themes covered in this conference are Earthquake Engineering, Ground Improvement and Constitutive Modelling. This volume will be of interest to researchers and practitioners in geotechnical and geomechanical engineering.

Unsaturated Soils: Research and Applications contains 247 papers presented at 6th International Conference on Unsaturated Soils (UNSAT2014, Sydney, Australia, 2-4 July 2014). The two volumes provide an overview of recent experimental and theoretical advances in a wide variety of topics related to unsaturated soil mechanics:- Unsaturated Soil Behavior

This book constitutes the refereed proceedings of the 13th CCF Conference on Computer Supported Cooperative Work and Social Computing, ChineseCSCW 2018, held in Guilin, China, in August 2018. The 33 revised full papers presented along with the 13 short papers were carefully reviewed and selected from 150 submissions. The papers of this volume are organized in topical sections on: collaborative models, approaches, algorithms, and systems, social computing, data analysis and machine learning for CSCW and social computing.

Advances and Emerging Issues

A Yearbook

Hindu Nationalism and State Power in India

Education Quality and Labour Market Outcomes in South Africa

Getting Skills Right: South Africa

Digest of Technical Papers

In the past decades advances have been made in the research and practice on unsaturated soil mechanics. In 2000 the first Asia-Pacific Conferences on Unsaturated Soils was organized in Singapore. Since then, four conferences have been held under the continued support of the Technical Committee on Unsaturated Soils (TC106) of the International Socie

What will it take to turn South Africa around? In this insightful and provocative book, Frans Rautenbach proposes a complete overhaul of policy thinking, and provides fresh arguments that effectively address South Africa's unemployment, race problems and lack of education. Rautenbach examines the fundamental problem of rent-seeking, to which he proposes two antidotes: the free market and decentralisation of government. Along the way he tackles holy cows such as affirmative action, trade unions, labour law and welfare payments. He also addresses contentious topics such as racism, white privilege, political correctness, state funding of higher education and mounting evidence that trade unions substantially suppress employment growth. Written by a labour lawyer with a proven track record in a range of policy issues, South Africa Can Work speaks effectively to a cross-section of readers of all disciplines, and brings sorely needed good news.

This study is a presentation of Zimbabwean refugee learner experiences. Children escaped political persecution and economic problems which affected Zimbabwe in the year 2008. Many of these children were abused and witnessed traumatic experiences, their close relatives and neighbours being executed in cold blood. This study was guided by three critical questions: i) who are the Zimbabwean refugee learners? ii) what were Zimbabwean refugee learners' migration experiences? and iii) what were Zimbabwean refugee learners' school experiences? The study employed Bronfenbrenner's Social Ecological Model as its overarching theoretical framework. Each stage of the refugee experience was described at each point in time.

Prospective homeschoolers are parents looking for an alternative to the mainstream educational system for their offspring. But homeschooling children at high school level strikes fear into even the most dedicated of homeschoolers. They need information and answers to their questions. And with the current educational and unemployment problems in South Africa, young people need clear direction and guidance to help them achieve their goals. In addition to exploring the popular ways to gaining a recognised matric certificate outside the formal school system, Homeschooling High School also challenges readers to rethink their values, particularly the value they place on certification, and to consider some unconventional or alternative paths to success. In a clearly presented format, the book includes advice on legal matters, identifying appropriate courses, sourcing study material, tips on entrepreneurship, financing tertiary studies and the testimonies of successful homeschooled graduates. Homeschooling High School is a comprehensive guide to plotting a path through high school and beyond.

Recent Developments in Technology-Enhanced and Computer-Assisted Language Learning

How a free market and decentralised government will make us a winning nation

A Journal of Literature, Science, the Fine Arts, Music, and the Drama

Multilingualism and Intercultural Communication

Unsaturated Soil Mechanics - from Theory to Practice

Excel 2013: The Missing Manual

The world's most popular spreadsheet program is now more powerful than ever, but it's also more complex. That's where this Missing Manual comes in. With crystal-clear explanations and hands-on examples, Excel 2013: The Missing Manual shows you how to master Excel so you can easily track, analyze, and chart your data. You'll be using new features like PowerPivot and Flash Fill in no time. The important stuff you need to know: Go from novice to ace. Learn how to analyze your data, from writing your first formula to charting your results. Illustrate trends. Discover the clearest way to present your data using Excel's new Quick Analysis feature. Broaden your analysis. Use pivot tables, slicers, and timelines to examine your data from different perspectives. Import data. Pull data from a variety of sources, including website data feeds and corporate databases. Work from the Web. Launch and manage your workbooks on the road, using the new Excel Web App. Share your worksheets. Store Excel files on SkyDrive and collaborate with colleagues on Facebook, Twitter, and LinkedIn. Master the new data model. Use PowerPivot to work with millions of rows of data. Make calculations. Review financial data, use math and scientific formulas, and perform statistical analyses.

A directory to the universities of the Commonwealth and the handbook of their association.

This edited collection investigates what progress has been made in the field of social demography in South Africa since the democratic dispensation in the country. Contributors offer a compilation of in-depth analytical studies of substantive, technical and contemporary issues in the South African demographic landscape. Accessible and topical, it is a useful reference guide to those working in disciplines such as sociology, geography, statistics and economics, and to all those trying to understand the role of national statistical agency in national development planning in Africa. This book project is funded by Statistics South Africa, Pretoria, South Africa.

The pace at which technology changes has created unique challenges in the integration of such technologies into language teaching and learning. Innovative pedagogies and strategies must be developed that adapt to these changes and accommodate future technological changes. Recent Developments in Technology-Enhanced and Computer-Assisted Language Learning is an essential research publication that focuses on technological influences on language education and applications of technology in language learning courses including foreign and second language learning. Featuring an array of topics such as artificial intelligence, teacher preparation, and distance learning, this book is ideal for teachers, language instructors, IT specialists, instructional designers, curriculum developers, researchers, education professionals, academicians, administrators, practitioners, and students.

Education and Elitism

Towards Repurposing Knowledge Generation in South African Higher Education

Papers R.P.

The Educational Times, and Journal of the College of Preceptors

Advances in Computer Methods and Geomechanics

This report identifies effective strategies to tackle skills imbalances in South Africa.

New theories and testing techniques related with Unsaturated Soil Mechanics have proven to be valuable tools to study a broad spectrum of geo-materials which includes rocks, rock fills, frozen soils and domiciliary solid wastes. These new theories and several traditional problems from a new perspective (e.g., swelling or collapsible soils and compacted soils or pavements materials), and they have also shown their efficiency to study new energy-related problems like CO2 sequestration and nuclear waste collection of papers from the 1st Pan-American Conference on Unsaturated Soils organized in Cartagena de Indias, Colombia, in February 2013. The volume includes 76 research papers coming for all over the world, as well as 7 keynotes papers by well known contributions present a variety of topics including: • Advances in testing techniques • Unsaturated soil behavior • Constitutive modeling and microstructure • Numerical modeling • Geotechnical problems Advances in Unsaturated Soils is expected to become professionals involved in Unsaturated Soil Mechanics.

Plant Genetics and Biotechnology in Biodiversity

IACMAG Symposium 2019 Volume 1

Social Demography of South Africa

Challenges and Opportunities

Rural Education Across the World

Saffron Republic