

## Life Sciences March 2014 Question Paper And Memorandum

This book offers you a brief, but very involved look into the operations in the drilling of an oil & gas wells that will help you to be prepared for an interview at oil & gas companies. From start to finish, you'll see a general prognosis of the drilling process. If you are new to the oil & gas industry, you'll enjoy having a leg up with the knowledge of these processes. If you are a seasoned oil & gas person, you'll enjoy reading what you don't know in these pages. This course provides a non-technical overview of the phases, operations and terminology used on offshore drilling. It is intended also for non-drilling personnel who work in the offshore drilling, exploration and production industry. This includes marine engineers, personnel, accounting, administrative and support staff, environmental professionals, etc. No prior experience or knowledge of drilling or offshore operations is required. This course will provide participants a better understanding of the issues faced in all aspects of drilling operations, with a particular focus on the unique aspects of offshore operations.

The potential misuse of advances in life sciences research is raising concerns about national security threats. *Dual Use Research of Concern in Life Sciences: Current Issues and Controversies* examines the U.S. strategy for reducing biosecurity risks in life sciences research and considers mechanisms that would allow researchers to manage the dissemination of the results of research while mitigating the potential for harm to national security.

Intellectual property (IP) is a key component of the life sciences, one of the most dynamic and innovative fields of technology today. At the same time, the relationship between IP and the life sciences raises new public policy dilemmas. *The Research Handbook on Intellectual Property and the Life Sciences* comprises contributions by leading experts from academia and industry to provide in-depth analyses of key topics including pharmaceuticals, diagnostics and genes, plant innovations, stem cells, the role of competition law and access to medicines. The *Research Handbook on Intellectual Property and the Life Sciences* focuses on the relationship between IP and the life sciences in Europe and the United States, complemented by country-specific case studies on Australia, China, India, Japan, Kenya, South Africa and Thailand to provide a truly international perspective.

In September 2011, scientists announced new experimental findings that would not only threaten the conduct and publication of influenza research but would have significant policy and intelligence implications. The findings presented a modified variant of the H5N1 avian influenza virus (referred to as the H5N1 virus) that was transmissible via aerosol between ferrets. These results suggested a worrisome possibility: the existence of an airborne and highly lethal H5N1 virus that could cause a deadly global pandemic. In response, a series of international discussions on the implications of dual-use life science arose. These discussions addressed the complex social, technical, political, security, and ethical issues related to dual-use life science research.

This Research Topic will be devoted to contributions that explore this matrix of issues from a variety of case study and international perspectives. This book explores and analyzes the rapid pace of technological evolution in diplomatic, information, military, and economic sectors, which has contributed to a dynamic international policy environment. Global political stability is greatly influenced by innovations originating from multiple sources, including university labs, the technology sector, and military research. Collectively, these innovations guide the movement of people and technology that in turn affect the international balance of power. The objective of this volume is to develop new insights into how the most innovative ideas, low-cost weapons, and dual-use technologies impact the changing global security landscape. Innovative and dual-use technologies can be used for beneficial purposes or defensive purposes. Alternatively they may be appropriated or employed for nefarious purposes by both military powers and non-state actors alike. Such actions can threaten global security and stability. As the complexity of technological innovation continues to increase, existing control mechanisms such as international regulations and security arrangements may be insufficient to manage the proliferation over time. As such, this work seeks to assess and present policy solutions to curtail the threat to global stability posed by the proliferation of weapons and dual-use technology.

Understanding West Africa's Ebola Epidemic

Guide to Programming for the Digital Humanities

PISA 2012 Results: Creative Problem Solving (Volume V) Students' Skills in Tackling Real-Life Problems

Bioart Kitchen

Biodiversity in Ecosystems

Dual-use life science research and biosecurity in the 21st Century: Social, Technical, Policy, and Ethical Challenges

*This volume explores problems in the history of science at the intersection of life sciences and agriculture, from the mid-eighteenth to the mid-twentieth century. Taking a comparative national perspective, the book examines agricultural practices in a broad sense, including the practices and disciplines devoted to land management, forestry, soil science, and the improvement and management of crops and livestock. The life sciences considered include genetics, microbiology, ecology, entomology, forestry, and deal with US, European, Russian, Japanese, Indonesian, Chinese contexts. The book shows that the investigation of the border zone of life sciences and agriculture raises many interesting questions about how science develops. In particular it challenges one to re-examine and take seriously the intimate connection between scientific development and the practical goals of managing and improving – perhaps even recreating – the living world to serve human ends. Without close attention to this zone it is not possible to understand the emergence of new disciplines and transformation of old disciplines, to evaluate the role and impact of such major figures of science as Humboldt and Mendel, or to appreciate how much of the history of modern biology has been driven by national ambitions and imperialist expansion in competition with rival nations.*

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*Citizen science, the active participation of the public in scientific research projects, is a rapidly expanding field in open science and open innovation. It provides an integrated model of public knowledge production and engagement with science. As a growing worldwide phenomenon, it is invigorated by evolving new technologies that connect people easily and effectively with the scientific community. Catalysed by citizens' wishes to be actively involved in scientific processes, as a result of recent societal trends, it also offers contributions to the rise in tertiary education. In addition, citizen science provides a valuable tool for citizens to play a more active role in sustainable development. This book identifies and explains the role of citizen science within innovation in science and society, and as a vibrant and productive science-policy interface. The scope of this volume is global, geared towards identifying solutions and lessons to be applied across science, practice and policy. The chapters consider the role of citizen science in the context of the wider agenda of open science and open innovation, and discuss progress towards responsible research and innovation, two of the most critical aspects of science today.*

*There are fewer grounds today than in the past to deplore a North-South divide in research and innovation. This is one of the key findings of the UNESCO Science Report: towards 2030. A large number of countries are now incorporating science, technology and innovation in their national development agenda, in order to make their economies less reliant on raw materials and more rooted in knowledge. Most research and development (R&D) is taking place in high-income countries, but innovation of some kind is now occurring across the full spectrum of*

income levels according to the first survey of manufacturing companies in 65 countries conducted by the UNESCO Institute for Statistics and summarized in this report. For many lower-income countries, sustainable development has become an integral part of their national development plans for the next 10–20 years. Among higher-income countries, a firm commitment to sustainable development is often coupled with the desire to maintain competitiveness in global markets that are increasingly leaning towards 'green' technologies. The quest for clean energy and greater energy efficiency now figures among the research priorities of numerous countries. Written by more than 50 experts who are each covering the country or region from which they hail, the UNESCO Science Report: towards 2030 provides more country-level information than ever before. The trends and developments in science, technology and innovation policy and governance between 2009 and mid-2015 described here provide essential baseline information on the concerns and priorities of countries that could orient the implementation and drive the assessment of the 2030 Agenda for Sustainable Development in the years to come.

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Lessons for Introductory Python

Twenty Years of Correspondence Between Freeman Dyson and Undergraduate Students on Science, Technology, Society and Life  
Vibrant Architecture

UNESCO science report

Innovation in Open Science, Society and Policy

Dual-Process Theories in Moral Psychology

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The term biodiversity has become a mainstream concept that can be found in any newspaper at any given time. Concerns on biodiversity protection are usually linked to species protection and extinction risks for iconic species, such as whales, pandas and so on. However, conserving biodiversity has much deeper implications than preserving a few (although important) species. Biodiversity in ecosystems is tightly linked to ecosystem functions such as biomass production, organic matter decomposition, ecosystem resilience, and others. Many of these ecological processes are also directly implied in services that the humankind obtains from ecosystems. The first part of this book will introduce different concepts and theories important to understand the links between ecosystem function and ecosystem biodiversity. The second part of the book provides a wide range of different studies showcasing the evidence and practical implications of such relationships.

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America's Moment: Creating Opportunity in the Connected Age W. W. Norton & Company

Chronicles the critical role the sciences have played in American foreign relations since World War II.

Questions and answers for job interview Offshore Oil & Gas Platforms

Studies in intercultural and historical contexts

Pharmaceutical Industry and Public Policy in Post-reform India

Thinking the body as a basis, provocation and burden of life

The metabolic pathways and environmental controls of hydrocarbon biodegradation in marine ecosystems

This book examines the impact of economic reforms in India on the pharmaceutical industry and access to medicines. It traces the changing production and trade pattern of the industry, research and development (R&D) preferences and strategies of Indian pharmaceutical firms, patent system alongside pricing policy measures and their shortcomings. It also analyses the public health financing system in India driven largely by out-of-pocket expenditure — about 60 per cent — and characterised by very high share of medicines in total health expenditure. A masterful insight into a topical area, the work will be indispensable to those working on pharmaceutical industry and public policy. It will be of interest to researchers, scholars, students, and policy-makers of economics, industrial policy, public policy, intellectual property rights and health financing.

As an introduction to programming for the Digital Humanities (DH), this book presents six key assignments oriented on DH topics. The topics include Computing Change Over Time (calculating burials at a historic cemetery), Visualizing Change Over Time (visualizing the burials at the historic cemetery), Textual Analysis (finding word frequencies and "stop words" in public domain texts), XML Transformation (transforming a simplified version of XML into HTML styled with CSS), Stylometry (comparing the measured features of graphic images), and Social Network Analysis (analyzing extended relationships in historic circles). The book focuses on the practical application of these assignments in the classroom, providing a range of variations for each assignment, which can be selected on the basis of students' specific programming background and skills; "atomic" assignments, which can be used to give students the experience they need to successfully complete the main assignments; and some common pitfalls and gotchas to manage in the classroom. The book's chief goals are to introduce novice computer science (CS) students to programming for DH, and to offer them valuable hands-on experience with core programming concepts.

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The essential guide by one of America's leading doctors to how digital technology enables all of us to take charge of our health A trip to the doctor is almost a guarantee of misery. You'll make an appointment months in advance. You'll probably wait for several hours until you hear "the doctor will see you now"-but only for fifteen minutes! Then you'll wait even longer for lab tests, the results of which you'll likely never see, unless they indicate further (and more invasive) tests, most of which will probably prove unnecessary (much like physicals themselves). And your bill will be astronomical. In *The Patient Will See You Now*, Eric Topol, one of the nation's top physicians, shows why medicine does not have to be that way. Instead, you could use your smartphone to get rapid test results from one drop of blood, monitor your vital signs both day and night, and use an artificially intelligent algorithm to receive a diagnosis without having to see a doctor, all at a small fraction of the cost imposed by our modern healthcare system. The change is powered by what Topol calls medicine's "Gutenberg moment." Much as the printing press took learning out of the hands of a priestly class, the mobile internet is doing the same for medicine, giving us unprecedented control over our healthcare. With smartphones in hand, we are no longer beholden to an impersonal and paternalistic system in which "doctor knows best." Medicine has been digitized, Topol argues; now it will be democratized. Computers will replace physicians for many diagnostic tasks, citizen science will give rise to citizen medicine, and enormous data sets will give us new means to attack conditions that have long been incurable. Massive, open, online medicine, where diagnostics are done by Facebook-like comparisons of medical profiles, will enable real-time, real-world research on massive populations. There's no doubt the path forward will be complicated: the medical establishment will resist these changes, and digitized medicine inevitably raises serious issues surrounding privacy. Nevertheless, the result-better, cheaper, and more human health care-will be worth it. Provocative and engrossing, *The Patient Will See You Now* is essential reading for anyone who thinks they deserve better health care. That is, for all of us.

What do new technologies taste like? A growing number of contemporary artists are working with food, live materials and scientific processes, in order to explore and challenge the ways in which manipulation of biological materials informs our cooking and eating. 'Bioart', or biological art, uses biotech methods to manipulate living systems, from tissues to ecologies. While most critiques of bioart emphasise the influences of new media, digital media, and genetics, this book takes a bold, alternative approach. *Bioart Kitchen* explores a wide spectrum of seemingly unconnected subjects, which, when brought together, offer a more inclusive, expansive history of bioart, namely: home economics; the feminist art of the 1970s; tissue culture methodologies; domestic computing; and contemporary artistic engagements with biotechnology.

towards 2030

Technical questions and answers for job interview Offshore Drilling Platforms

*The Patient Will See You Now*

Linking Structure and Function

New Perspectives on the History of Life Sciences and Agriculture

*The Future of Medicine Is in Your Hands*

The job interview is probably the most important step you will take in your job search journey. Because it's always important to be prepared to respond effectively to the questions that employers typically ask at a job interview Petrogav International has prepared this eBooks that will help you to get a job in oil and gas industry. Since these questions are so common, hiring managers will expect you to be able to answer them smoothly and without hesitation. This eBook contains 291 questions and answers for job interview and as a BONUS web addresses to 288 video movies for a better understanding of the technological process. This course covers aspects like HSE, Process, Mechanical, Electrical and Instrumentation & Control that will enable you to apply for any position in the Oil and Gas Industry.

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Controlled natural languages (CNLs) are based on natural language and apply restrictions on vocabulary, grammar, and/or semantics. They fall broadly into 3 groups. Some are designed to improve communication for non-native speakers of the respective natural language; in others, the restrictions are to facilitate the use of computers to analyze texts, for example, to improve computer-aided translation; and a third group of CNLs are designed to enable reliable automated reasoning and formal knowledge representation from seemingly natural texts. This book presents the 11 papers, selected from 14 submitted, and delivered at the sixth in the series of workshops on Controlled Natural Language, (CNL 2018), held in Maynooth, Ireland, in August 2018. The papers cover a full spectrum of controlled natural languages, ranging from human oriented to machine-processable controlled languages and from more theoretical results to interfaces,

reasoning engines, and the real-life application of CNLs. The book will be of interest to all those working with controlled natural language, whatever their approach. The job interview is probably the most important step you will take in your job search journey. Because it's always important to be prepared to respond effectively to the questions that employers typically ask at a job interview Petrogav International has prepared this eBooks that will help you to get a job in oil and gas industry. Since these questions are so common, hiring managers will expect you to be able to answer them smoothly and without hesitation. This eBook contains 288 questions and answers for job interview and as a BONUS web addresses to 289 video movies for a better understanding of the technological process. This course covers aspects like HSE, Process, Mechanical, Electrical and Instrumentation & Control that will enable you to apply for any position in the Oil and Gas Industry.

It is time for a new conversation. Amid the biggest economic transformation in a century, the challenge of our time is to make sure that all Americans benefit from the wave of digital revolutions around the world that have permeated and upended modern life. Yet today's economic arguments seem stuck. We need a new vision of a hopeful future and a new action agenda. So many Americans are uncertain about the future. How can there be so many paths to opportunity with so few people traveling them? As a nation, we have to understand what is required to help Americans succeed now, and how to prepare our country for what comes next. We have been here before. A hundred years ago, America experienced the greatest economic transformation and technological revolution in its history. The transformation of the past twenty years—as the world has moved through the information era into the digital age—has turned our life and work upside down once again. It is a time of tremendous change but also of tremendous possibility. Rework America is a group of American leaders who know from experience the challenges we face—and the potential solutions. In America's Moment they suggest a practical agenda for an exciting future. It is illustrated by people who are already showing the way and includes actions Americans can take today in their own communities: preparing people to succeed, using the reach of the Internet and data to innovate jobs and to reach new markets all over the world, using technology to match employers and workers, and transitioning to a "no-collar" working world—neither blue collar nor white collar. Set against the history of how Americans succeeded once before in remaking their country, America's Moment is about the future. It describes how the same forces of change—technology and a networked world—can become tools that can open opportunity to everyone.

273 technical questions and answers for job interview Offshore Oil & Gas Platforms  
Vietnam, My Deliverance; Traumatic Stress, My Salvation  
Curiosity And Passion For Science And Art

America's Moment: Creating Opportunity in the Connected Age

150 technical questions and answers for job interview Offshore Oil & Gas Rigs

100 technical questions and answers for job interview Offshore Oil & Gas Rigs

**Post-traumatic stress disorder is both a gift and tool in God's hands. The Lord has designed a person's brain to adjust to the rigors of combat or abuse. Combat's despair can also drive us to Christ. Jim Carmichael, Ph.D. looks back at his service in Vietnam and how it impacted his life upon returning home in this book. More importantly, he reveals how God led him to find redemption, obedience to God, and transformation into the image of Jesus Christ through suffering. In sharing his story, the author seeks to answer questions such as: · What is the purpose of PTSD? · Why don't all combatants suffer from PTSD? · How can God deliver individuals from bondage? · What can be done to prevent PTSD victims from dying by suicide? The author stresses that the Veterans Administration should do more to teach veterans and their families about how the brain changes when it's subjected to constant stress. He also highlights how combatants throughout history have been impacted by stress. Join the author as he praises and thanks God for using the horrors of Vietnam to drive him to Christ.**

**This book examines the often tough questions raised by infectious diseases through essays that explore a host of legal and ethical issues. The authors also offer potential solutions in order to ensure that past errors are not repeated in response to future outbreaks. The essays touch on a number of key themes, including institutional competence, the accountability and responsibility of non-state actors, the importance of pharmaceuticals, and the move towards a rights-based approach in global health. Readers gain insights into such important questions as follows: How can we help victims in other countries? What (if any) responsibility should be placed upon international organizations whose actions exacerbate infectious diseases? How can we ensure that pharmaceutical research helps all communities, even those who cannot afford to pay for the products? While broadly covering global health law, the book adopts an interdisciplinary approach that draws on public international law, philosophy, international relations, human rights law, and healthcare economics. As such, it is a valuable resource for academic libraries, appealing to scholars and postgraduates engaged in relevant research, as well as to those engaged with global health and policy at the international level.**

**"Freeman Dyson has designed nuclear reactors and bomb-powered spacecraft; he has studied the origins of life and the possibilities for the long-term future; he showed quantum mechanics to be consistent with electrodynamics and started cosmological eschatology; he has won international recognition for his work in science and for his work in reconciling science to religion; he has advised generals and congressional committees. An STS (Science, Technology, Society) curriculum or discussion group that engages topics such as nuclear policies, genetic technologies, environmental sustainability, the role of religion in a scientific society, and a hard look towards the future, would count itself privileged to include Professor Dyson as a class participant and mentor. In this book, STS topics are not discussed as objectified abstractions, but through personal stories. The reader is invited to observe Dyson's influence on a generation of young people as they wrestle with issues of science, technology, society, life in general and our place in the universe. The book is filled with personal anecdotes, student questions and responses, honest doubts and passions"--**

***The body is at the same time a place where we express duration and/or discontinuity in history, a witness of radical social changes, and a factor of stabilization, but also of the transformation of human life - and therefore an eminent challenge for every human being. This book will contribute in a decisively interdisciplinary and cross-cultural way to a better understanding of the place, role, and connection of the body within social, political, and cultural shifts.***

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***Dear Professor Dyson***

***Current Issues and Controversies***

***150 technical questions and answers for job interview Offshore Drilling Rigs***

***Towards a Political Economy***

***Students' Skills in Tackling Real-Life Problems***

***Infectious Diseases in the New Millennium***

This book develops a general theory of autonomous teaching by examining a mysterious educational idea: the teachable moment. By formulating an understanding of the teachable moment as predicated upon 'educational energy,' this book takes up John Dewey's view of teaching to articulate a law-like, scientifically oriented pedagogical theory. By offering a testable hypothesis about effective teaching through an innovative reading of Dewey's law, this book also provides insights into changes in school practice and schooling policy consonant with an understanding of teaching as a science.

This book describes the accomplishments of a curious and imaginative scientist, and his endeavours to translate or even to extrapolate scientific insights into the world of art. The science section in this volume concerns studies on S-layers, a very important class of proteins found on the surface of numerous Bacteria and nearly all Archaea. S-layer proteins are one of the most abundant biopolymers on our planet, and assemble into the simplest type of biological membrane. Moreover, they are unique building blocks and patterning elements for the production of complex supramolecular structures and nanoscale devices in nanobiotechnology, molecular nanotechnology, synthetic biology, biomimetics and nanomedicine. In the second part of this book the author goes on to passionately describe how his scientific activities stimulated his art work, which in particular concerns the visualization of results and the potential of synthetic biology and evolutionary events induced by genetic manipulations. Most importantly, the engagement in art allowed him to leave the rather curtailed canon of science and reach a mental state of unlimited freedom of thoughts. Mask-like sculptures are used as examples to visualize the intersection between science and art, and in particular the unpredictability and mystery of scientific visions.

This fifth volume of PISA 2012 results presents an assessment of student performance in problem solving, which measures students' capacity to respond to non-routine situations in order to achieve their potential as constructive and reflective citizens.

Global Health Informatics: How Information Technology Can Change Our Lives in a Globalized World discusses the critical role of information and communication technologies in health practice, health systems management and research in increasingly interconnected societies. In a global interconnected world the old standalone institutional information systems have proved to be inadequate for patient-centered care provided by multiple providers, for the early detection and response to emerging and re-emerging diseases, and to guide population-oriented public health interventions. The book reviews pertinent aspects and successful current experiences related to standards for health information systems; digital systems as a support for decision making, diagnosis and therapy; professional and client education and training; health systems operation; and intergovernmental collaboration. Discusses how standalone systems can compromise health care in globalized world Provides information on how information and communication technologies (ICT) can support diagnose, treatment, and prevention of emerging and re-emerging diseases Presents case studies about integrated information and how and why to share data can facilitate governance and strategies to improve life conditions

The main aim of this book is to contribute to the relationship between science and religion. This book aims to do constructive theological work out of a particular cultural context. The point of departure is contemporary Swedish religion and worldviews. One focus is the process of biologization (i.e., how the worldviews of the general public in Sweden are shaped by biological science). Is there a gap between Swedes in general and the perceptions of Swedish clergy? The answer is based on sociological studies on science and religion in Sweden and the United States. Furthermore, the book contains a study of Swedish theologians, from Nathan Soderblom to the present Archbishop Antje Jackelen, and their shifting understanding of the relation between science and religion. The philosophical aspects of this relation are given special consideration. What models of the relation inform the contemporary scholarly discussion? Are science and religion in conflict, separate, or in mutual creative interaction?

***Interdisciplinary Approaches to Theoretical, Empirical and Practical Considerations***

***Diplomatic, Information, Military, and Economic Approaches***

***Sociological, Theological, and Philosophical Perspectives***

***Controlled Natural Language***

***Science and American Foreign Relations since World War II***

***150 technical questions and answers for job interview Offshore Oil & Gas Platforms***

Biodegradation mediated by indigenous microbial communities is the ultimate fate of the majority of oil hydrocarbon that enters the marine environment. The aim of this Research Topic is to highlight recent advances in our knowledge of the pathways and controls of microbial catalyzed hydrocarbon degradation in marine ecosystems, with emphasis on the response of microbial communities to the Deepwater Horizon oil spill in the Gulf of Mexico. In this Research Topic, we encouraged original research and reviews on the ecology of hydrocarbon degrading bacteria, the rates and mechanisms of biodegradation, and the bioremediation of discharged oil under situ as well as near in situ conditions.

This book sets out the conditions under which the need for a new approach to the production of architecture in the twenty-first century has been established, where our homes and cities are facing increasing pressures from environmental challenges that are compromising our lives and well being. Vibrant architecture embodies a new kind of architectural design practice that explores how lively materials, or 'vibrant materials' may be incorporated into our buildings to confer on them some of the properties of living things, such as movement, growth, sensitivity

self-repair. The theoretical and practical implications of how this may occur are explored through the application of a new group of materials. Characteristically, these substances possess some of the properties of living systems but may not have the full status of being truly alive. They include forms of chemical artificial life such as 'dynamic droplets' or synthetically produced soils. As complex systems, they are able to communicate directly with the natural world using a shared language of chemistry and so, negotiate their continued survival in a restless world. Vibrant architecture may create new opportunities for architectural design practice that venture beyond top-down form-finding programs, by enabling architects to co-design in partnership with human and nonhuman collectives, which result from the production of natural landscapes. Ultimately, vibrant architecture may operate as an ecological platform for human development that augments the liveliness of our planet, rather than diminishes it.

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This anthology offers a unique collection of contributions focusing on the discussion about the so-called dual-process theories within the field of moral psychology. In general, dual-process theories state that in cognitive systems, two sorts of processes can be differentiated: an affective, associative process and an analytical, rule-based process. This distinction recently entered the debate on the relationship between intuitive and rational approaches to explaining the phenomenon of moral judgment. The increasing interest in these theories raises questions concerning their general impact on social contexts. The anthology aims at presenting stepping-stones of an analysis of the merits and drawbacks of this development. For that purpose, the authors discuss general questions concerning the relationship between ethics and empirical sciences, methodological questions, reassessments of established terminology and societal implications of dual-process theories in moral psychology.

The Study of Science and Religion

Legal and Ethical Challenges

Questions and answers for job interview Offshore Oil & Gas Rigs

Proceedings of the Sixth International Workshop, CNL 2018, Maynooth, Co. Kildare, Ireland, August 27-28, 2018

Global Health Informatics

Art, Feminism and Technoscience

From 2013 to 2015, over 11,000 people across West Africa lost their lives to the deadliest outbreak of the Ebola virus in history. Crucially, this epidemic marked the first time the virus was able to spread beyond rural areas to major cities, overturning conventional assumptions about its epidemiology. With backgrounds ranging from development to disease control, the contributors to this volume - some of them based in countries affected by the Ebola epidemic - consider the underlying factors that shaped this unprecedented outbreak. While championing the heroic efforts of local communities and aid workers in halting the spread of the disease, the contributors also reveal deep structural problems in both the countries and humanitarian agencies involved, which hampered the efforts to contain the epidemic. Alarming, they show that little has been learned from these events, with health provision remaining underfunded and poorly equipped to deal with future outbreaks. Such issues, they argue, reflect the wider challenges we face in tackling epidemic disease in an increasingly interconnected world.

A Biblical, Systematic, and Reformational Theology for People with Traumatic Stress (P.T.S.D.)

Dual Use Research of Concern in the Life Sciences

Citizen Science

How Information Technology Can Change Our Lives in a Globalized World

Teachable Moments and the Science of Education

273 technical questions and answers for job interview Offshore Oil & Gas Rigs