## AGRICULTURAL SCIENCE JSS 1 Section A: Objectives

#### Answer all questions in this section

- A weed is any plant that---
  - (a) grows well on the farm
  - (b) grows where it is planted
  - (c) grows where it has not planted
  - (d) grows with good branches
- 2 The following are problems of weeds to the farmers except—
  - (a) competition with crops to reduce yield
  - (b) facilitating pollination and fertilization of crops
  - (c) reduction of crop quality
  - (d) source of nuisance where they
- 3 Weeds constitute nuisance due to the following except that—
  - (a) they have very good aroma
  - (b) they attach to bodies of animals and human beings
  - (c) they cause skin irritations and itches
  - (d) they cause physical harm by spines on them
- 4 The following are benefits of weeds to farmers except—
  - (a) medical value
  - (b) food source
  - (c) cover crop
  - (d) additional production cost

- The following are the types of Ruminants stomach except----
  - (a) omasum
  - (b) crop
  - (c) rumen
  - (d) abomasums
- one of the following is a work animal
  - (a) fish
  - (b) pussy cat
  - (c) bullock
  - (d) peacock
- The animals that are raised for the purpose of using them for work on the farm are called \_\_\_\_\_\_
  - a. Cow animals
  - Aquatic animals
  - Farm animals
  - d. Fish animals
- regurgitation is a characteristics of
  - (a) ruminants
  - (b) poultry
  - (c) fish
  - (d) monogastric
- goat, sheep, cattle are the example of......
  - (a) pets
  - (b) carmivorous animals
  - (c) omnivorous animals
  - (d) herbivorous animals
- One of these does not affect the distribution of farm animals
  - (a) topography
  - (b) religion
  - (c) name
  - (d) people choice
- the act of giving birth in farm animals is called-----
  - (a) Castration
  - b) Gestation
  - (c) Parturition
  - (d) Lactation
- Farm animals are useful for the following except—
  - (a) food
  - (b) security

# **Jssagric Science Third Term**

Lars Straub, Fabio Sgolastra, Pierre Lau, Geoffrey Williams

#### **Jssagric Science Third Term:**

Education Reforms in Ghana G. M. Osei, 2010 The decision to undertake this research was a pragmatic response to the debates which followed the introduction of a new innovative secondary education system in Ghana This book investigates the innovation during its formation since 1974 inception from 1987 and in respect of field research aspects of its operation from 1998 to 2002 The primary aim of the research was to monitor the implementation processes in as many aspects as possible This was done in order to see what benefits might be gained and what lessons in order to continue the innovation In order to conduct this assessment it was necessary to examine critically the characteristics of each element of the reform and their implications using a variety of research methods to generate relevant data This approach yielded a substantial amount of original evidence on the dynamics of educational change While this evaluation specifically helps to deepen understanding of the said innovation it also makes a contribution to the literature on educational innovation in developing countries The Future of Agriculture: IoT, AI and Blockchain Technology for Sustainable Farming Kavita Pandey, Shikha Jain, Dhiraj Pandey, Omprakash Kaiwartya, 2024-10-23 The Future of Agriculture IoT AI and Blockchain Technology for Sustainable Farming explores how cutting edge technologies like Artificial Intelligence AI the Internet of Things IoT and Blockchain are transforming farming for a sustainable future Addressing challenges such as climate change resource scarcity and food supply chain inefficiencies the book highlights how these technologies can improve decision making enhance crop yields and increase transparency in agriculture With a blend of theory and real world applications it covers everything from AI driven pesticide prediction and disease identification to using Blockchain for efficient food supply chain management This comprehensive guide is essential for researchers professionals and anyone interested in the intersection of technology and sustainable farming Key Features Introduction to Digital Twin technology for sustainable farming Practical applications of AI and IoT in agriculture Blockchain 039 s role in food supply chain management Frameworks for precision agriculture and access to government schemes Insights on integrating AI IoT and Blockchain into solid waste management systems State Economic Empowerment and Development Strategy (SEEDS) Anambra State (Nigeria). Office of Economic Planning and Monitoring, 2006 Bibliography of Agriculture with Subject Index ,1983-10 IIER Vol 8-N3 International Journal of Educational Reform, 1999-07-01 The mission of the International Journal of Educational Reform IJER is to keep readers up to date with worldwide developments in education reform by providing scholarly information and practical analysis from recognized international authorities As the only peer reviewed scholarly publication that combines authors voices without regard for the political affiliations perspectives or research methodologies IJER provides readers with a balanced view of all sides of the political and educational mainstream To this end IJER includes but is not limited to inquiry based and opinion pieces on developments in such areas as policy administration curriculum instruction law and research IJER should thus be of interest to professional educators with decision making roles and policymakers at all levels turn since it provides a broad

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isolated populations that are vulnerable to environmental stochasticity or inbreeding depression but also lead to poor nutrition as floral abundance and diversity are reduced Further key stressors are pests and pathogens climate change intensified agriculture and environmental pollution e g pesticides These environmental stressors may interact with one another and generate complex effects that amplify the direct consequences of a single given stressor Unfortunately there is a lack of knowledge concerning how even the most important environmental stressors may interact to affect insect pollinators The goal of this effort is to develop a platform that brings together the latest information on how abiotic and biotic stressors interact to impact insect pollinator health Only by bringing together different lines of evidence will we be able to better predict how these environmental stressors will affect insect pollinators An improved understanding will also facilitate the development of more effective and sustainable management strategies that will enable stakeholders to implement adequate and sustainable measures to safeguard insect pollinators This Research Topic welcomes both Original Research and Reviews as well as Commentary or Opinion articles that address the topic of environmental stressor interactions and their impact on insect pollinator health Submissions should be based on but not limited to How combined environmental stressors affect insect pollinators using molecular physiological behavioral ecological or evolutionary approaches Experimental or survey work conducted under laboratory semi field or field conditions Unravelling the mechanisms underlying combined stressor interactions What can be done to limit the impact of combined environmental exposure in the field Report of the Department of Science and Art of the Committee of Council on Education ,1896 Daily Graphic Elvis D. **Biochar Production for** Arveh, 1997-05-19 West Africa ,1993 Journal of Research in Curriculum ,1987 Green Economy Shiv Vendra Singh, Ram Swaroop Meena, Sandip Mandal, Sumit Chaturvedi, Govindaraju K, 2024-06-22 Biochar Production for Green Economy Agricultural and Environmental Perspectives addresses the advancements and developments for the efficient diversification of biochar toward achieving improved agricultural and environmental benefits This comprehensive and cohesive volume is the first to address the potential multi and transdisciplinary opportunities of effective biochar production and use Including the potential applicability of not only crop waste biochar but weeds agroforestry agroindustry municipal waste as well chapters explore surface modified enriched or tailored biochar for soil amendment GHGs mitigation bioremediation of organic inorganic metals and other emerging pollutants as well as soil remediation It also covers the trending multidisciplinary approaches of nanotechnology surface chemistry and thermal decomposition advancements being adopted for capacity enhancement and versatile applicability in the field of agriculture environment science and green energy synthesis Composition and characteristics of tailored biochar their interactions and transformation into the soil and water ecosystem are illustrated This book is a valuable resource for those pursuing biochar related areas as well as those seeking environmentally sustainable solutions to crop soil or water issues Includes aspects of advancement in pyrolysis techniques to produce cost effective high quality pyrolysis products and their multipurpose

applications Highlights biochar s role in boosting the circular bioeconomy carbon footprint GHGs mitigation and environmental sustainability high quality visual representation Compiles the trending multidisciplinary approach of nanotechnology magnetic field surface tailoring and engineering for efficient and sustainable development goals

Sustaining Global Food Security Robert Zeigler,2019-10-09 Population growth alone dictates that global food supplies must increase by over 50% in coming decades Advances in technology offer an array of opportunities to meet this demand but history shows that these can be fully realised only within an enabling policy environment Sustaining Global Food Security makes a compelling case that recent technological breakthroughs can move the planet towards a secure and sustainable food supply only if new policies are designed that allow their full expression Bob Zeigler has brought together a distinguished set of scientists and policy analysts to produce well referenced chapters exploring international policies on genetic resources molecular genetics genetic engineering crop breeding and protection remote sensing the changing landscape of agricultural policies in the world's largest countries and trade Those entering the agricultural sciences and those who aspire to influence public policy during their careers will benefit from the insights of this unique set of experiences and perspectives

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