

# **BOARD QUESTION PAPER: MARCH 2022**

## **CHEMISTRY**

Time: 2 Hrs

**Max. Marks: 70**

#### ***General Instructions:***

*The question paper is divided into four sections.*

(1) **Section A:** Q. No. 1 contains Ten multiple choice type of questions carrying One mark each.  
Q. No. 2 contains Eight very short answer type of questions carrying One mark each.

(2) **Section B:** Q. No. 3 to Q. No. 14 are Twelve short answer type of questions carrying Two marks each. (Attempt any Eight).

(3) **Section C:** Q. No. 15 to Q. No. 26 are Twelve short answer type of questions carrying Three marks each. (Attempt any Eight).

(4) **Section D:** Q. No. 27 to Q. No. 31 are Five long answer type of questions carrying Four marks each. (Attempt any Three).

(5) Use of log table is allowed. Use of calculator is not allowed.

(6) Figures to the right indicate full marks.

(7) For each multiple choice type of question, it is mandatory to write the correct answer along with its alphabet, e.g. (a) ... (b) ... (c) ... (d) ... etc.

*No marks(s) shall be given, if ONLY the correct answer or the alphabet of the correct answer is written.  
Only the first attempt will be considered for evaluation.*

## SECTION - A

**Q.1. Select and write the correct answer for the following multiple choice type of questions: [10]**

- The co-ordination number of atoms in body centred cubic structure (bcc) is \_\_\_\_\_.
  - 4
  - 6
  - 8
  - 12
- In calculating osmotic pressure, the concentration of solute is expressed in \_\_\_\_\_.
  - molarity
  - molality
  - mole fraction
  - percentage mass
- The enthalpy change for the chemical reaction  $\text{H}_2\text{O}_{(l)} \longrightarrow \text{H}_2\text{O}_{(g)}$  is called enthalpy of \_\_\_\_\_.
  - vapourisation
  - fusion
  - combustion
  - sublimation
- Which of the following transition element shows maximum oxidation state?
  - Sc
  - Fe
  - Mn
  - V
- The correct formula for the complex compound, sodium hexacyanoferrate (III) is \_\_\_\_\_.
  - $\text{Na}[\text{Fe}(\text{CN})_6]$
  - $\text{Na}_2[\text{Fe}(\text{CN})_6]$
  - $\text{Na}_3[\text{Fe}(\text{CN})_6]$
  - $\text{Na}_4[\text{Fe}(\text{CN})_6]$

# 2waec Chemistry Paper Answer

**Ransford Tetteh**

## **2waec Chemistry Paper Answer:**

WAEC in Review Benjamin Freeman Jr., 2014-11-07 WAEC in Review is a practical intervention strategy in transforming the weakening educational system of Liberia where academic excellence is unceasingly diminishing LIPACE Pilot Study Guide is not only a landmark achievement in the educational history of Liberia but a remarkable strive towards the proper preparation of Liberian students for future diets of the WAEC exam As a member of the National Committee of the West African Examinations Council and a Stakeholder in the Liberian Education System I wish to recommend the use of this study guide to adequately prepare each and every Liberian student for future examinations thereby setting the stage for an easy transition to the emerging West African Senior Secondary Examinations WASSCE I am explicitly confident that you will definitely find your journey through this guide very rewarding as you prepare to sit the next WAEC Exam David S Massaquoi Sr director of Education The Salvation Army Liberia Command Education Secretariat Our students sit the exam in constant fear of proctors and supervisors They know nothing about the exam and its structure and this fear lead to them failing massively We need to build the confidence level of our students and help them to study hard and understand the roles of proctors and supervisors to stop the intimidation during the exam Thanks to LIPACE and the Turning the Tide project we have helped our students achieved an amazing achievement for the first time in the history of Gbarpolu County where all senior students successfully passed the exam Lartey Bemah principal of Bopolu Public School 2012 2013 Gbarpolu County Liberia

**School Science Practical Work in Africa** Umesh Ramnarain, 2020-06-01 School Science Practical Work in Africa presents the scope of research and practice of science practical work in African schools It brings together prominent science educators and researchers from Africa to share their experience and findings on pedagogical innovations and research informed practices on school science practical work The book highlights trends and patterns in the enactment and role of practical work across African countries Practical work is regarded as intrinsic to science teaching and learning and the form of practical work that is strongly advocated is inquiry based learning which signals a definite paradigm shift from the traditional teacher dominated to a learner centered approach The book provides empirical research on approaches to practical work contextual factors in the enactment of practical work and professional development in teaching practical work This book will be of great interest to academics researchers and post graduate students in the fields of science education and educational policy *Questions in chemistry and natural philosophy, given at the matriculation examination, from 1864 to June 1873. Classified by C.J. Woodward. From 1864 to Jan. 1881. Containing answers* London univ, exam. papers, 1881

FCT Education Secretariat Journal of Curriculum Studies and Instruction, 2008-07 Impact of Examination Policy on Teaching Chemistry in Nigerian Secondary Schools David Afolayan Alao, 1988 Artificial Intelligence in Education Andrew M. Olney, Irene-Angelica Chounta, Zitao Liu, Olga C. Santos, Ig Ibért Bittencourt, 2024-07-01 This book constitutes the refereed proceedings of the 25th International Conference on Artificial Intelligence in Education AIED 2024 held in Recife Brazil in

July 8 12 2024 Proceedings The 49 full papers and 27 short papers presented in this book were carefully reviewed and selected from 334 submissions The papers present result in high quality research on intelligent systems and the cognitive sciences for the improvement and advancement of education **Time Will Tell** Yemi Elegunde,2014-01-02 From the bright lights of London s Holland Park into the power cuts and very rural life of Lagos state in Nigeria all in the blink of an eye This is the true story of a family torn apart by International Parental Child Abduction In September 1973 Yemi was just seven years old when he and his younger sister were taken away from England by their dad without their mum s knowledge or consent They lived and grew up in Nigeria for over fourteen years where the only communication they had with their mum was by letters Without social media computers or mobile phones how does a mother track down her missing children How do the children adapt to the sudden change of lifestyle This is the story of the events through the eyes of that seven year old child from the moment he realised he was in a different country Yemi relates the stark change of culture the new family and the voyage of self discovery The book covers his roller coaster young life of apprehensions and ecstasy his rebellions and his loves It follows his anger as he grew from boy to teenager and his eventual reconciliation with himself and his parents What kind of man would that boy grow up to be **Time Will Tell** Featured in The Bookseller

**The National Bibliography of Nigeria** ,1988 **Jos Educational Forum** ,2009 **Handbook of Research on the Role of Human Factors in IT Project Management** Misra, Sanjay,Adewumi, Adewole,2019-09-27

The role humans play in the field of information technology continues to hold relevance even with the industry s rapid growth People contribute heavily to the physical cognitive and organizational domain of computing yet there is a lack of exploration into this phenomenon Humanoid aspects of technology require extensive research in order to avoid marginalization and insufficient data The Handbook of Research on the Role of Human Factors in IT Project Management is a collection of innovative research on the methods and applications of the task of human characteristics in the design and development of new technology While highlighting topics including digitalization risk management and task analysis this book is ideally designed for IT professionals managers support executives project managers managing directors academicians researchers and students seeking current research on the dynamics of human influence in technological projects

**West African Journal of Education** ,1964 **Annual Conference Proceedings** Science Teachers Association of Nigeria. Conference,2006

**Nigerian Journal of Science and Educational Research** ,2007 **National Bibliography of Nigeria** ,1986 Issues for 1973 include section Nigerian periodicals continuing the library s Nigerian periodicals 1950 55 **Daily Graphic** Ransford Tetteh,2011-02-23

**Science Education International** ,2001 **Report** ,1941 **Report** National Institute for Research in Dairying (Great Britain),1941 **Host Bibliographic Record for Boundwith Item Barcode 30112033788453 and Others** ,2013 **Zaria Journal of Educational Studies** ,1989-06

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