

**SS2 (3<sup>RD</sup> TERM) SCHEME OF WORK**

| <b>WEEKS</b> | <b>TOPICS</b>                     | <b>CONTENTS</b>                                                                                                                                                                                                                                                                        | <b>ACTIVITIES</b>                                                                                              |
|--------------|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| 1            | <b>ACID-BASE REACTION</b>         | Simple acid-base titration; common indicators and their pH range. Calculations in quantitative analysis: mass and molar concentrations, percentage purity and impurity.                                                                                                                | Guide students on the choice of indicator for acid-base titrations. Solve calculations on acid-base reactions. |
| 2            | <b>ORGANIC CHEMISTRY</b>          | Structure and valency of carbon. Hydrocarbon: meaning and example. Determination of empirical and molecular formulae of hydrocarbon.                                                                                                                                                   |                                                                                                                |
| 3&4          | <b>ORGANIC CHEMISTRY II</b>       | Homologous series; characteristics and IUPAC naming. Alkanes: structure, preparation and properties. Isomerism: definition and types. Alkene and alkynes: structure, preparation and properties. Aromatic hydrocarbon: benzene, structure and properties.                              |                                                                                                                |
| 5            | <b>ALKANOLS</b>                   | Classification of alkanols: based on number of alkyl group and hydroxyl group. Preparation and properties of alkanols; industrial preparation by fermentation, uses of alkanols.                                                                                                       | Explain the solubility of alkanols in water using hydrogen bonding.                                            |
| 6            | <b>ALKANOIC ACIDS, ALKANOATES</b> | Sources, nomenclature, classification, preparation, properties, laboratory test and uses of alkanolic acid and alkanooates.                                                                                                                                                            | Use chemical reaction to distinguish between alkanolic acids and alkanooates.                                  |
| 7            | <b>FATS AND OIL</b>               | Sources of fats and oil, physical and chemical properties. Reactions of fats and oil; uses and test for fats and oil.                                                                                                                                                                  | Perform simple experiment to illustrate test for fats and oil.                                                 |
| 8&9          | <b>SOAPS AND DETERGENTS</b>       | Preparation and structure of soap; action of soap as an emulsifying agents. Preparation and mode of action of detergent. Differences between soap and detergents.                                                                                                                      | Perform simple experiment to illustrate action of soap as an emulsifying agent.                                |
| 10           | <b>NUCLEAR CHEMISTRY</b>          | Differences between chemical and nuclear reactions. Radioactivity: types and nature of radiation. Half-life as a factor for stability of nucleus. Nuclear fission and nuclear fusion. Writing and balancing of nuclear reaction. Detection of radiation, application of radioactivity. |                                                                                                                |

# Scheme Of Work For Ss2 Chemistry 2015 2016 Session

**Hussin A.Rothana**



**Scheme Of Work For Ss2 Chemistry 2015 2016 Session:**

## Decoding **Scheme Of Work For Ss2 Chemistry 2015 2016 Session**: Revealing the Captivating Potential of Verbal Expression

In a time characterized by interconnectedness and an insatiable thirst for knowledge, the captivating potential of verbal expression has emerged as a formidable force. Its ability to evoke sentiments, stimulate introspection, and incite profound transformations is genuinely awe-inspiring. Within the pages of "**Scheme Of Work For Ss2 Chemistry 2015 2016 Session**," a mesmerizing literary creation penned with a celebrated wordsmith, readers attempt an enlightening odyssey, unraveling the intricate significance of language and its enduring impact on our lives. In this appraisal, we shall explore the book is central themes, evaluate its distinctive writing style, and gauge its pervasive influence on the hearts and minds of its readership.

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### **Scheme Of Work For Ss2 Chemistry 2015 2016 Session :**

Tiddalik the Frog. 1: Tiddalik the Frog was thirsty, thirsty Song: 'Tiddalik the Frog was thirsty, thirsty'. Sing the song with Andy and Rebecca. In addition to the full vocal version and backing track versions of the ... Tiddalik the Frog This offers a karaoke-style video of the song, with the lyrics appearing on screen. Each song is approximately 2 to 3 minutes long. The song - backing track ... TIDDALIK THE FROG Tiddalik was a large frog, the largest frog ever known. SONG: No. 1. ONCE

LONG ... MR WOMBAT (Spoken over the music of the verses.) Gather round my friends. I ... Froggy Fun - Music Connections Recommends... Nov 1, 2007 — A little pig makes up a new song, and can't find anyone to share it with, until he meets a frog who likes to sing and make up songs too. Infant Music at Home 17 Learn to sing a song about Tiddalik the Frog with BBC Teach. This is based on a traditional Aboriginal "dreamtime" story from Australia. ... Tiddalik is so ... Tiddalik the frog Aria from the Notebook for Anna Magdalena by J.S. Bach Arranged for Band - MP3. Created by. Vinci eLearning. Tiddalick the Frog - Dreamtime Oct 29, 2018 — We'll share a dream and sing with one voice "I am, you are, we are Australian". I'm a teller of stories. I'm a singer of songs. I am Albert ... Musical Childhoods: Explorations in the pre-school years Students' understanding of direct current resistive electrical ... by PV Engelhardt · 2003 · Cited by 787 — Interpreting Resistive Electric Circuit Concepts Test (DIRECT) was developed to evaluate students' understanding of a variety of direct current (DC) resistive. An Instrument for Assessing Knowledge Gain in a First Course ... by VK Lakdawala · 2002 · Cited by 1 — Concepts Test (DIRECT), and is limited to resistive circuits. ... The first version of our electrical circuit concept diagnostic test was done independently from. Students' Understanding of Direct Current Resistive ... by PV Engelhardt · Cited by 787 — The Determining and Interpreting Resistive Electric circuits Concepts Test (DIRECT) was developed to evaluate students' understanding of a variety of direct ... Answer Key Chapter 1 - College Physics for AP® Courses 21.6 DC Circuits Containing Resistors and Capacitors · Glossary · Section Summary · Conceptual Questions · Problems & Exercises · Test Prep for AP® Courses. 22 ... The Physical Setting The Answer Key for the Brief Review in Physics: The Physical Setting provides answers to all of the questions in the book, including the sample Regents ... RANKING TASK EXERCISES IN PHYSICS by TL O'Kuma · 2000 · Cited by 114 — This test is a sequence of ranking tasks on basic electric circuit concepts. In a way this test takes the idea of using related ranking tasks to the extreme, ... Understanding key concepts of electric circuits by J Borg Marks · 2012 · Cited by 3 — This study proposes a unified learning model for electric circuits, in terms of a possible sequence of intermediate mental models of current, resistance and ... (PDF) Students' Understanding of Direct Current Resistive ... The Simple Electric Circuits Diagnostic Test (SECDT) was used to assess students' conceptual understanding. The prevalence of misconceptions was relatively ... Ch. 19 Multiple Choice - Physics Mar 26, 2020 — Are the resistors shown connected in parallel or in series? Explain. A circuit shows positive terminal of a voltage source connected to one end ... Caries Management - Science and Clinical Practice A comprehensive approach to modern caries management. This systematic approach to modern caries management combines new, evidence-based treatment techniques ... Caries Management - Science and Clinical Practice A comprehensive approach to modern caries management. This systematic approach to modern caries management combines new, evidence-based treatment techniques ... Caries Management-Science and Clinical Practice Caries Management-Science and Clinical Practice · The Disease: 1 Ecology of the Oral Cavity · The Disease: 2 Etiology and Pathogenesis of Caries · The Disease: ... Caries Management - Science and Clinical Practice Covering the

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