Life Science

Grade 12

PAPER 1



Oute: SEPTEMBER 2024

Time: 2 % HOURS

Mark: 550

#### INSTRUCTIONS AND INFORMATION

Read the following instruction carefully before answering the questions.

- Answer ALL questions.
- Write ALL the answers on the provided FOLIO PAPER.
- RIOLE OFF after each question.
- 4 Start each section on a NEW page.
- Number the answers correctly according to the numbering system used in this question paper.
- Present your answers according to the instructions for each question.
- Do ALL drawings in pencil and label them in blue pen-
- Draw slagrams or flow charts only when asked to do so.
- The diagrams in this question paper are NOT all drawn to scale.
- 10 You may use a non-programmable calculator, protractor, and compans.
- 111 You may NOT use graph paper.
- 12. Write neatly and legibly.

EXAM AGREEMENT	
 (Name & Sumane); Grade	

hereby acknowledge that I will abide by all examination rules objudited below during the writing of my LIFE. SCIENCE evans.

#### RULES:

- I will not have any electronic equipment in my possession (cell phones, smart watches and earphones).
- 2. I will not cause any disruption during this exam in the exam venue.
- 3. I will be honest at all times.

All rules, as discussed with me, will be honoured and obeyed.

Learner Signature

#### SECTION A Question 1

- Various options are provided as possible answers to the following questions. Choose the correct answer and write only the letter (A to D) next to the question number ( 1,1.1 to 1.1.10) on the FOLIO PAPER, for example 1.1.6 E.
- 1.1.1 Hollow, pear-shaped organ.
  - Vagina.
  - Uherus.
  - Fallopian tubes
  - Placents.
- 1.1.2 Choose the letter that does not explain the process of oogenesis.
  - The diploid germinal epithelium cells of the ovaries go through the process of mitosis. to form many folicies.
  - Every 21 days, the folicle stimulating hormone (FSH) stimulates one folicle. Only one cell inside of that folicie enlarges and goes through the process of meiosis.
  - Out of the 4 haploid cells produced through melosis, only one cell will survive to form a mature ovum.
  - The other three cells from meiosis will degenerate.
- 1.1.3 Before copulation the male sperm is stored temporarily in the ...
  - seminal vesicles.
  - sorotum.
  - prostate pland
  - epididymis.
- 1.1.4 Structure that receives a stimulus and converts it into an impulse.
  - autonomic nervous system.
  - effector
  - stimulus.
  - receptor

REPORT.

# Life Science Grade 1exemplar Paper September 2013

**Rosina Ehmann** 

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#### Table of Contents Life Science Grade 1exemplar Paper September 2013

- 1. Understanding the eBook Life Science Grade 1exemplar Paper September 2013
  - The Rise of Digital Reading Life Science Grade 1exemplar Paper September 2013
  - Advantages of eBooks Over Traditional Books
- 2. Identifying Life Science Grade 1exemplar Paper September 2013
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
- 3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an Life Science Grade 1exemplar Paper September 2013
  - User-Friendly Interface
- 4. Exploring eBook Recommendations from Life Science Grade 1exemplar Paper September 2013
  - Personalized Recommendations
  - Life Science Grade 1exemplar Paper September 2013 User Reviews and Ratings
  - Life Science Grade 1exemplar Paper September 2013 and Bestseller Lists
- 5. Accessing Life Science Grade 1exemplar Paper September 2013 Free and Paid eBooks
  - Life Science Grade 1exemplar Paper September 2013 Public Domain eBooks
  - Life Science Grade 1exemplar Paper September 2013 eBook Subscription Services
  - Life Science Grade 1exemplar Paper September 2013 Budget-Friendly Options
- 6. Navigating Life Science Grade 1 exemplar Paper September 2013 eBook Formats

- o ePub, PDF, MOBI, and More
- Life Science Grade 1exemplar Paper September 2013 Compatibility with Devices
- Life Science Grade 1exemplar Paper September 2013 Enhanced eBook Features
- 7. Enhancing Your Reading Experience
  - o Adjustable Fonts and Text Sizes of Life Science Grade 1exemplar Paper September 2013
  - Highlighting and Note-Taking Life Science Grade 1exemplar Paper September 2013
  - Interactive Elements Life Science Grade 1exemplar Paper September 2013
- 8. Staying Engaged with Life Science Grade 1exemplar Paper September 2013
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Life Science Grade 1exemplar Paper September 2013
- 9. Balancing eBooks and Physical Books Life Science Grade 1exemplar Paper September 2013
  - Benefits of a Digital Library
  - o Creating a Diverse Reading Collection Life Science Grade 1exemplar Paper September 2013
- 10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
- 11. Cultivating a Reading Routine Life Science Grade 1exemplar Paper September 2013
  - Setting Reading Goals Life Science Grade 1exemplar Paper September 2013
  - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Life Science Grade 1exemplar Paper September 2013
  - $\circ\,$  Fact-Checking eBook Content of Life Science Grade 1 exemplar Paper September 2013
  - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
  - $\circ\,$  Utilizing eBooks for Skill Development
  - Exploring Educational eBooks
- 14. Embracing eBook Trends
  - Integration of Multimedia Elements
  - Interactive and Gamified eBooks

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