Life Science

Grade 12

PAPER 1





Time: 2 % HOURS

Mark: 150

INSTRUCTIONS AND INFORMATION

Read the following instruction carefully before answering the questions.

- Answer ALL questions.
- Write ALL the answers on the provided FOLIO PAPER.
- RISE OFF after each question.
- Start each section on a MERI 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 diagrams 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.
- 11. You may NOT use graph paper.
- 12: Write nearly and legibly.

EXAM AGREEMENT	
 (Name & Sumane); Grade	

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

PULES:

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

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

Learner, Signature

SECTION A

Question 1

- 1.1 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.
 - A. Vagina
 - Uterus
 - C. Fallopian tubes
 - D. Placenta
- 1.1.2 Choose the letter that does not explain the process of oogenesis.
 - A The diploid germinal epithelium cells of the ovaries go through the process of mitosis to form many folicies.
 - B Every 21 days, the folicle stimulating hormone (FSH) stimulates one folicle. Only one cell inside of that folicle enlarges and goes through the process of melosis.
 - C 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...
 - A seminal vesicles
 - B. scrotum
 - C. prostate pland
 - D. epididymis
- 1.1.4 Structure that receives a stimulus and converts it into an impulse
 - A autonomic nervous system
 - effector
 - C. stimulus
 - D. receptor

THE BUILDINGS.

Grade 1june 2013 Life Sciences Memorandum

Annelies Wilder-Smith

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Table of Contents Grade 1june 2013 Life Sciences Memorandum

- 1. Understanding the eBook Grade 1june 2013 Life Sciences Memorandum
 - The Rise of Digital Reading Grade 1june 2013 Life Sciences Memorandum
 - Advantages of eBooks Over Traditional Books
- 2. Identifying Grade 1june 2013 Life Sciences Memorandum
 - 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 Grade 1june 2013 Life Sciences Memorandum
 - User-Friendly Interface
- 4. Exploring eBook Recommendations from Grade 1june 2013 Life Sciences Memorandum
 - Personalized Recommendations
 - Grade 1june 2013 Life Sciences Memorandum User Reviews and Ratings
 - Grade 1june 2013 Life Sciences Memorandum and Bestseller Lists
- 5. Accessing Grade 1june 2013 Life Sciences Memorandum Free and Paid eBooks
 - Grade 1june 2013 Life Sciences Memorandum Public Domain eBooks
 - Grade 1june 2013 Life Sciences Memorandum eBook Subscription Services
 - o Grade 1june 2013 Life Sciences Memorandum Budget-Friendly Options

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

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