



Date: SEPTEMBER 2024

Time: 2 ½ HOURS

Mark: 150

**INSTRUCTIONS AND INFORMATION**

Read the following instruction carefully before answering the questions.

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

**EXAM AGREEMENT**

I, \_\_\_\_\_ (Name &amp; Surname), Grade \_\_\_\_\_

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

1. 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**

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
- B. 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 follicles.
- B. Every 21 days, the follicle stimulating hormone (FSH) stimulates one follicle. Only one cell inside of that follicle enlarges and goes through the process of meiosis.
- C. Out of the 4 haploid cells produced through meiosis, only one cell will survive to form a mature ovum.
- D. 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 gland
- D. epididymis

1.1.4 Structure that receives a stimulus and converts it into an impulse

- A. autonomic nervous system
- B. effector
- C. stimulus
- D. receptor

# Life Science Grade 12 September 2014 Questions And Memo

**Ensheng Dong**



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## **Table of Contents Life Science Grade 12 September 2014 Questions And Memo**

1. Understanding the eBook Life Science Grade 12 September 2014 Questions And Memo
  - The Rise of Digital Reading Life Science Grade 12 September 2014 Questions And Memo
  - Advantages of eBooks Over Traditional Books
2. Identifying Life Science Grade 12 September 2014 Questions And Memo
  - 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 12 September 2014 Questions And Memo
  - User-Friendly Interface
4. Exploring eBook Recommendations from Life Science Grade 12 September 2014 Questions And Memo
  - Personalized Recommendations
  - Life Science Grade 12 September 2014 Questions And Memo User Reviews and Ratings
  - Life Science Grade 12 September 2014 Questions And Memo and Bestseller Lists

5. Accessing Life Science Grade 12 September 2014 Questions And Memo Free and Paid eBooks
  - Life Science Grade 12 September 2014 Questions And Memo Public Domain eBooks
  - Life Science Grade 12 September 2014 Questions And Memo eBook Subscription Services
  - Life Science Grade 12 September 2014 Questions And Memo Budget-Friendly Options
6. Navigating Life Science Grade 12 September 2014 Questions And Memo eBook Formats
  - ePub, PDF, MOBI, and More
  - Life Science Grade 12 September 2014 Questions And Memo Compatibility with Devices
  - Life Science Grade 12 September 2014 Questions And Memo Enhanced eBook Features
7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Life Science Grade 12 September 2014 Questions And Memo
  - Highlighting and Note-Taking Life Science Grade 12 September 2014 Questions And Memo
  - Interactive Elements Life Science Grade 12 September 2014 Questions And Memo
8. Staying Engaged with Life Science Grade 12 September 2014 Questions And Memo
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Life Science Grade 12 September 2014 Questions And Memo
9. Balancing eBooks and Physical Books Life Science Grade 12 September 2014 Questions And Memo
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Life Science Grade 12 September 2014 Questions And Memo
10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
11. Cultivating a Reading Routine Life Science Grade 12 September 2014 Questions And Memo
  - Setting Reading Goals Life Science Grade 12 September 2014 Questions And Memo
  - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Life Science Grade 12 September 2014 Questions And Memo
  - Fact-Checking eBook Content of Life Science Grade 12 September 2014 Questions And Memo
  - Distinguishing Credible Sources
13. Promoting Lifelong Learning

- Utilizing eBooks for Skill Development
- Exploring Educational eBooks

#### 14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

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