



GRADE 12 LIFE SCIENCES MARCH TEST

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-D) next to the QUESTION NUMBER (i.e. 1.1.1-1.1.4) on your answer sheet, for example 1.1.1. D.

- 1.1.1 Base that pairs with Uracil

A. Thymine
B. Guanine
C. Adenine
D. Cytosine

- 1.1.2 Bond found between amino acids in a protein

A. Hydrogen bond
B. Hydrophobic bond
C. Disulfide bond
D. Ionic bond

- 1.1.3 THREE adjacent bases found in a DNA or mRNA molecule

A. Polynucleotide
B. Nucleoside
C. Nucleotide
D. Polypeptide

- 1.1.4 Structure where sperm matures

A. Epididymis
B. Vas deferens
C. Prostate gland
D. Seminiferous tubule

(404)

- 1.2 Give the correct BIOLOGICAL TERM for each of the following statements (ONLY ONE word or phrase is correct for each statement)

- 1.2.1 The concentration of a solution is 0.1M
1.2.2 The very cellular structure of a cell is known as the cell's
1.2.3 The type of mutation with that occurs as a single strand
1.2.4 The rough surface of the inner of a eukaryotic nucleus
1.2.5 The natural structure of a DNA molecule
1.2.6 The type of mutation with that occurs as a single strand

(404)

- 1.2.7 Indicate whether each of the statements in COLUMN I applies to A, ONLY; B, ONLY; BOTH A and B or NONE of the items in COLUMN II. Write (ONLY) A, ONLY; B, ONLY; BOTH A and B or NONE next to the QUESTION NUMBER (i.e. 1.2.7-1.2.9).

	COLUMN I	COLUMN II
1.2.7	Released by the plasma pump	A. Prokaryotic B. Eukaryotic
1.2.8	Thymine is used	A. Eukaryotic B. Prokaryotic
1.2.9	Contains RNA	A. Prokaryotic B. Eukaryotic

(404)

(TOTAL SECTION A: 20)

Grade Life Science Control Paper March 24

Rachel Sandford



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Grade Life Science Control Paper March 24 Book Review: Unveiling the Magic of Language

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Table of Contents Grade Life Science Control Paper March 24

1. Understanding the eBook Grade Life Science Control Paper March 24
 - The Rise of Digital Reading Grade Life Science Control Paper March 24
 - Advantages of eBooks Over Traditional Books
2. Identifying Grade Life Science Control Paper March 24
 - 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 Life Science Control Paper March 24
 - User-Friendly Interface
4. Exploring eBook Recommendations from Grade Life Science Control Paper March 24
 - Personalized Recommendations
 - Grade Life Science Control Paper March 24 User Reviews and Ratings
 - Grade Life Science Control Paper March 24 and Bestseller Lists

5. Accessing Grade Life Science Control Paper March 24 Free and Paid eBooks
 - Grade Life Science Control Paper March 24 Public Domain eBooks
 - Grade Life Science Control Paper March 24 eBook Subscription Services
 - Grade Life Science Control Paper March 24 Budget-Friendly Options
6. Navigating Grade Life Science Control Paper March 24 eBook Formats
 - ePub, PDF, MOBI, and More
 - Grade Life Science Control Paper March 24 Compatibility with Devices
 - Grade Life Science Control Paper March 24 Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Grade Life Science Control Paper March 24
 - Highlighting and Note-Taking Grade Life Science Control Paper March 24
 - Interactive Elements Grade Life Science Control Paper March 24
8. Staying Engaged with Grade Life Science Control Paper March 24
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Grade Life Science Control Paper March 24
9. Balancing eBooks and Physical Books Grade Life Science Control Paper March 24
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Grade Life Science Control Paper March 24
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Grade Life Science Control Paper March 24
 - Setting Reading Goals Grade Life Science Control Paper March 24
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Grade Life Science Control Paper March 24
 - Fact-Checking eBook Content of Grade Life Science Control Paper March 24
 - 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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