



## 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 (1.1.1-1.1.4) on your answer sheet, for example 1.1.5. D.

1.1.1 Base that pairs with Uracil.

- A Adenine
- B Cytosine
- C Guanine
- D Uracil

1.1.2 Bond found between amino acids in a protein.

- A Tripeptide bond
- B Polypeptide bond
- C Phosphodiester bond
- D Hydrogen bond

1.1.3 THREE adjacent bases found on a DNA or m-RNA molecule...

- A Anticodon
- B Codon
- C Replicon
- D Replicon

1.1.4 Structure where sperm matures.

- A Testis
- B Epididymis
- C Vas deferens
- D Seminal vesicle

[1x2=2]

1.2 Give the correct BIOLOGICAL TERM for each of the following statements. Write the name of the biological structure in CAPITAL LETTERS.

- 1.1 The process by which a cell divides to produce two daughter cells.
- 1.2 The single strand of DNA that is complementary to the template strand.
- 1.3 The type of nucleic acid that occurs as a single strand.
- 1.4 The single strand of DNA that is complementary to the template strand.
- 1.5 The natural structure of a DNA molecule.
- 1.6 The process by which a cell divides to produce two daughter cells.

[1x6=6]

1.3 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 **A** ONLY, B ONLY, BOTH A and B or NONE next to the QUESTION NUMBER (1.3.1-1.3.3).

	COLUMN I	COLUMN II
1.3.1	Released by the pituitary gland	A. Progesterone B. Oestrogen
1.3.2	Thymine is used.	A. Replication of DNA B. Transcription of DNA
1.3.3	Contains RNA	A. Mitochondrion B. Nucleolus

[3x2=6]

(TOTAL SECTION A: 28)

# Life Science March Common Paper For Grade12 2014

**Lei Huang**



## **Life Science March Common Paper For Grade12 2014:**

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**Complete Book of Colleges, 2005 Edition** Princeton Review (Firm),2004-07-20 Up to date information on 1 780 colleges and universities

The Electrical Engineer ,1911

**Sessional Papers** Canada. Parliament,1908 Report of the Dominion fishery commission on the fisheries of the province of Ontario 1893 issued as an addendum to vol 26 no 7

**Unforgettable** W. Michael Gray,2016-10-12 We have an uneasy relationship with the relentless deluge of information gushing out of academia and our media outlets To turn it off is escapist but to attempt to cognitively grapple with it is overwhelming In Unforgettable Enabling Deep and Durable Learning a nationally recognized master teacher gives professors and their students the means to chart a clear path through this information explosion Humans crave explanatory patterns and this book enables teachers to think deeply about their academic disciplines to find and articulate their core explanatory principles and to engage their students in a compelling way of thinking An alternative title for this book could be Why the Best College Teachers Do What They Do because the author articulates a compelling rationale that will equip faculty to create and deliver transformative courses Students in transformative courses grapple with essential questions and gain mental muscle that equips them for real world challenges

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**Report of the Annual Meeting of the South African Association for the Advancement of Science** ,2006

**Indicator and National Journal of Insurance** ,1895

*Oberlin Alumni Magazine* ,1924

Mining American ,1910

**Publishers' Circular and General Record of British and Foreign Literature, and Booksellers' Record** ,1893

**The College Handbook** College

Entrance Examination Board,1998 Presents information on 4 year colleges and universities and 2 year community colleges and technical schools      *The Spectator* ,1906 A weekly review of politics literature theology and art      **Western Construction** ,1930      *Western Construction News* ,1930      National Safety News ,1924      *The United States Army and Navy Journal and Gazette of the Regular and Volunteer Forces* ,1906      **Municipal Journal** ,1913      Our Darlings ,1901  
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