

# Provincial Department of Education - North Western Province Third Term Test 2020

#### Grade 10

## Science I

Time - one hour

#### Name / Index number:

- Answer all questions.
- In each of the questions 1 to 40, pick one of the alternatives (1), (2), (3), (4) which you consider
  as correct or most appropriate.
- Marks a cross (x) on the number corresponding to your choice in the answer sheet provided.
- The proteins which catalyze the chemical reactions in a cell or body are known as,
  - High proteins

2) Amino acids

Enzymes

- 4) Antibodies
- 02. What are the factors which affect the pressure created by a liquid column?
  - Vertical height of the liquid column, Density of liquid and Gravitational acceleration.
  - 2) Liquid volume, Density of liquid and Gravitational acceleration.
  - Density of liquid, Gravitational acceleration and Weight of liquid column.
  - Vertical height of the liquid column, Density of liquid and Up thrust.
- The maximum number of electrons that may present in M energy level of first 20 elements in the periodic table is,
  - 1) 2

2) 8

3) 18

- 4) 32
- A and B diagrams show replicas created by students to show two organelles of a typical cell. These replicas represent.
  - 1) Golgi body and mitochondria
  - 2) Chloroplast and endoplasmic reticulum
  - 3) Endoplasmic reticulum and Golgi complex
  - 4) Mitochondria and chloroplast

Salaton Contract



- The nature of motion of a fruit which was released from its petiole is,
  - Uniform velocity
  - 2) Uniform deceleration
  - 3) Uniform acceleration
  - 4) Acceleration which increases gradually
- 06. What is the disease which is sexually transmitted by a bacterium?
  - AIDS

- 2) Gonorrhea
- 3) Genital warts

Herpes

# **Grade 10 Science Exam Papers**

**Nicole Hussey** 

Grade 10 Science Exam Papers: Bestsellers in 2023 The year 2023 has witnessed a remarkable surge in literary brilliance, with numerous captivating novels captivating the hearts of readers worldwide. Lets delve into the realm of bestselling books, exploring the fascinating narratives that have charmed audiences this year. The Must-Read: Colleen Hoovers "It Ends with Us" This poignant tale of love, loss, and resilience has gripped readers with its raw and emotional exploration of domestic abuse. Hoover skillfully weaves a story of hope and healing, reminding us that even in the darkest of times, the human spirit can triumph. Uncover the Best: Taylor Jenkins Reids "The Seven Husbands of Evelyn Hugo" This spellbinding historical fiction novel unravels the life of Evelyn Hugo, a Hollywood icon who defies expectations and societal norms to pursue her dreams. Reids compelling storytelling and compelling characters transport readers to a bygone era, immersing them in a world of glamour, ambition, and self-discovery. Discover the Magic: Delia Owens "Where the Crawdads Sing" This evocative coming-of-age story follows Kya Clark, a young woman who grows up alone in the marshes of North Carolina. Owens spins a tale of resilience, survival, and the transformative power of nature, captivating readers with its evocative prose and mesmerizing setting. These popular novels represent just a fraction of the literary treasures that have emerged in 2023. Whether you seek tales of romance, adventure, or personal growth, the world of literature offers an abundance of engaging stories waiting to be discovered. The novel begins with Richard Papen, a bright but troubled young man, arriving at Hampden College. Richard is immediately drawn to the group of students who call themselves the Classics Club. The club is led by Henry Winter, a brilliant and charismatic young man. Henry is obsessed with Greek mythology and philosophy, and he quickly draws Richard into his world. The other members of the Classics Club are equally as fascinating. Bunny Corcoran is a wealthy and spoiled young man who is always looking for a good time. Charles Tavis is a guiet and reserved young man who is deeply in love with Henry. Camilla Macaulay is a beautiful and intelligent young woman who is drawn to the power and danger of the Classics Club. The students are all deeply in love with Morrow, and they are willing to do anything to please him. Morrow is a complex and mysterious figure, and he seems to be manipulating the students for his own purposes. As the students become more involved with Morrow, they begin to commit increasingly dangerous acts. The Secret History is a exceptional and thrilling novel that will keep you wondering until the very end. The novel is a cautionary tale about the dangers of obsession and the power of evil.

https://staging.conocer.cide.edu/book/detail/index.jsp/future\_of\_population\_growth.pdf

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