



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.
- Mark a cross (x) on the number corresponding to your choice in the answer sheet provided.

01. The proteins which catalyze the chemical reactions in a cell or body are known as,
1) High proteins. 2) Amino acids
3) Enzymes 4) Antibodies
02. What are the factors which affect the pressure created by a liquid column?
1) Vertical height of the liquid column, Density of liquid and Gravitational acceleration.
2) Liquid volume, Density of liquid and Gravitational acceleration.
3) Density of liquid, Gravitational acceleration and Weight of liquid column.
4) Vertical height of the liquid column, Density of liquid and Up thrust.
03. 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
04. 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
- 
05. The nature of motion of a fruit which was released from its petiole is,
1) 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?
1) AIDS 2) Gonorrhea 3) Genital warts 4) Herpes



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JS Bruner



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web elements in the second row of the periodic table place their electrons in the $2n$ shell as well as the $1n$ shell for instance lithium li has three electrons two fill the $1s$ orbital and the third is placed in the $2s$ orbital giving an electron configuration of $1s^2 2s^1$

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