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LIMPOPO
PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF
EDUCATION

MOPANI WEST
NATURAL SCIENCES
GRADE 9

Date: 15 MARCH 2023 (CONTROLLED TEST MEMORANDUM)

MARKS: 70

DURATION: 90 MINUTES

TERM 1

NAME OF LEARNER: _____

NAME OF SCHOOL: _____

Mark obtained

QUESTION 1

1.1. C ✓

1.2. B ✓

1.3. A ✓

1.4. B ✓

1.5. A ✓

[5 x 1 = 5]

QUESTION 2

2.1. C ✓

2.2. A ✓

2.3. E ✓

2.4. B ✓

2.5. D ✓

[5x1=5]

QUESTION 3

3.1. OESOPHAGUS, PERISTALSIS✓✓

3.2. PUBERTY ✓

3.3. BREATHING✓

3.4. VACUOLE✓

3.5. HEART✓

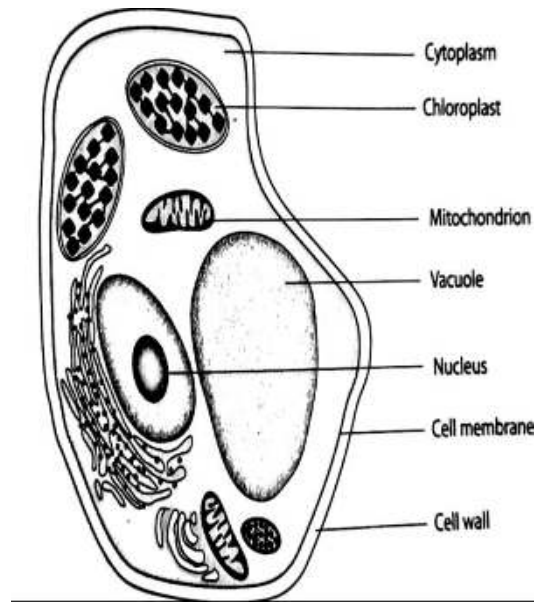
[6]

QUESTION 4

4.1. Plant cell ✓

Give one mark for the structure ✓

Give three marks for any three correct labels. ✓



4.2.

- VACOULE: stores substances. ✓
- Mitochondrion: process of respiration take place ✓
- Cell: protects the material that goes in and out of cell. ✓

4.3. Give a mark for the table. ✓

Plant cell	Animal cell.
Have chloroplast. ✓	No chloroplast . ✓
Have a large vacuole. ✓	None or small vacuole. ✓

[13]

Question 5

5.1. Digestive system ✓

5.1.1. A Oesophagus ✓

B Stomach ✓

C Small intestine ✓

5.1.2. A. Liver ✓

B. Small Intestine ✓

C. Stomach ✓

5.2

5.2.1 - Proteins ✓

- Fibres ✓

- Vitamins ✓

- Carbohydrates ✓

Or

Minerals ✓

Fats and Oil ✓

[11]

Question 6**Reproduction System**

6.1 - The formation of new individual ✓✓

- Continuation of generation to generation ✓✓

- Prevention of extinction of human species ✓✓

Only one of the above

(2)

6.2 A Male ✓

B Female ✓

(2)

6.3 Urethra ✓

6.4 Part 1 – Sperm-duct ✓

Part 4- Testes ✓

Part 6- Scrotum ✓ (3)

6.5

6.5.1 Part 1✓ Fallopian tubes ✓ (2)

6.5.2 Part 4✓ Vagina ✓ (2)

[13]

Question 7

7.1 Digestive system ✓

- Reproduction system✓
- Excretion ✓
- Circulatory system ✓
- Musculoskeletal system ✓
- Nervous system ✓
- Respiratory system ✓

7.2

Cell	Tissue	Organ	System	Organism
White blood cell✓	Blood✓	Heart✓	Nervous✓	Lion✓
Muscle cell✓		Stomach✓		Bee✓
		Kidney✓		

Give one mark for each answer [17]

TOTAL MARK = 70