



LIMPOPO

PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF EDUCATION

**SEKHUKHUNE SOUTH DISTRICT MARKING
GUIDELINES**

NATURAL SCIENCES

GRADE 7 TERM 1 TEST

TOTAL: 60

QUESTION 1

- 1.1. A✓
- 1.2. D✓
- 1.3. B✓
- 1.4. A✓
- 1.5. A✓
- 1.6. B
- 1.7. A✓
- 1.8. C✓
- 1.9. C✓
- 1.10. D✓ (10x1=10)

QUESTION 2

- 2.1. false✓
- 2.2. True✓
- 2.3. False✓
- 2.4. False✓
- 2.5. False✓ (5x1=5)

QUESTION 3

3.1. E✓

3.2. C✓

3.3. A✓

3.4. F✓

3.5. B✓ (5x1=5)

SECTION B

QUESTION 4

4.1. The biosphere is the part of the Earth's crust that supports life. ✓ (learners get a mark for any other relevant answer) (1)

4.2. 1- Atmosphere✓ (1)

2- Hydrosphere✓ (1)

3- Lithosphere✓ (1)

4.3. The hydrosphere- 2✓ (1)

QUESTION 5

5.1.1. An ant✓ (1)

5.1.2. Arthropod✓ (1)

5.1.3. It is an invertebrate. It has no backbone. ✓✓ (2)

5.2. Vertebrates are animals with backbones and an internal skeleton, invertebrates are animals that do not have backbones and do not possess an internal skeleton✓✓. (2) (Learners should be awarded marks for any other relevant differences that they wrote down)

5.3. Fish, birds, amphibians, mammals and reptiles✓✓ (Any two) (2)

QUESTION 6

6.1. Gymnosperms are types of plants that reproduce by seeds not contained in a flower and angiosperms have seeds that are produced in the flowers. ✓✓

OR

Gymnosperms have naked seeds and angiosperms have enclosed seeds. (Learners should be awarded for any other relevant difference that they noticed)

6.2.

	monocotyledons	dicotyledons
Leaves	Veins usually parallel✓	Veins usually netlike✓
Root system	Fibrous root system✓	Taproot usually present✓
Flowers	Floral part usually in multiples of three✓	Floral parts usually in multiples of four or five✓

(6)

QUESTION 7

7.1.1. The stamen is the male reproductive part of the flower✓✓ which produces pollen. ✓✓ (2)

7.1.2. The pistil which is made up of the stigma, style and ovary is the female sex organs and it captures or receives the pollen. ✓✓ (2)

7.2.1. Pollination✓ (1)

7.2.2. Water, wind, birds and insects can assist in pollination. ✓✓✓ (any 3 factors) (3)

QUESTION 8

8.1.1. The male reproductive system. ✓ (1)

8.1.2. 1- Vas deferens/sperm duct✓ (1)

3-Urethra✓ (1)

8.1.3. People engaging in sexual intercourse can use contraceptives to prevent fertilization from happening during the process. Using contraceptives such as condoms prevents sperm from fertilizing the egg and hence preventing pregnancy. ✓✓(Any other relevant answer) (2)

8.1.4. Teenage pregnancy can have negative social and economic effects on girls, their families and communities✓. Teenage moms may face stigma and rejection by parents and peers✓. It causes delays in their schooling causing them to drop out and have lower educational levels. Schools can make sure that family planning and educating learners about contraceptives at schools is instilled and well taught in the school curriculum and counsellors are brought in, in order to enforce the significance of prevention and safe sex✓. Parents can also be involved and talks can be organized by the school so that the teenagers are well equipped with information that will prevent them from engaging in risky sexual behavior. ✓ (Learners should be awarded marks for any other relevant explanation)

2 marks for implications

2 marks for preventative measures