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GAUTENG PROVINCE
EDUCATION
REPUBLIC OF SOUTH AFRICA

**GAUTENG DEPARTMENT OF EDUCATION
PROVINCIAL EXAMINATION
JUNE 2017
GRADE 9**

**NATURAL SCIENCES
ANSWER BOOK**

LEARNER'S NAME: _____

GRADE 9: _____

DATE: _____

TIME: 2 hours

MARKS: 100

12 pages

100

GAUTENG DEPARTMENT OF EDUCATION
PROVINCIAL EXAMINATION

NATURAL SCIENCES

TIME: 2 hours
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SECTION A**QUESTION 1****MULTIPLE-CHOICE QUESTIONS**

1.1	A	B	C	D
1.2	A	B	C	D
1.3	A	B	C	D
1.4	A	B	C	D
1.5	A	B	C	D
1.6	A	B	C	D
1.7	A	B	C	D
1.8	A	B	C	D

(8)

QUESTION 2**TERMINOLOGY**

- 2.1 _____
- 2.2 _____
- 2.3 _____
- 2.4 _____
- 2.5 _____
- 2.6 _____

(6)**QUESTION 3****MATCHING ITEMS**

- 3.1 _____
- 3.2 _____
- 3.3 _____
- 3.4 _____
- 3.5 _____
- 3.6 _____

(6)**TOTAL SECTION A: [20]**

SECTION B**LIFE AND LIVING THINGS****QUESTION 4****CELLS AS BASIC UNITS OF LIFE**

4.1 Structure A – _____

Structure B – _____ (2)

4.2 Structure A

Part 1 _____

Part 7 _____ (2)

4.3 _____

_____ (1)

4.4 Structure B

Part 3 _____

Part 6 _____ (2)

4.5 _____

_____ (1)

Structure A	Structure B
_____	_____

(2)

4.7 _____

(3)

(13)

P.T.O.

QUESTION 5**SYSTEMS IN THE HUMAN BODY**

5.1 Part 2 _____

Part 5 _____ (2)

5.2 _____

_____ (2)

5.3 _____

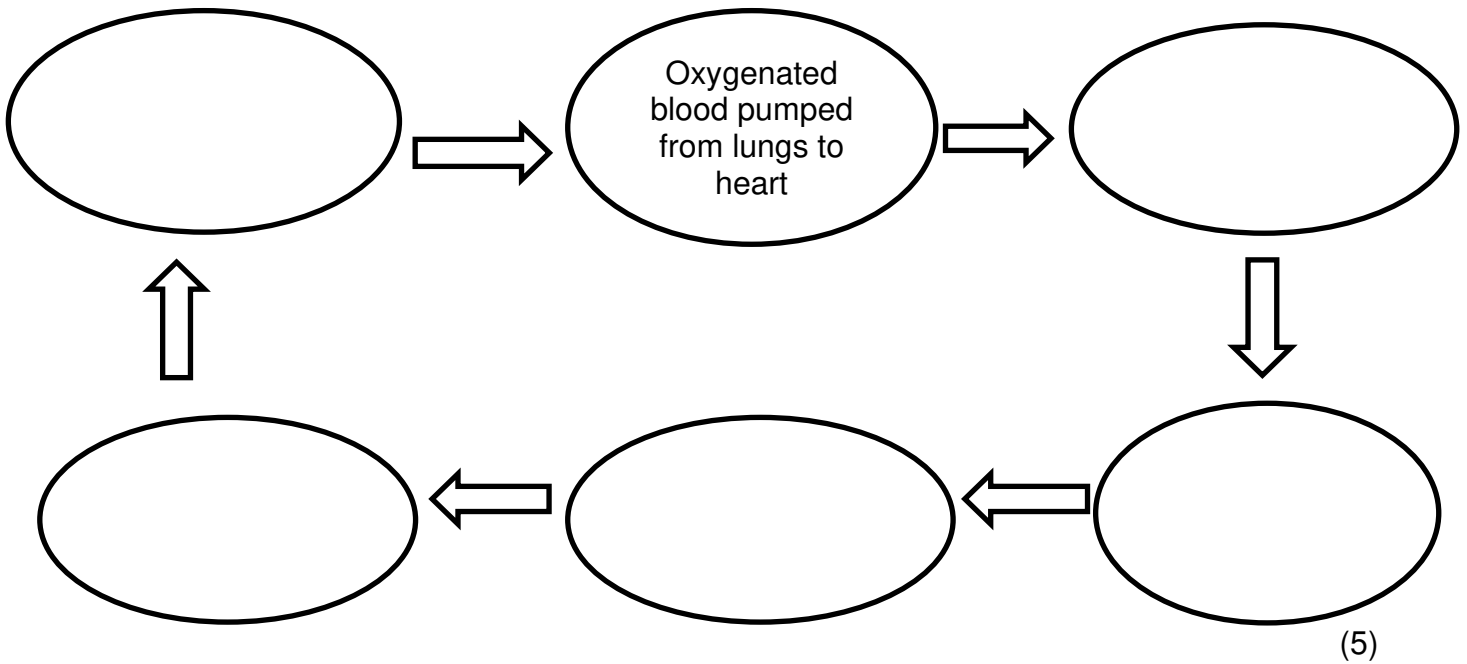
(4)

(8)

QUESTION 6

BREATHING, GASEOUS EXCHANGE, CIRCULATION AND RESPIRATION

6.1



6.2

(2)

6.3

	ARTERIES	VEINS
Direction of blood flow		
Type of blood transported		
Thickness of walls		

(3)
(10)

QUESTION 7**THE REPRODUCTIVE SYSTEM**

7.1 _____ (1)

7.2 _____ (1)

7.3 _____ (2)

7.4 _____ (2)

7.5 _____ (3)

_____ (9)

TOTAL SECTION B: [40]

SECTION C**MATTER AND MATERIALS****QUESTION 8****PERIODIC TABLE, ELEMENTS AND COMPOUNDS**

8.1 _____ (1)

8.2 _____ (1)

8.3 _____ (1)

8.4 _____ (1)

8.5 _____ (1)

8.6

(5)

8.7 8.7.1 _____ (1)

8.7.2 _____ (1)

(12)

QUESTION 9**ACIDS, BASES AND pH VALUES**

- 9.1 9.1.1 _____ (2)

- 9.1.2 _____ (2)
- 9.1.3 _____ (2)
- 9.1.4 _____ (1)
- 9.1.5 _____ (1)
- 9.1.6 _____ (1)
- 9.2 9.2.1 _____ (1)
- 9.2.2 _____ (1)
- 9.2.3 _____ (1)
(12)

QUESTION 10**REACTION OF NON-METALS WITH OXYGEN**

10.1 _____

(2)

10.2 _____

(2)

10.3

(3)

(7)

QUESTION 11**REACTION OF METALS WITH OXYGEN**

11.1 _____ (1)

11.2 _____ (1)

11.3 _____ (3)

11.4

(4)

(9)

TOTAL SECTION C: [40]

TOTAL: 100

END