

Meester 24-10-2017

Skryf 15-11-2017

Number:



L/S VAN DYK PRIMARY

EXAMINATION - TERM 4 2017

GRADE 4

H.O.D. INTERSEN PHASE
MODERATED
23-10-2017
G. Botes:

NATURAL SCIENCES AND TECHNOLOGY

DISTRICT: Ekurhuleni South District

NAME OF LEARNER: _____

GRADE: 4. ____

DATE: November 2016

DURATION: 1 HR

QUESTION	1	2	3	4	5	6	Total	LEVEL						
	6	4	6	8	10	6		1	2	3	4	5	6	7
MAXIMUM MARK							40							
LEARNER'S MARK														

INSTRUCTIONS

1. Answer all questions.
2. Ensure that all details on the cover page have been completed.
3. Spelling and grammar is important, please check your work before handing in your paper.

Question 1

Match the words in Column A with their meanings in Column B. Write down only the number from Column A and the matching letter from Column B in Column C: (e.g. 1.1 G)

COLUMN A	COLUMN B	COLUMN C
1.1. Star	A. Loud unwanted sounds	
1.2. Source of sound	B. Takes about 24 hours	
1.3. Noise pollution	C. Energy from the sun	
1.4. Day and night	D. To move to and fro with small, fast movements	
1.5. Solar energy	E. A giant ball of gas which releases energy	
1.6. Vibrations	F. Radio	

(6)

Question 2

State whether the following statements are **TRUE** or **FALSE**.

- 2.1. Light is the energy that travels in rays. _____
- 2.2. Piano is not a musical instrument. _____
- 2.3. The sun is very much bigger than the earth. _____
- 2.4. Mercury is the closest planet to the sun _____

(4)

Question 3

Explain the following words

3.1 Island:

3.2. Continent:

3.3. Atmosphere:

3.4. Surface:

(8)

Question 4

Look at the labels given in the box below about a rocket. Use these labels to DESIGN (draw) how a rocket system works.

The rocket is propelled upwards

Payload

Fuel is stored here

Fuel burns here

Gases shoot downwards

(6)

Question 5

5.1 Suggest **FOUR** reasons why the earth has a thin layer of air around it

- _____
- _____
- _____
- _____ (4)

5.2 What is it called? _____ (1)

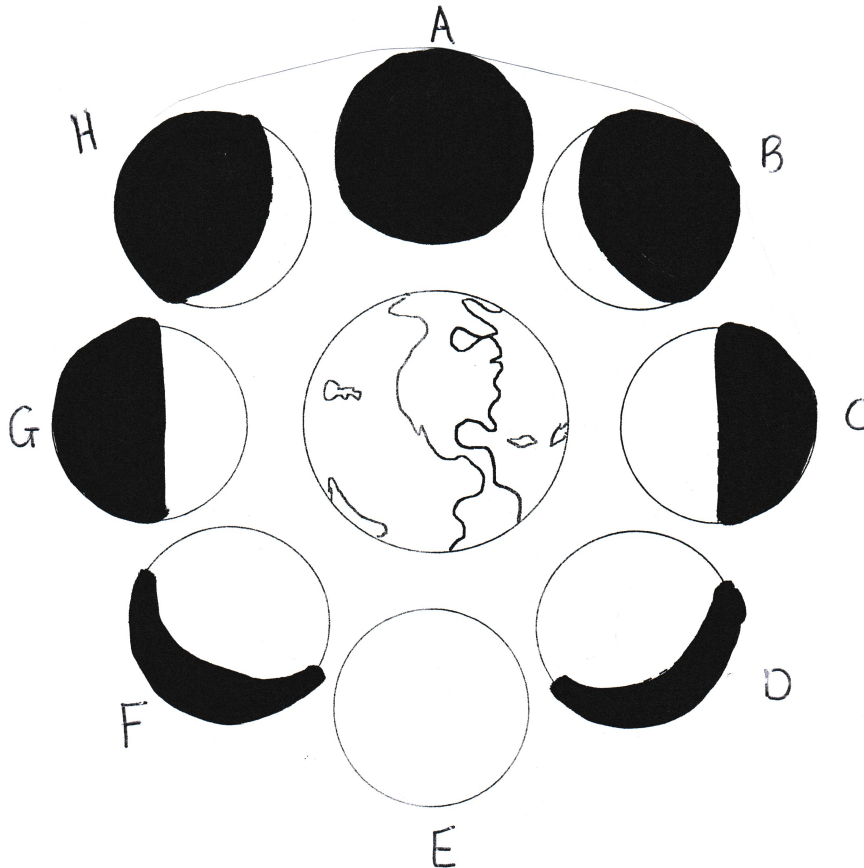
5.3 Draw it around the earth: (1)



(6)

Question 6

Look at the picture below and answer the questions that follow:



6.1. What is shown above? _____ (1)

6.2. How long is a Lunar month? _____ (1)

6.3. Write down the names of the above moon patterns? (8)

A.	B.	C.	D.
E.	F.	G.	H.

(10)

TOTAL: 40