

For control use only

Name: Index No:

School: Centre No:

Subject: Science

Republic of South Sudan
National Examinations Council
Certificate of Primary School Education
2025

For control use only

Subject: Science

Time: 2¹/₂ Hours

PICHS2022JU021106SCIP038

Instructions:

1. Write your name, index number, school and Centre Number clearly in appropriate space provided.
2. Answer all questions.
3. Read the questions carefully before answering.
4. No EXTRA paper will be provided to you beside what you have.

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Section	Questions	Marks Obtained	Marked By	Checked By
A	1			
	2			
	3			
B	1			
	2			
	3			
C	1			
	2			
	3			
Total	100			

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SECTION A (40 MARKS)

Question One (10 Marks)

Draw a circle around the letter of the correct answer from the alternatives a, b, c and d given below.

- 1. Which one of the following is an example of carnivores?**
 - a. Baboon.
 - b. Tiger.
 - c. Monkey.
 - d. Zebra.

- 2. When food is preserved, it is often possible to**
 - a. Change the nutrients of the food.
 - b. Change the colour of the food.
 - c. Retain the flavour of the food.
 - d. Retain the toxic of the food.

- 3. Which set of the conditions given below is the product of respiration?**
 - a. Water, carbon dioxide, light.
 - b. Water, carbon dioxide, energy.
 - c. Glucose, oxygen, light.
 - d. Glucose, oxygen, energy.





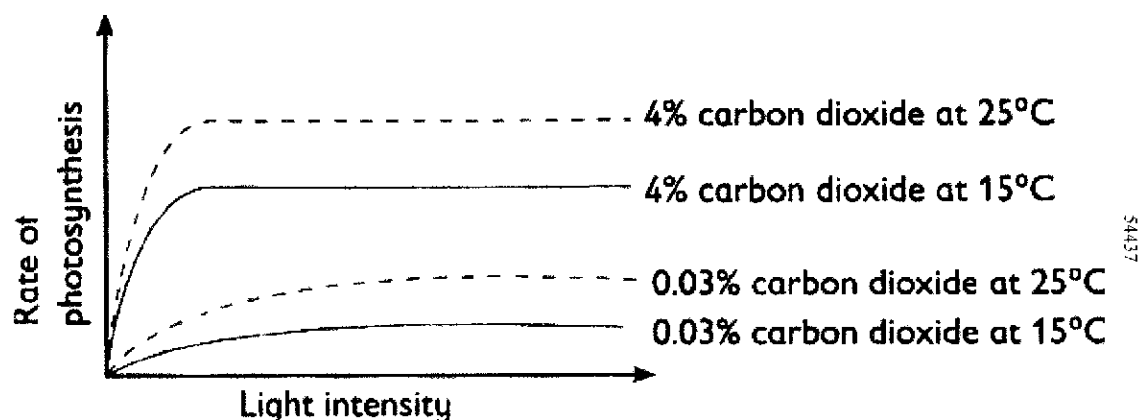
4. Which one of the following is not a raw material needed by plants to make their own food?

- a. Starch.
- b. Carbon dioxide.
- c. Water.
- d. Sunlight.

5. One of the common air borne disease is

- a. Typhoid.
- b. Elephantiasis.
- c. Malaria.
- d. Tuberculosis.

6. The graph below shows how the rate of photosynthesis is affected by the different conditions.



The patterns in the graph above shows that

- a. Increase in light intensity increases the rate of photosynthesis.
- b. Decrease in light intensity increase the rate of photosynthesis.
- c. When the rate of photosynthesis is stable, light intensity increases.
- d. When the rate of photosynthesis is stable, light intensity decreases.

7. A vacuum can be defined as a place which does not have

- a. Mass.





- b. Weight.
- c. Matter.
- d. Force.

8. The alcohol in beer, wines and spirits is called

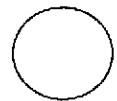
- a. Ethanol.
- b. Methanol.
- c. Tar.
- d. Nicotine.

9. Arteries

- a. Carry oxygenated blood from the parts of the body to the heart.
- b. Carry deoxygenated blood from the parts of the body to the heart.
- c. Carry deoxygenated blood from the heart to the parts of the body.
- d. Carry oxygenated blood from the heart to the parts of the body.

10. Pinhole camera produces

- a. An erect and small image.
- b. An erect and enlarged image.
- c. An inverted and small image.
- d. An inverted and enlarged image.





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Question Two (20 Marks)

Define the following terms:

1. Self-pollination:

.....
.....

2. Fertilization:

.....
.....

3. Constellation:

.....
.....

4. Global warming:

.....
.....

5. Translucent materials:

.....
.....

6. Parasites:

.....
.....

7. Gibbous:

.....
.....

8. Friction:

.....
.....

9. Humidity:

.....
.....

10. Wine vane:

.....
.....

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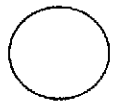
Question Three (10 Marks)

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Fill in the blank spaces with correct answers.

1. Random cutting down of trees without replacement is known as
.....
2. The process where birds keep eggs warm by sitting on them is refer to
as
3. In respiration, the reacting substances are and
.....
4. substances can be easily broken down
into harmless substances while
substances cannot be broken down.
5. are chemicals that are used to kill
insects and crop pests while are chemicals
used to kill plants such as weeds.
6. Jupiter is the planet of the solar system.
7. The process of digesting food involves
energy.

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SECTION B (30 MARKS)

Question One (10 Marks)

Write the word (TRUE) against the correct statement and the word (FALSE) against the wrong statement in the brackets provided.

1. One of the symptoms of cholera is pain in the lower abdomen. ()
2. Misuse of drugs means chewing drugs prescribed by a doctor incorrectly. ()
3. Fertilization in female takes place in the fallopian tube. ()
4. For electricity not to flow there has to be a complete circuit. ()
5. A circuit where cells are connected across each other is called parallel circuit. ()
6. One of the characteristics of air is that, it has definite shape and size. ()
7. Acids are characterized by containing sour taste. ()
8. Global warming is caused due to excessive carbon dioxide in the atmosphere. ()
9. The pH of strong acid ranges between 4 and 7. ()
10. Computers store vibration in the hard disk using electromagnetic energy. ()

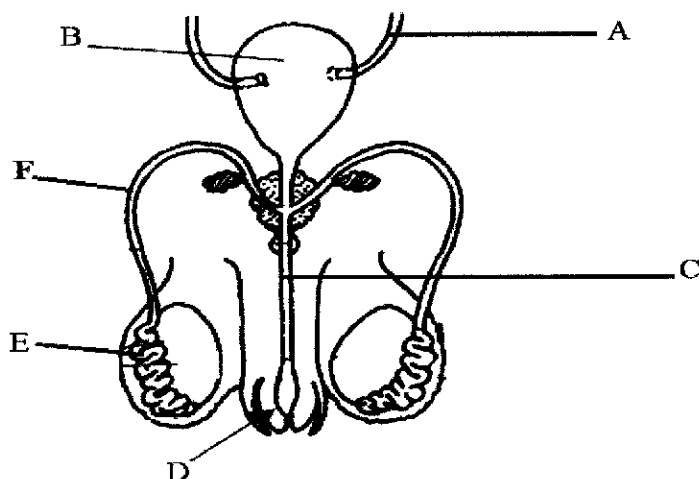
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Question Two (10 Marks)

The figure below shows human male reproductive system.



1. Name the parts labeled with letters A, B, C, D, E, & F. (6 marks)

A.
 B.
 C.
 D.
 E.
 F.

2. Give the function of the parts marked C and E. (1marks)

C.
 E.

3. Mention any two secondary sexual characters or changes that take place in boys. (2 marks)

A.
 B.



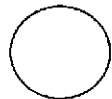
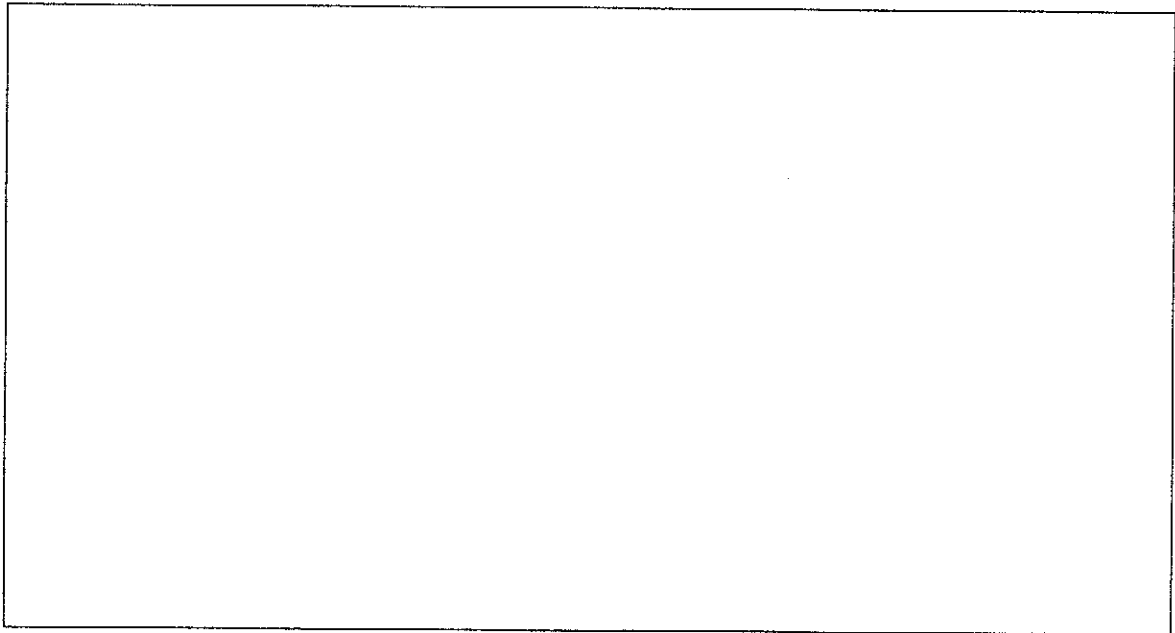


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Question Three (10 Marks)

In the space provided below, draw a diagram showing complete electric circuit with two electric cells arranged in series, and on it name the following parts respectively;

1. Conductor.
2. Dry cells.
3. Switch.
4. Ammeter.
5. Bulb.



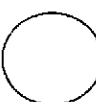
SECTION C (30 MARKS)

Question One (10 Marks)

Match the words in Column “A” with the words in Column “B” in the answer column.



S/No	Column “A”	Answer Column	Column “B”
1.	Food preservation		a) Uses light to form images
2.	Transpiration		b) Reflex actions
3.	Solute		c) Coordinates our body function
4.	Bilharzias treatment		d) Loss of water through the leaves
5.	Pinhole		e) Use of honey
6.	Nervous system		f) Substance that dissolve in liquid water
7.	Blinking of the eyes		g) The use of metrofinate
8.	Implantation		h) Mulching and shading
9.	Ectopic pregnancy		i) Zygote attaches itself on the walls of uterus
10.	Conservation of water		j) Zygote fails to move down to the uterus



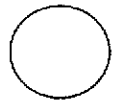
**Question Two (10 Marks)**

1. Outline any four (4) means in which animals depends on plants.

- a.
- b.
- c.
- d.

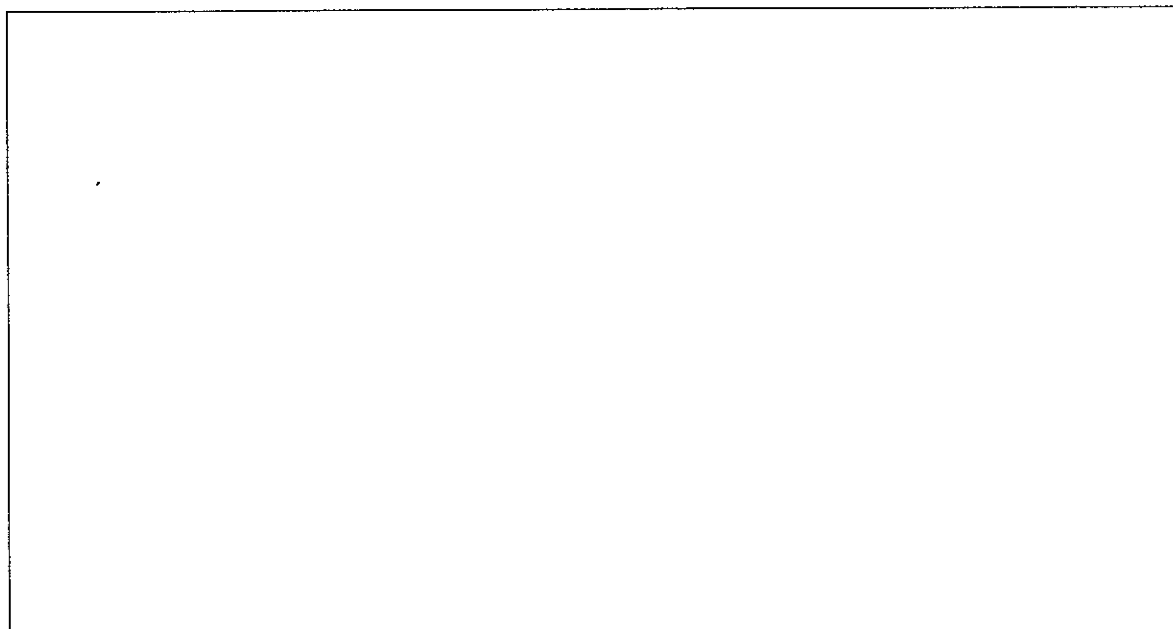
2. Mentions any two classes of levers, and give two examples to each class.

Type of lever	Example
A.	1
	2
B.	1
	2



Question Three (10 Marks)

With a help of a well labeled diagram, draw a structure of an egg showing at least six parts associated with the structure in the space provided below.



The end!