

INTENSIVE CARE SCHOOLS WANDI TEREGO DISTRICT

PRIMARY SIX EASTER PACKAGE 2024

MATHEMATICS

1. (a) Simplify the following:

(i) $2m - 7m + 17m$.

(ii) $16y - 2p - 4y + 7p$.

(b) Give that $x = 6$, $m = 4$ and $p = 10$. Find the value of:

(i) $\frac{xp}{p}$

(ii) $\frac{x+m}{6-4}$

(iii) mp

2. Workout:

(a) $\frac{2}{6} + \frac{1}{3} + \frac{1}{4}$

(b) $\frac{2}{8}$ of 16

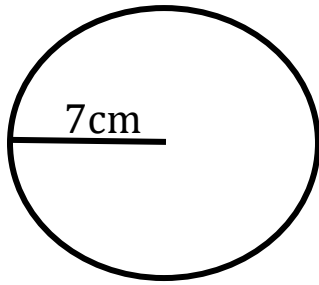
(c)
$$\begin{array}{r} 6 \ 3 \ 4 \text{ five} \\ - 2 \ 4 \ 5 \text{ five} \\ \hline \end{array}$$

3. (a) What number has been expanded to give:
 $(7 \times 10^2) + (3 \times 10^1) + (5 \times 10^0)$

(b) Write **2456** in words.

4. (a) Draw a line segment of **6cm** in the space below.

(b) Find the diameter of the circle below.



(c) Using a ruler, a sharp pencil and a pair of compasses only, construct a rectangle **WXYZ** in which **WX = 7cm** and **YZ = 5cm**.

(d) Measure the diagonal **YZ** in **cm**.

(e) Calculate the area of the rectangle.

5. (a) Use the table below to answer the questions that follow.

MARKS	70	90	80
NUMBER OF PUPILS	3	2	5

(i) Find the number of pupils who sat for the test.

(ii) Find the mean mark of the pupils.

(b) (i) Workout: $\frac{0.48 \times 0.6}{0.012}$

(ii) Add: $25.7 - 1.4 + 11.3$

(c) Change **0.6** to a common fraction.

6. (a) Convert the following minutes to hours:

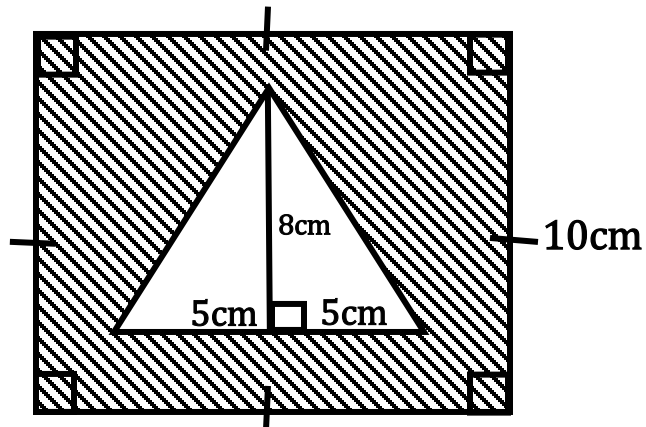
(i) **240 minutes.**

(ii) **360 minutes.**

(b) A man started digging at **6:00 a.m** and ended at **1:00 p.m.**
How long did he take digging the garden?

(c) A motorist traveling at a speed of **120km/hour** started his journey from Wakiso at **6:00a.m** and reached Kampala at **9:00a.m.** What distance did he cover?

7. Study the figure below carefully.

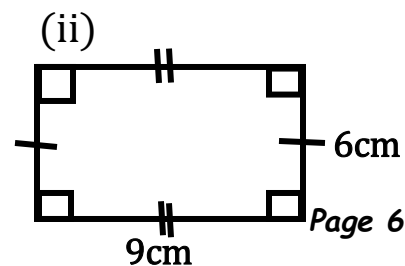
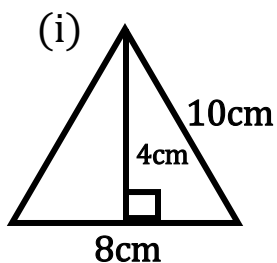


(a) Find the area of the triangle.

(b) Work out the area of the square.

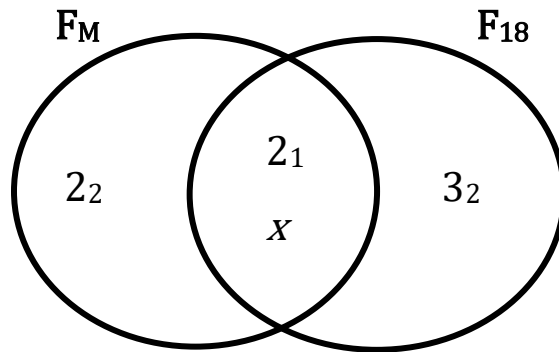
(c) Calculate the area of the shaded part.

8. (a) Calculate the area of the figures below:



- (b) Use a ruler, a sharp pencil and a pair of compasses to construct a triangle **MNP** where $\angle MNP = 90^\circ$, line **NM = 6cm** and **NP = 7cm**.
- (c) Measure line **MP** in cm.
- (d) In the space below, construct an angle of 60° .
- (e) Using a sharp pencil, a ruler and a pair of compasses only construct parallel lines **AB** and **CD** of **3cm** apart.

9. The venn diagram below shows the prime factors of **M** and **18**.

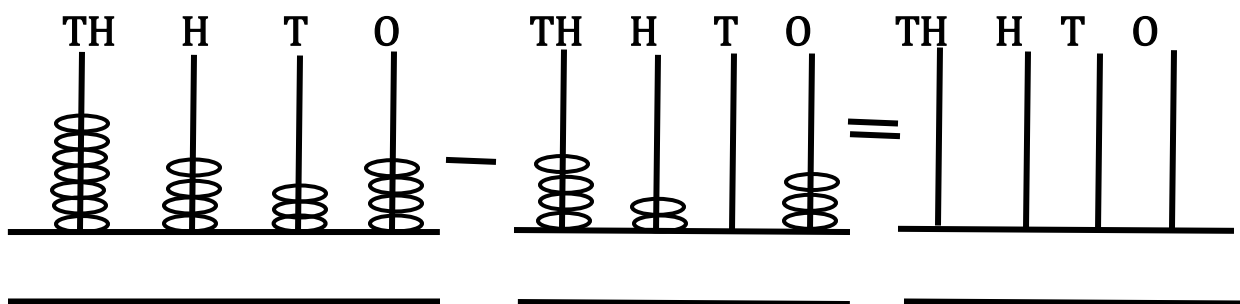


(a) Find the value of x .

(b) Workout the **GCF** of F_M and F_{18} .

(C) Calculate the Lowest Common Multiple of F_M and F_{18} .

10. The abacus below shows subtraction of two numbers, complete it correctly.



ENGLISH

Fill in the blank space with suitable word.

1. I would _____ be a proposer than an opposer.
2. Peter is the boy with _____ we went to debate Kalango Junior school.
3. Not _____ is John a footballer but also a first aider.
4. If we worked hard, we _____ pass this examination.
5. The traffic jam in Kampala is heavier _____ that of Arua town.

Rewrite as instructed in brackets.

6. He switched on the wipers. It was raining heavily.
(Use: as soon as)

7. I started crying as soon as I received the bad news.
(Begin: No sooner)

8. You should know the highway code.
(Use: ought to)

9. Marria uses a blanket. It is made out of wool. It is small. It is new. (Rewrite without using 'and'/'which'/'who'/'commas')

10. Many people like my father because he is generous.
(Use: due to)

INTEGRATED SCIENCE

1. (a) Write **PHC** in full.

(b) Write any two principles of **PHC**.

(i) _____

(ii) _____

(c) Which element of **PHC** is promoted when:

(i) one washes dirty clothes?

(ii) a family agrees on the number children they are to have in their family?

(d) State one way the community can participate in promoting **PHC**.

2. (a) What are vectors?

(b) Give three examples of insect vectors that cause diseases to humans.

(i) _____

(ii) _____

(iii) _____

(c) Define the term germs.

(d) Write **4Fs** in full in their correct order.

(e) Mention any two diseases spread through the **4Fs** germ path.

(i) _____ (ii) _____

(f) State any two health lifestyles that can help one control diseases spread through the **4Fs** germ path.

(i) _____

(ii) _____

3. (a) Define the following:

(i) Volume.

(ii) Mass.

(b) State the basic units used in the measurement of:

(i) Weight: _____

(ii) Mass: _____

(c) Mention two examples of instruments used in the measurement of mass and weight.

(i) _____

(ii) _____

(d) Define the following:

(i) Regular objects.

(ii) Irregular objects.

4. (a) Give the meaning of the term accident.

(b) State any three qualities of a good first aider.

(i) _____

(ii) _____

(iii) _____

(c) Give two advantages of giving first aid.

(i) _____

(ii) _____

(d) State the accident whose first aid is given as illustrated in the diagram below.



(e) Describe the accident whose first aid is given as shown in the pictures below:

(i)



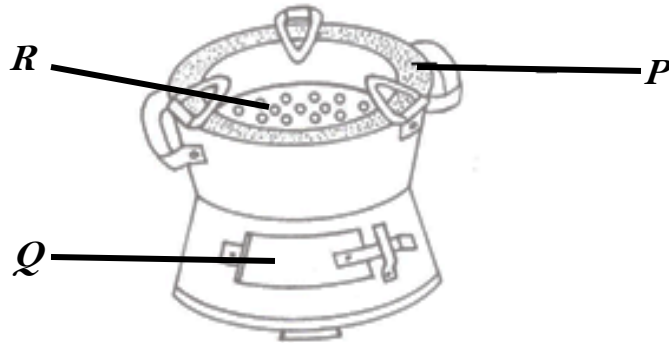
(ii)



(f) What first aid can be given to the boy burning with hot water in the picture below.



5. The diagram below is of an item used at home. Study and use it to answer the questions that follow.



(a) Name the item drawn above.

(b) Give the function of parts marked with letters *P*, *Q* and *R*.

(i) *P* _____

(ii) *Q* _____

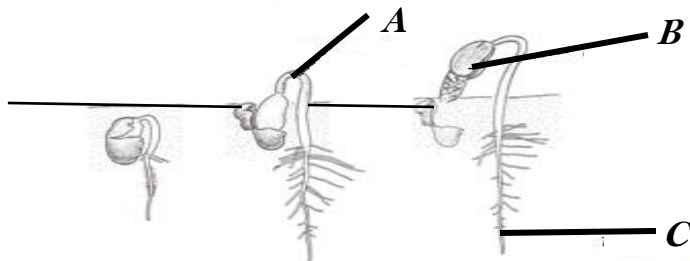
(iii) *R* _____

(c) Mention two materials used to make the above item.

(i) _____

(ii) _____

6. Study the diagram below carefully.



(a) Name the parts marked with letters *A*, *B* and *C*.

A _____ *B* _____ *C* _____

(b) What type of germination is shown in the diagram above?

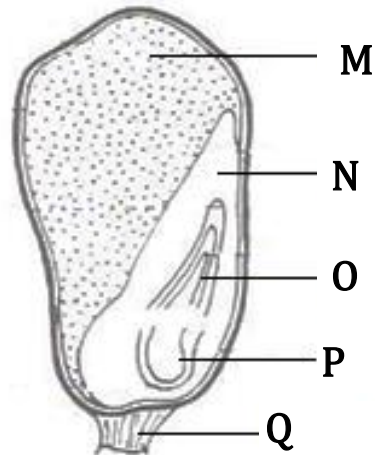
(c) Give three crops under the above type of germination.

(i) _____

(ii) _____

(iii) _____

- (d) The diagram below shows cross-section of maize seed.
Study and use it to answer questions that follow.



- (e) Name the parts marked M, P and Q.

M _____

N _____

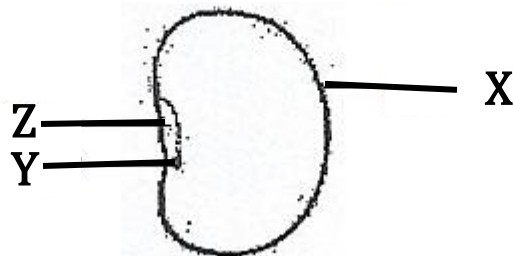
Q _____

- (f) What does the following parts develop into after fertilization.

(i) O _____

(ii) P _____

Diagram below shows external parts of a been seed, study it and answer the questions that follow.



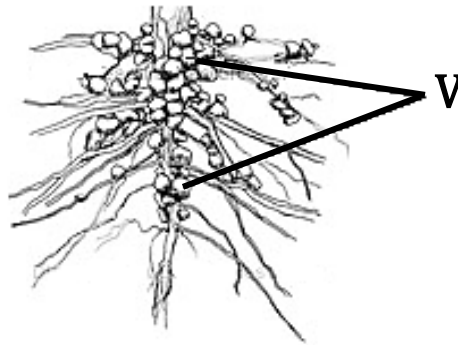
- (g) Name the parts marked X, Y and Z.

(i) X _____

(ii) Y _____

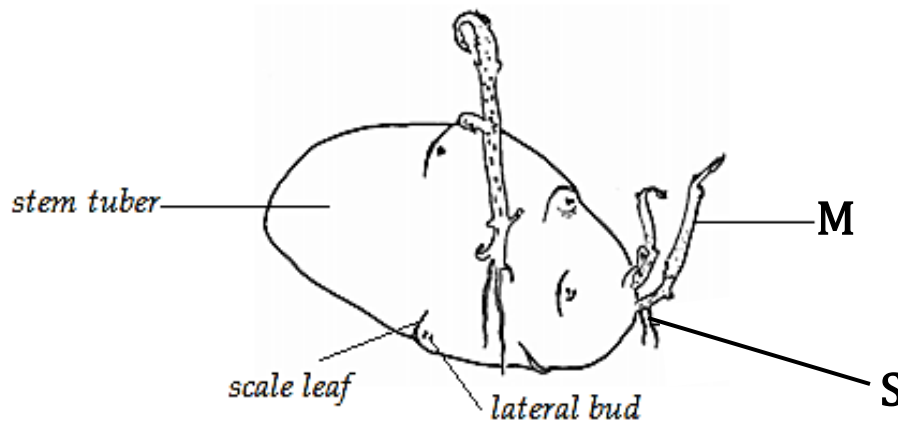
(ii) Z _____

7. The diagram below shows a plant root system. Use it to answer the questions that follow.



- (a) Name the structures labelled with letter V.
- _____
- (b) To which group of flowering plants are such structures in the diagram above belong?
- _____
- (c) Give three examples of flowering plants that have the above type of root.
- (i) _____
- (ii) _____
- (iii) _____
- (d) Identify the bacteria found in the structures labelled X.
- _____
- (e) How are the bacteria identified in (d) above important in the soil?
- _____
- (f) Give three importance of roots to people.
- (i) _____
- (ii) _____
- (iii) _____

8. The diagram below is of a stem tuber crop. Study it and answer the questions that follow.



(a) Name the part labelled with letter M.

(b) Name the type of root marked S.

(c) Give a difference between *stem tubers* and *root tubers*.

(d) Why is sugarcane not regarded as a stem tuber?

(e) State the use of a hoe to a farmer.

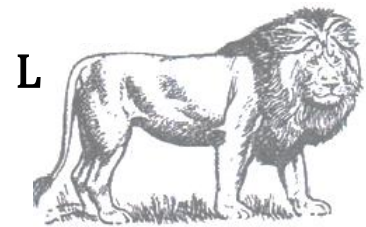
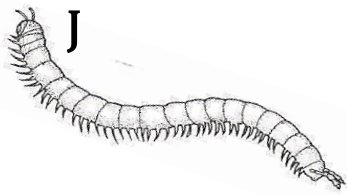
(f) Write any one way of harvesting tuber crops.

(g) Name the stem tuber drawn in the diagram above.

9. (a) What is a living thing?

(b) Livings are made up of cells, define the term **cell**.

The diagram below shows some animals. Study it carefully and answer the questions that follow.



(c) How are animals **J** and **K** similar in the way they reproduce?

(d) To which group of mammals does the animal **L** belong.

(e) Why is the animal **L** classified in the above group of mammals?

(f) How does the animal labelled **K** get its food?

(g) Write four characteristics of arthropods.

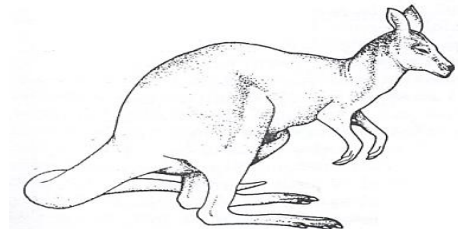
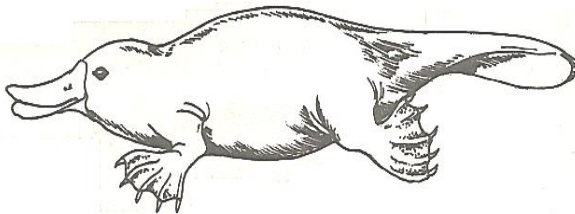
(i) _____

(ii) _____

(iii) _____

(iv) _____

(h) Give three similarities between the animals shown below.



(i) _____

(ii) _____

(iii) _____

10. (a) What is sound?

(b) Mention the two types of sound.

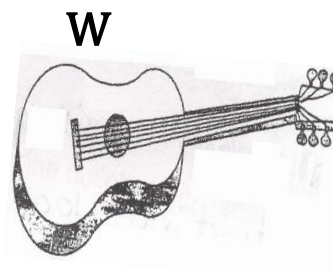
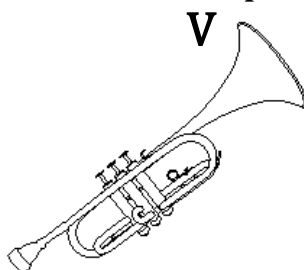
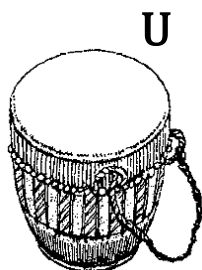
(i) _____

(ii) _____

(c) How does sound travel?

(d) Why does sound travel fastest in solids than in gases?

The diagram bellow shows some musical instruments. Study them carefully and answer the questions that follow.



(e) To which group of musical instruments do the above instruments belong?

U _____

V _____

W _____

(f) How does instrument labelled **W** produce sound?

(g) Name one item used to make instrument labelled **U**.

(h) Give two uses of sound in our daily life.

(i) _____

(ii) _____

SOCIAL STUDIES

1. Name any one East African member state that is crossed by the equator.

2. State any one way how early man obtained food.

3. State any one reason for the formation of East African Community.

4. Why is it important to plant trees and grass in the school compound?

5. Why is tourism referred to as an invisible trade?

6. Why do people most use air transport for transporting milk from Uganda to Europe?

7. State any one reason why culture is taught at school?

8. Name the river that forms a natural boundary between Uganda and Tanzania.

9. Draw a map symbol showing an airport in the space below.



10. Name the organ of East African Community that runs the daily affairs of the community.
