

MASAKA CATHOLIC DIOCESE TEACHERS ASSOCIATION (MACADTA)

PRIMARY LEAVING MOCK EXAMINATION 2022

SOCIAL STUDIES WITH RELIGIOUS EDUCATION

Time Allowed: 2 hours 15 minutes

RANDOM No.

PERSONAL No.

--	--	--	--	--	--	--	--	--

Candidate's Name

Candidate's Signature.....

School Name

District Name

Read the following instructions carefully:

1. The paper has **two** sections: **A** and **B**. Section A has **50** questions and section B has **5** questions. The paper has 17 pages altogether.
2. Answer **all** questions. All answers to both Sections **A** and **B** must be written in the spaces provided.
3. All answers must be written using a blue or black ball-point pen or ink. Any work written in pencil other than graphs, pictures and diagrams will **not** be marked
4. Unnecessary changes of work may lead to **loss** of marks.
5. Any handwriting that cannot easily be read may lead to **loss of marks**.
6. Do **not** fill anything in the table indicated "**For examiners' Use Only**" and the boxes inside the question paper.

Turn Over

SECTION A: 40 MARKS

Questions 1 to 40 carry one mark each.

1. Mention any one source of food for most homes in your community.

.....

2. Why are rules and regulations important in a school?

.....

3. Give any one cause of road accidents in Uganda.

.....

4. State any one commercial value of forests.

.....

5. Give any one way in which we can save energy in our homes.

.....

6. How is the government promoting the skilling of the youth?

.....

7. Why did people in Uganda collaborate with the British?

.....

8. Why do Christians celebrate 3rd June every year in Uganda?

.....

9. Give any one way in which most people in East Africa benefit from the East African Community.

.....

10. How does the government of Uganda promote democracy?

.....

11. State any one importance of national parks in Uganda.

.....

12. What is the main duty of the members of parliament?

.....

13. What type of coffee is commonly grown on the slopes of Mount Elgon?

.....

14. What does the term apartheid mean?

.....

15. What event led to the raising of the Uganda national flag on 9th October 1962?

.....

16. What is domestic trade?

.....

17. Why did some traditional kings resist British rule?

.....

18. How is river Nile useful to the people of Egypt?

.....

19. Why does the windward side receive a lot of rainfall?

.....

20. Give any one reason why all schools should have football ground.

.....

21. Explain how prevailing winds influence the climate of an area.

.....

22. Write UNHCR in full.

.....

23. How do people in your local community preserve their cultures?

.....

24. Why is it important to have a police station in our community?

.....

25. Give one reason why the British colonialists introduced the growing of cash crops in Uganda?

.....

26. Give any one example of child abuse.

.....

27. State any action that government can take to reduce deforestation in Uganda.

.....

28. Give any one way in which you can reduce the spread of Covid-19.

.....

29. How did the people benefit from coming of missionaries in East Africa?

.....

30. What role does commercial Banks play in Uganda?

.....

31. What type of tax is imposed on imported goods?

.....

32. Mention any one cause of climate change in Africa.

.....

33. State any one problem faced by the colonialists during the colonisation of Africa.

34. Give any one method used to mine minerals in South Africa.

.....
35. Draw a symbol of seasonal river.

For each of the questions 36 to 40, answer **EITHER** the Christian **OR** the Islamic questions **but not both**. **NO** Marks will be awarded to a candidate who attempts both alternatives in a **particular number**.

36. **EITHER:** How did Jesus show love for His followers?

.....
OR: How did Allah show love for His followers?

37. **EITHER:** In which town was Jesus Christ brought up?

.....
OR: In which town was prophet Muhammad (PBUH) born?

38. **EITHER:** What is a Lent season?

.....
OR: What is Ramadhan?

39. **EITHER:** Give one reason why Jesus went to Gethsemane.

OR: Give one reason why prophet Muhammad (PBUH) went to Taif.

.....

40. **EITHER:** Mention any one reason why Christians pray.

.....

OR: Mention any one reason why Muslims pray.

.....

SECTION B: 60 MARKS

Questions 41 to 55 carry four marks each.

41. Mention the use of the following weather measuring tools.

- i) Windsock
- ii) Rain gauge
- iii) Anemometer
- iv) Lightning detector.....

42. a) What does the term Veld mean?

.....

- b) Name the country where the veldts are found in Africa.

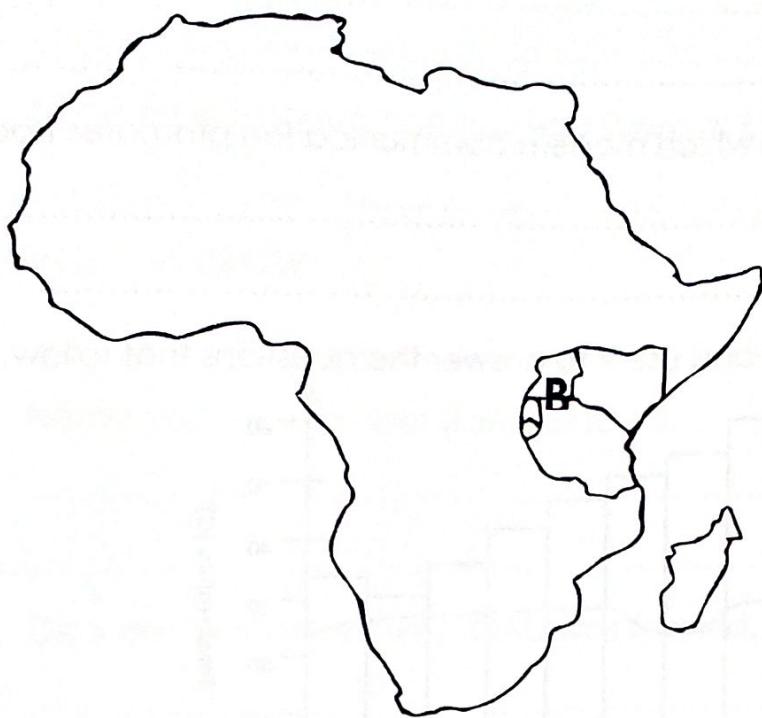
.....

- c) Give any two activities carried out in the veldts

i)

ii)

43. Study the sketch map of Africa below and use it to answer the Question a - d.



- a) Name the country marked with letter B.

.....

- b) Give any cash crops grown in country B named in a) above.

(i)

(ii)

- c) Name the inlands found in the country named in a) above.

.....

44. a) Give any two causes of the Mau Mau rebellion in Kenya.

(i)

(ii)

- b) State any two reasons why the Africans were unable to defeat the colonialists.

i)

ii)

45. a) Mention any two modern means of communication.

i)

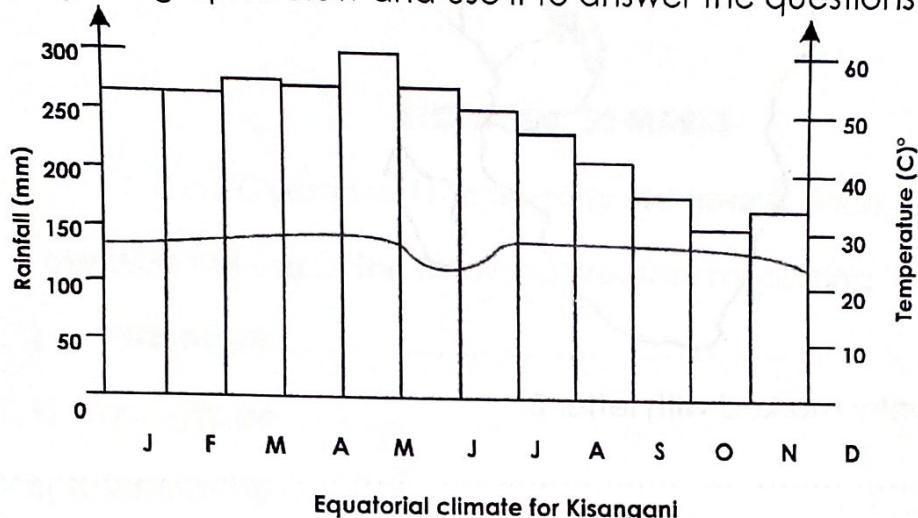
ii)

c) Give any two ways in which modern communication promotes trade.

i)

ii)

46. Study the graph below and use it to answer the questions that follow.



Equatorial climate for Kisangani

a) Which month received the lowest amount of rainfall?

.....

b) How much rainfall was received in June?

.....

c) What type of climate is described on the graph above?

.....

d) Give one reason why this type of climate is suitable for growing bananas.

.....

47. a) How many colours does the Uganda national flag have?

.....

b) Which colour signifies "the African inheritance?"

.....

c) Why is the national team given the Uganda national flag whenever it goes to participate in the Commonwealth games?

.....

d) When is the Uganda national flag flown at half-mast?

.....

48. a) Write in full IGAD?

.....

b) Name any two member states of IGAD.

i)

ii)

d) Give any one reason why IGAD was formed.

.....

49. a) Give any two factors that affect the quality of people living in rural areas.

i)

ii)

c) State any two ways in which government can improve on the standard of living of the people in rural areas?

i)

ii)

50. a) what type of vegetation do gorillas feed on.

.....

b) Give any two problems faced by national parks in East Africa.

.....

i)

ii)

c) Mention any one way in which government can encourage more tourists to come to Uganda.

For each of the questions 51 to 55, answer **EITHER** the Christian **OR** the Islamic questions **but not both**. **NO** Marks will be awarded to a candidate who attempts both alternatives in a **particular number**.

51. **EITHER:** Why did God create Adam?

a) Mention any one way in which Adam disobeyed God?

b) State any one reason why God loved Adam more than other creatures.

c) What punishment was given to Adam and Eve when they disobeyed God?

OR: Why did Allah create Adam?

a) Mention any one way in which Adam disobeyed Allah?

b) Give any one reason why Allah loved Adam more than other creatures?

c) What punishment was given to Adam and Hawa when they disobeyed Allah?

52. **EITHER:**

a) What is a parable?

b) Mention any two parables used by Jesus in teaching.

- ii)
- c) Write down any one reason why Jesus used parables in his teaching.
.....

OR: What is a parable?

-
- a) Mention any two famous Islamic parables.
- (i)
- (ii)
- c) Write down any lesson we learn from the Islamic parables.
.....

53. **EITHER:**

- a) Where did the burning place happen?
.....
- b) What did the burning bush signify?
.....
- c) Mention any two reasons why Moses removed his shoes.
- i)
- ii)

OR: What was Ibrahim's homeland?

-
- a) Why did Ibrahim accept to sacrifice his only son?
.....
- b) Mention any two lessons we learn Ibrahim's actions.
- (i)
- (ii)

54. **EITHER:** What does Jesus teach us to do to our enemies?

a) Mention any one way in which a person commits sin.

b) Write down any two types of sins according to Christianity.

(i)

(ii)

OR: What does Allah teach us to do to our enemies?

a) Mention any one way in which a person commits sin.

b) Mention any two types of sins according to Islam.

(i)

(ii)

55. **EITHER:**

a) Write down any two types of prayers in Christianity.

(i)

(ii)

b) Mention any two importance of praying before eating food

i)

ii)

OR: Write down any two types of prayers in Islam.

(i)

(ii)

b) Mention any two importance of praying before eating food.

(i)

(ii)

MASAKA CATHOLIC DIOCESE TEACHERS ASSOCIATION (MACADTA)

PRIMARY LEAVING MOCK EXAMINATION 2022

INTEGRATED SCIENCE

Time Allowed: 2 hours 15 minutes

RANDOM No.

PERSONAL No.

--	--	--	--	--	--	--	--

Candidate's Name

Candidate's Signature.....

School Name

District Name

Read the following instructions carefully:

1. This paper is made up of two Sections: A and B.
2. Answers to both sections must be written in the spaces provided in full sentences.
3. Section A has 40 questions (40 marks)
4. Section B has 15 questions (60 marks)
5. Attempt all questions. All answers to both sections A and B must be written in the spaces provided.
6. All answers must be written in blue or black ballpoint pen or ink but not in pencil. All work done in pencil, except diagrams, will NOT be marked.
7. Crossing out of answers will lead to loss of marks.
8. Any handwriting that cannot be easily read may lead to loss of marks.
9. Wrong spelling will lead to loss of marks.

Turn Over

SECTION A: 40 MARKS

11. Name
no

1. Mention any one component of soil.

2. Mention any one function of the human skin

3. Name one epidemic disease that can breakout in your community with poor sanitation

4. Name the group of tuber crops to which a coco yam belongs

5. State any one use of snakes to man

6. Identify any one part to look at when cleaning your teeth

7. Name one type of mechanical energy

8. State the reason why the rate of soil erosion is higher in mountainous areas

9. State one reason why it is advisable that children participate in keeping their environment clean

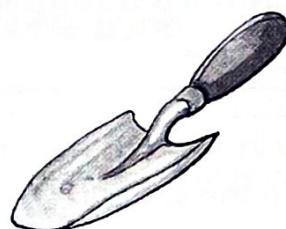
10. Identify the mineral missing in the diet of a child suffering from goitre

11. Name the state of matter in which a material with a definite volume but no fixed shape belongs
-

12. State the function of the septum in the human heart
-

13. Define an epidemic
-

Below is a drawing of a garden tool. Use it to answer question 14 and 15



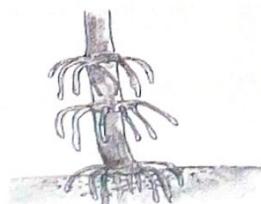
14. Name the garden tool
-

15. State the function of the garden tool
-

16. Mention any one condition under which a mother may be stopped from breastfeeding the baby
-

17. An alcoholic drink is labelled 40%. State what that means
-

Below is the structure of the root system in a plant. Use it to answer questions 18 and 19



Name the type of roots in the plant above

19. Identify the type of root system in the plant above
-
20. State any one reason why immunization is considered as a Primary Health Care practice
-
21. State one reason why physical methods of pest control are preferred to chemical methods
-
22. State any one reason why it is advisable for men to be circumcised
-
23. Mention any one way in which a health club in schools can reduce the outbreak of diseases in the school
-
24. Name the type of change that takes place when fruits ripen
-
25. State any one importance of bacteria to man
-
26. State how the hairy body of the housefly is important in spreading diseases
-
27. State why in resting an arm using an arm sling, the forearm and upper arm should be rested at 90°
-

Below is an instrument used to measure the temperature of a person.



28. Record the temperature of the person

29. State why the doctor said the person was not normal

30. State why it is important to sprinkle water on plant materials when making compost manure

31. State the role of plants in a food chain

32. Name the muscular organ that separates the chest cavity from the abdomen in humans

33. Mention any one importance of information gathered through a health survey in a community

34. Identify any one human activity that results into flooding of water bodies

35. Name the group of arthropods to which ticks belong

36. An organism has the following characteristics; cannot make its own food, reproduces by the use of spores, is made up of many cells. Name the group of living things to which it belongs

37. Apart from the magnetic method, mention any one method of storage and reproduction of sound

38. Name the type of immunity that a baby gets after being immunized

39. Name any one vaccine against COVID-19

40. State what you understand by the efficiency of a simple machine

SECTION B (60 Marks)

41. a) Define personal hygiene?

- b) State the importance of the following processes while cleaning clothes

i. Ironing _____

ii. Soaking _____

- c) Identify any one disease that can be spread in a school due to poor cleanliness of beddings
-

42 a) Mention any two functions of muscles

(i) _____

(ii) _____

b) State what happens to the following muscles when the fore arm is folded

triceps _____

biceps _____

43. Match the list of internal organs in humans in A to their functions in list B.

A

Kidney

Brain

liver

lungs

B

exchange of gases

produces bile

produces urine

stores information

44. The following are processes that lead to hearing in humans.
Arrange them in their correct order

- The cochlea changes the vibrations into nervous impulses
- The pinna receives sound vibrations and directs them to the eardrum
- Vibrations are transmitted through the ear ossicles to the inner ear
- Message are sent through the auditory nerve to the brain for interpretation

45. In a slum in Mukono, there are many people living in a small area. There are no proper pit latrines and toilets. The place is littered with many used polyethene bags

a) Identify any two environmental problems that can result from this situation

(i) _____

(ii) _____

b) Identify any two ways in which the people in the area above can control these environmental problems

(i) _____

(ii) _____

46. a) Name the germ that causes COVID 19

b) Identify any one sign and symptom of COVID 19

c) Mention any two ways of controlling the spread of COVID 19 in a school

(i) _____

(ii) _____

47. a) Name the group of worms to which the following intestinal worms belong

i. Hookworm _____

ii. Tapeworm _____

b) Identify any two ways of controlling the spread Bilharzia in a community

(i) _____

(ii) _____

48. a) Mention any two practices that can prevent contamination of food in a school

(i) _____

(ii) _____

b) Name any two diseases that can be transmitted through contaminated food

(i) _____

(ii) _____

49. a) Mention any two benefits of keeping pigs

(i) _____

(ii) _____

b) Identify any two advantages of keeping pigs over keeping cattle

(i) _____

(ii) _____

50. a) Apart from the free-range system, name two other methods of keeping poultry

(i) _____

(ii) _____

b) Explain why poultry easily get infected in the free-range system (2 marks)

(i) _____

(ii) _____

51. a) Mention any two methods of extracting honey

(i) _____

(ii) _____

b) State the importance of the following in a Kenyan Top bar hive

Queen excluder _____

Top bar _____

52. a) Name any two materials that can be used to make compost manure in your community

(i) _____

(ii) _____

b) Identify any two advantages of organic manure over inorganic fertilizers

(i) _____

(ii) _____

53. a) Name the state of matter in which heat travels fastest by;

Conduction _____

Convection _____

b) Explain the reason why the inner walls of the glass in a vacuum flask are painted silver (2 marks)

54. A machine lifts a load of 3000N through a distance of 0.5m when an effort of 1000N is applied through a distance of 2m. calculate;

a) The Mechanical advantage of the machine (2marks)

b) The velocity ratio of the machine (2marks)

55. Match the plants in A with how they reproduce in B

A

B

Mango

reproduces by fragmentation

Fern

produces seeds but flowers without

Christmas tree

produces seeds and flowers have

Algae

reproduces by the use of spores

MASAKA CATHOLIC DIOCESE TEACHERS ASSOCIATION (MACADTA)

PRIMARY LEAVING MOCK EXAMINATION 2022

MATHEMATICS

Time Allowed: 2 hours 30 minutes

RANDOM No.

--	--	--	--	--	--	--	--

PERSONAL No.

Candidate's Name

Candidate's Signature.....

School Name

District Name

Read the following instructions carefully:

1. The paper has **two** sections: **A** and **B**.
2. **All** the working for both sections **A** and **B** must be shown in the spaces provided.
3. **All** working must be done using a blue or black ball-point pen or fountain pen. Diagrams should be drawn in pencil.
4. Unnecessary changes of work may lead to loss of marks.
5. Any handwriting that cannot easily be read may lead to loss of marks.
6. Do **not** fill anything in the boxes indicated: "**For Examiners' Use Only**" and those inside the question paper. Turn Over

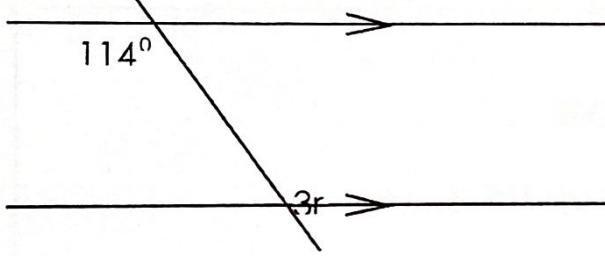
Questions 1 to 20 carry 2 marks each.

1.	Work out $12 \div 4$	4.	Given that $R = \{2, 3, 4, 8, 7\}$ and $W = \{1, 2, 3, 5, 7\}$. Find $n(W \cap R)$
2.	Given that $a = 8$ $b = 7$ and $c = 4$, find out the value of $\frac{a + b}{c}$	5.	Write 'Nine thousand ninety - nine' in figures.
3.	Work out $2\frac{1}{4} \times \frac{3}{4}$	6.	Express 20m/s as kilometres per hour

Kinya sold
made a/
price of
book.

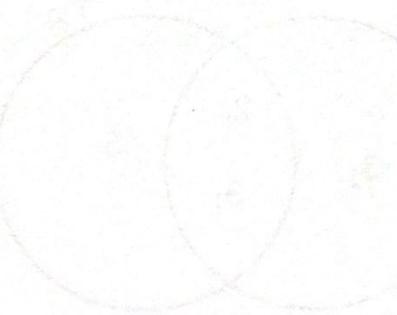
7. Kinya sold a book at sh. 7,500 and made a loss of sh. 800. Find the price at which Kirya bought the book.

8. Find the value of r in the figure below:



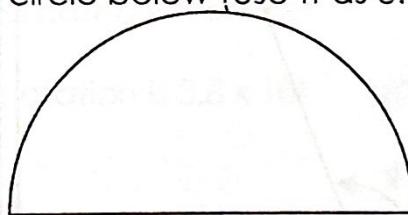
9. Simplify $-3 - -9$

10. The mean of $2x$, $x - 3$ and 6 is 14. Find the value of x

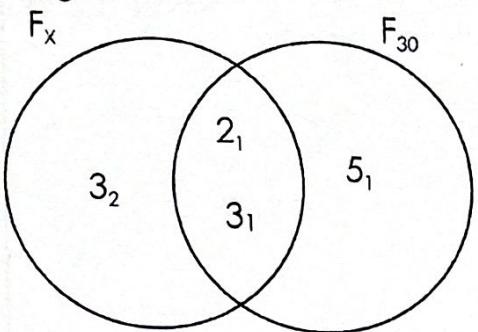


11. The mass of a packet of salt is $\frac{1}{8}$ kg. What is the mass in grammes?

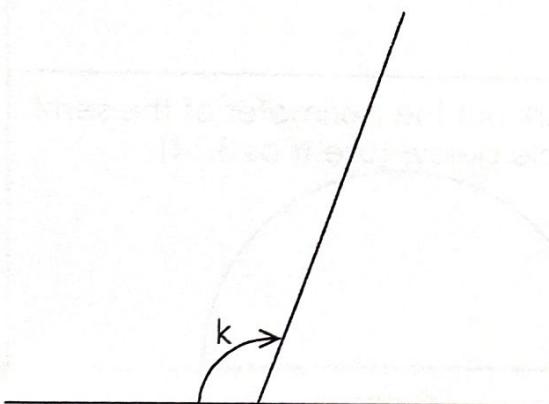
12. Work out the perimeter of the semi circle below (Use π as 3.14)



13. Find the Greatest Common Factor (GCF) of x and 30 in the venn diagram below



14. Using a protractor, measure the angle marked with letter k in the figure below



15. Solve the inequality and find the solution set for $4 \geq 2p > -12$

16. In a class, 0.6 of the pupils are girls and there are 20 boys. How many pupils are there in the class?

17. Expand 97.08 using powers of ten

18. It started raining at a half past midnight. Express this time in the 24-hour clock.

19. The bearing of town P from town L is 123° . Find the bearing of town L from town P.

20. Find the next two numbers in the sequence:

6, 10, 16, 24, _____, _____

SECTION B:

Answer **ALL** questions in this Section

Marks for each section are indicated in brackets.

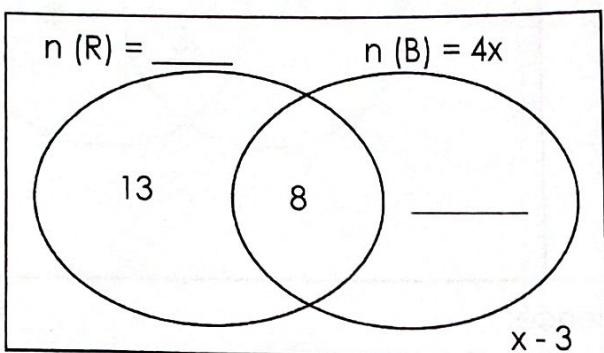
21. (a) Find the number whose scientific notation is 3.8×10^2 **(02 marks)**

(b) Solve: $3^k \times 3 = 81$ **(03 marks)**

22. In a home, $4x$ members eat beans (B), some eat rice (R), 8 members eat both beans and rice, 13 members eat rice only while $(x - 3)$ members do not eat any of the two types of food.

(a) Use the above information to complete the venn diagram below. **(02 marks)**

$$n(\Sigma) =$$



- b) Given that 14 members do not eat rice, find the total number of members in the home. **(03 marks)**

Using a pair of compasses, a ruler and a pencil only

construct a parallelogram ABCD such that $AB = 7\text{cm}$, $BC = 5\text{cm}$ and angle $\angle DAB = 60^\circ$

(04 marks)

(a) Measure angle BAD

(b) Measure angle BAD

(01 mark)

24.

Anyait bought the items below:

4 kg of sugar for sh. 3500 per kg

$\frac{1}{2}$ kg of salt for sh. 1000

2 bars of soap for sh. y per bar

3 $\frac{1}{2}$ kg of beans for sh. 2800 per kg

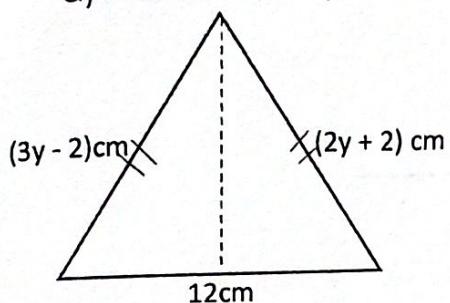
(a) How much money did Anyait spend on beans and sugar? **(02 marks)**

(b) If Anyait spent sh. 38,800 altogether, find the value of y . **(03 marks)**

The figure below is a triangle with length $ST = 12\text{cm}$. Use it to answer the questions about it.

- a) Find the value of y .

(2 marks)



- b) Calculate the area of the triangle RST.

(3 marks)

26. (a) Simplify $\frac{0.45 \times 0.03}{0.03 \times 0.5}$

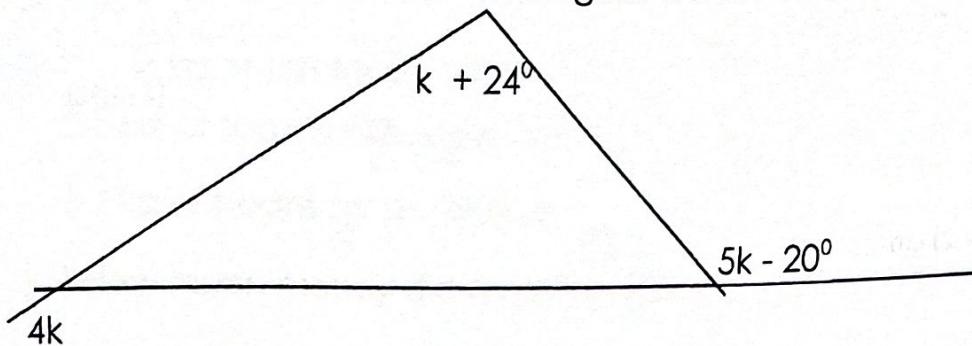
(03 marks)

(b) Work out: $\frac{3}{4} + \frac{2}{5}$

(02 marks)

27. Find the value of k in the figure below

(03 marks)



(b) Find the complement of 37° .

(02 marks)

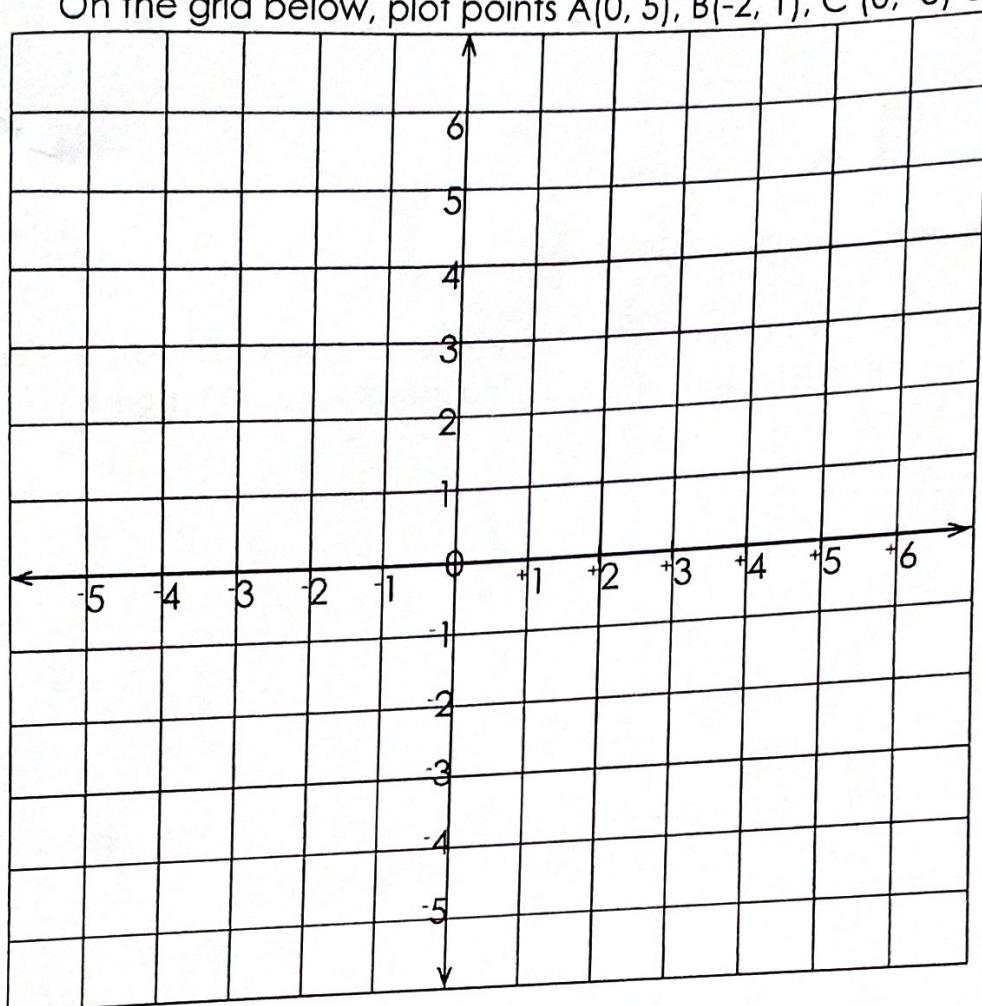
28. On a farm of animals, $\frac{1}{6}$ of them are sheep, $\frac{3}{8}$ are rabbits, $\frac{1}{4}$ are cattle,

$\frac{1}{12}$ are goats and the rest are donkeys. If there are 152 donkeys on the farm,
find the total number of animals on the farm.

(05 marks)

29.

On the grid below, plot points A(0, 5), B(-2, 1), C (0, -3) and D (2, 0)



- (b) Join A to B, B to C, C to D and D to A

(04 marks)

30. A motorist drove at a speed of 80km/h for $2\frac{1}{4}$ hours. He got a stopover for 45 minutes and covered 240km in a 2 hours after resting.

- (a) Find the distance he covered before the stop over.

(02 marks)

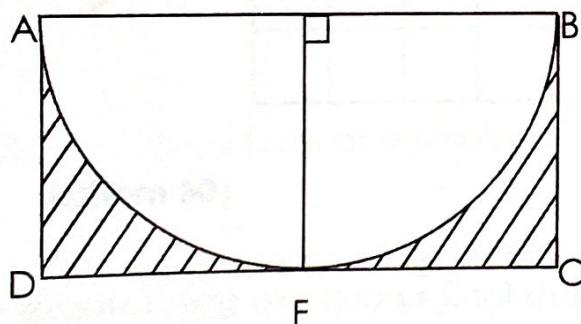
- (b) Calculate the average speed for the whole journey.

(03 marks)

31. Subtract $q + 4$ from $2q - 7$ **(03 marks)**

(b) The age of Musa and that of Angella are in the ratio of 7:9 respectively. 5 years ago, their total age was 54 years. Find Musa's age **(03 marks)**

32. The figure below shows a rectangle ABCD where $AB = DC$. AB, the diameter of the semi-circle ABF = 14cm. Find the area of the shaded part.



END