

BASIC MATHEMATICS

SECTION A

1. Add: $249058 + 8752$

2. Find the next number in the sequence:
11, 13, 17, 19, _____

3. Simplify: $-5 - -8 =$

4. Express 0.333 as a fraction

5. Decrease 39 in the ratio 4:9

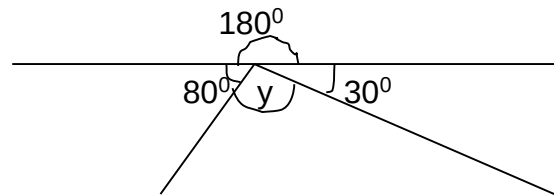
6. Subtract:

	<i>Dm</i>	<i>m</i>	<i>dm</i>
	45	9	7
	- 21	8	9

7. Find the mode of: 9, 6, 5, 1, 4, 6 and 7

8. Ginana Primary School uses 464.713Kg of beans in a month. Round off to one decimal place.

9. Find the value of y in the figure below.



10. Evaluate:

$$[(3 \times 4) \div (11 + 1) + [(3 - 2)(1 \times 1)]$$

11. Subtract: 0.06 from 11.4

12. Scovia was born in 1995. Express this year in Roman numerals.

13. Mary bought a chicken at SSP 160 and later sold it to Nyoka at a loss of 2%. Find the loss.

14. Simplify: $13\frac{7}{9} + 2\frac{1}{4}$ of $3\frac{1}{3} \div 1\frac{1}{3}$

15. Find the product of the prime numbers less than 10.

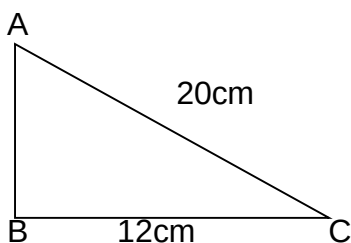
16. In a class of 45 pupils, their mean height is 43. Calculate the total height of the whole class.

17. Write 105·25 in words.

18. Divide 6363 by 7

19. A car travels with a speed of 40Km/hr. if it covers a distance of 100Km, how long has it taken to cover that distance

20. Find the length AB in the figure below.



21. Using a pair of a compass, a pencil and a ruler only, construct an angle of 135°

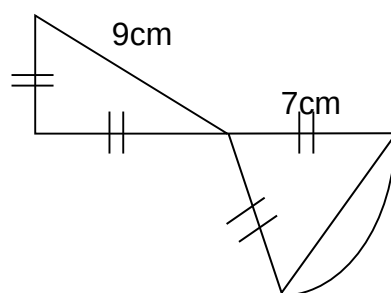
22. Find the square number of 0·8

23. Lino's family uses 4 litres of milk in 3 days. How many litres of milk will they use in 30 days?

24. Given that: $w = 3, x = 2$ and $y = 0$.

Evaluate:
$$\frac{w^3 - 2y + x}{w - 2}$$

25. Calculate the perimeter of the figure below.



26. Solve: $y^2 + 3 = 67$

27. John deposited SSP360,000 in the bank. After checking his account balance, it was indicating SSP400,000. What was his interest that the bank had offered?

(b) $9\frac{5}{6} - 5\frac{3}{4} + 7\frac{2}{3} \div 15\frac{1}{3}$

28. Draw a Venn diagram to show that a hen is a subset of birds.

32. In a class of 40 students, 25 like English, 19 like Mathematics while 2 don't like any of the two subjects.
(a) Draw a Venn diagram to show the above information.

29. The distance between Yei and Tore is 2.5 on a map. Calculate the actual distance between the two towns if the scale is 1:10,000

(b) Find those who like English only.

30. The probability of P.7 pupils to pass an examination is $\frac{3}{8}$. What is the probability that they will fail the examination?

(c) Find the probability that a student picked at random like one subject only.

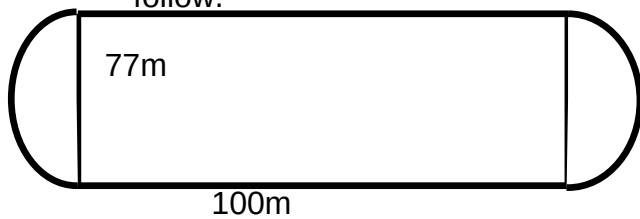
33. (a) Calculate the volume of a cylinder whose radius is 7cm and height is 10cm.

SECTION B

31. Workout:

(a) $\frac{2}{3}$ of $2\frac{1}{2} \div \frac{12}{5}$

- (c) The figure below shows a field for an Athletic competition. Study it and answer the questions that follow.



- (i) Calculate the area of the figure.
- (ii) If an athlete is allowed to run 3000m in 30 minutes. Calculate the average speed of the athlete in m/s

34. Workout:

(a)
$$\frac{3.6 \times 2.4}{0.4 \times 0.9}$$

(b) Solve for x: $\frac{2x}{3} + 1 = x - \frac{3}{5}$

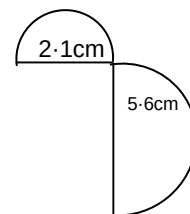
(c) Solve and find solution set for x:
 $2x < 8$

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

- (a) Construct a parallelogram ABCD such that $AB = 8.5\text{cm}$, $AC = 3.7\text{cm}$ and $\angle A = 45^\circ$ and $\angle B = 135^\circ$

- (b) If M is the midpoint of AB, join C to M. Circumscribe the triangle ACM. Hence state the radius.

36. Use the figure below to answer the questions that follow.



- (a) Calculate the perimeter of the figure.

- (b) Find the area of the figure.

37. Mr. Amos deposited three quarters of a million South Sudanese pounds in the bank that paid him a compound interest at the rate of 15% per annum.
(a) How much interest did his money earn after 2 years?

(b) What was the total amount of money he withdrew at the end of 4 years?

38. The mean weight of 30 boys is X. Two boys were absent with 150Kg. If the mean weight of those present is 2 times less than the mean weight of the 30 boys. Calculate the value of X.

39. Copy and complete the table below.

Marked price	% discount	Buying price
(a) 1,800	20%	_____
(b) 17,000	-----	14,790
(c) 35,000	-----	28,700
(d) _____	-----	37,920

40. In Rejaf Farmer's Association, 12 men can dig one acre in 5 days.
(a) How long will 10 men take to do the same work?

(b) If the manager wanted the work to be completed in one day, how many people should the manager employ?

41. The ministry of Information and Postal Services has made the charges for international postal services as shown below.

Types of articles and weight	Cost(SSP)
Letters not over 20g	1,000
Letters not over 100g	2,500
Article not over 500g	6,500
Article not over 1Kg	8,500
Post card	600
Aerogram	500

Using the table above, answer the questions that follow

(a) Find the cost of sending:
(i) Two articles weighing 450g and 800g plus 2 post cards.

(ii) Two letters of 80g and 10g

(b) If Nyang posted the following:
2 post cards, 3 Aerogram and 3 letters weighing 90g each. Calculate the cost he is likely to pay.

1. Add: $6\frac{7}{8} + 2\frac{1}{4}$

8. Solve: $\frac{3}{5}p + 3 = 6$

2. Divide 750 by 25 using long division methods.

9. Using a ruler, a pencil and a pair of compass only, construct an angle of 45°

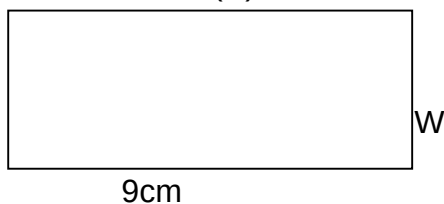
3. Solve: $3x - 4 = 5$

4. Write in numerals. "Twelve thousand and thirteen."

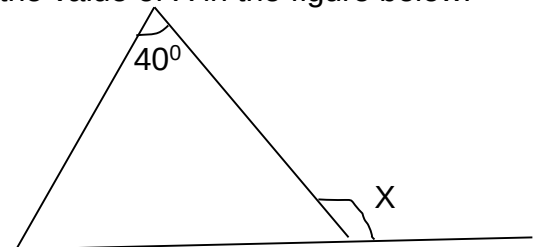
5. A goat has two horns, how many horns do 100 similar goats have?

6. Find the smallest number that can be divided by either 8 or 12 and leaves a remainder of 1.

7. The area of the triangle below is 32cm^2
Find the width (w) of the rectangle.



10. Find the value of X in the figure below.



11. Find out the next two numbers in the sequence below: 0, 2, 5, 10, __, __

12. The sum of three and a number is 17.
What is the number?

13. If a dollar (\$1) = SSP120. How many dollars are in South Sudanese currency of SSP24,000?

14. Find the greatest common factor of 6 and 8.

(b) $\frac{1}{2} - \frac{1}{4} + \frac{1}{3}$

15. If $x = 4$ and $y = 3$, what is the place value of $x^2 - y$?

22. Find the square of 23

16. Shade $\frac{3}{4}$

(c) Workout: $\sqrt{196}$

17. Simplify: $\frac{1}{2} + \frac{3}{4} \div \frac{5}{8} =$

23. (a) Write the place value of the underlined digits:

(i) 428·0029

18. Write 80018 in words.

(ii) 10003

19. Find the square root of 144.

(c) Write "Thirteen thousand thirteen." In symbols.

20. Find the complement of an angle of 42°

24. Subtract: 146798 from 5100000

SECTION B

21. Workout:

(a) $\left(\frac{1}{2} + \frac{1}{4}\right) \div \frac{3}{8} \times 1\frac{1}{2}$

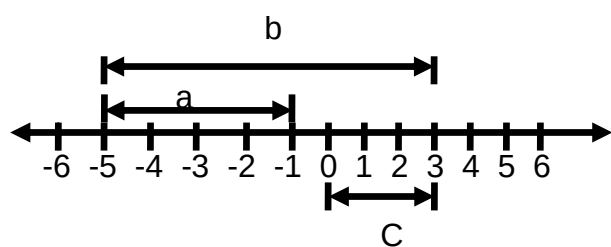
(c) Simplify: $1980070 + 29035782$

25. (a) Solve: $2(2x + 1) = 3(x + 3)$

(b) How many more girls are there than boys?

(b). Find t , given that: $5t = 20$

26. Study the line below and answer the questions that follow:



(a) Find the value of:

(i) a

(ii) b

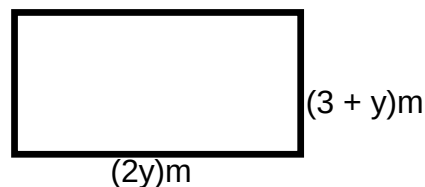
(iii) c

(b) Write the mathematical statement from the above number line.

27. In a class of 60 pupils, $\frac{2}{5}$ are boys.

(a) Find the fraction of girls in the class.

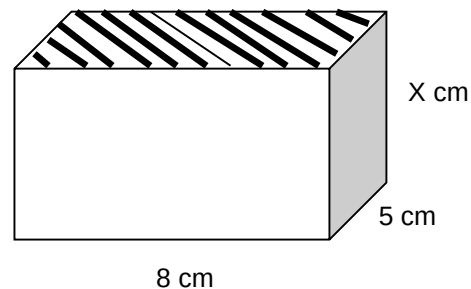
28. The perimeter of a rectangular garden below is 60m. Use it to answer the questions that follow.



(a) Find the value of y

(b) Calculate its area.

29. The volume of the cuboid below is 120cm^3



(a) Find the value of x .

(b) Calculate the area of the shaded part.

30. Solve for t: Given that: $20 - t = 5t - 4$

(b) Find the value of y

(c) Given that: $a=2$, $b=4$, $c=6$. Find the value of $\frac{abc}{c}$

(c) Calculate the size of angle ADB

31. (a) Using the digits 7, 8 and 9. List all possible 3 digit numbers that can be formed.

33. Workout the following:

(i) $(2\frac{3}{4})^2$

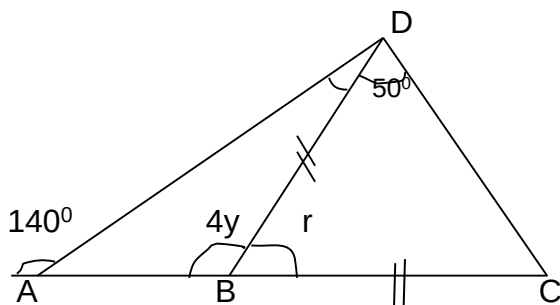
(b) Workout the product of the highest number formed and 300.

(ii) $\sqrt{1\frac{9}{16}}$

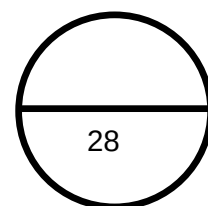
(c) Find the sum of all even numbers formed

(c) Find the area of the circle below.

32. Study the figure below and use it to answer the questions that follow.



(a) Find the value of r



34. (a) On average, a butcher slaughters thirty cows per month. If each cow weighs three hundred and seventy nine kilograms, how many kilograms does he sell in a year?

(c) Divide 8080 by 40

35. (a) Two bells ring at intervals of 30 minutes and 40 minutes. After how many minutes will they ring together?

(c) If they were rang for the first time at 8:30am, when will they ring together again?

1. Subtract: $787 - 89$

9. Increase 150Kgs by 10%

2. Round off 5684271 to the nearest hundred.

10. Solve: $Q + 2Q = 21$

3. Write in figures "Six hundred and fifty thousand."

11. Workout: $3y + 4k + y - 2k$

4. Simplify: $8 + -7$

12. Convert 15:35 hours to 12 hour clock system.

5. List down all the prime numbers between 4 and 20.

13. Change 2570 grams to kilograms.

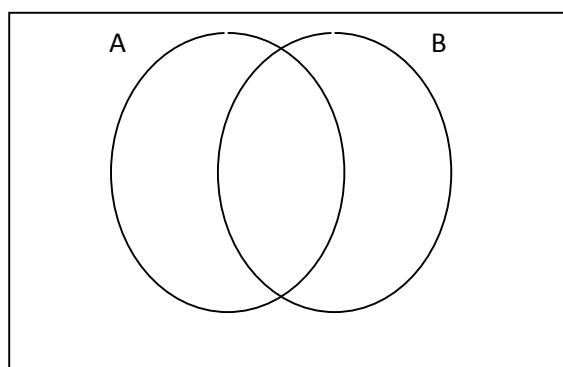
6. The radius of a circle is 10.5cm.
workout it circumference using $\pi=3.14$

14. Simplify: $4\frac{3}{4} + \frac{1}{3} \div 1\frac{1}{4}$

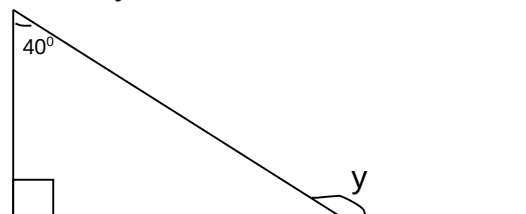
7. What is the square of $1\frac{3}{5}$?

15. Workout: $\frac{0.4 \times 0.2}{0.4 \times 1.6}$

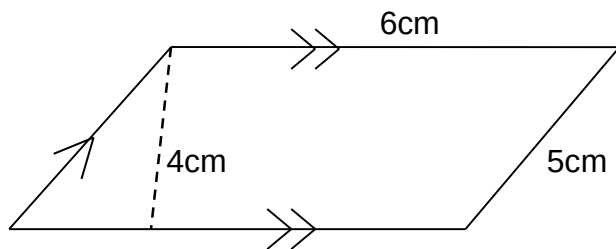
8. In the diagram below, shade the area of **A intersection B** complement. $(A \cap B)'$



16. In the figure ABCD below, find the value of the y



17. Study the figure below and calculate its area.



18. Calculate the volume of the figure below.

19. The length of a square field is $3\frac{1}{3}m$. Calculate its area.

20. If 4 ladies take 5 days to weed a garden. How long will 10 ladies take to weed the same garden working at the same rate?

21. The mean average of 7 boys is 8. The ages of 6 them are 2, 4, 6, 8, 10 and 12. Find the age of the seventh boy?

22. A seller is paid 5% commission on the sales he makes. One day he made a sale of SSP120. How much commission was he paid?

23. A bag contains 4 red and 7 black pens. What is the probability of picking a red pen at random from the bag without seeing?

24. 5250Kgs of maize were equally distributed to 350 families in Yei County. How many Kgs of maize did each family get?

SECTION B

25. (a) Given that $P=4$, $Q=3$, and $R=2$. Evaluate:

(i) $\frac{PQ}{R}$

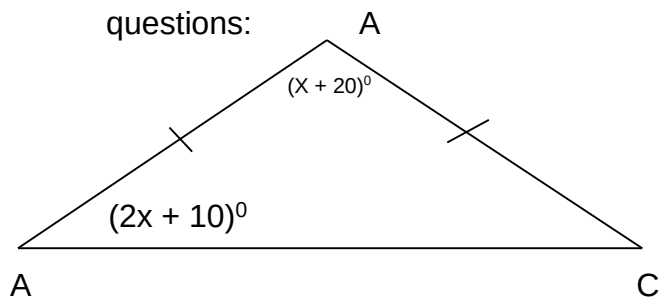
(ii) $3P \div Q - 2R$

- (c) Solve the simultaneous equations:

$6x + 2y = 30$ ----- (i)

$6x - 2y = 18$ ----- (ii)

(d) Study the figure below and answer the questions:



(i) Find the value of x

(ii) Angle A

(iii) Angle C

26. The market price of a bag of sugar is SSP500 in Juba Town. If a discount of 10% is given. What is the buying price

(c) A teacher of Comboni Primary School in Kajo – keji had 270 pencils. He shared them to P.3, P.4 and P.5 classes in the ratio 2:3:4 respectively. How many pencils did each class get?

(d) John deposited SSP 10,000 in Equity bank Munuki branch and earned him a simple interest at a rate of $5\frac{1}{3}\%$ for 9 months.

Calculate his;

(i) Interest

(ii) Amount

27. Use the table below to answer the questions:

Subjects	Maths	Science	English	SST	CRE
Marks	40	30	50	70	60
Learners	3	5	4	6	7

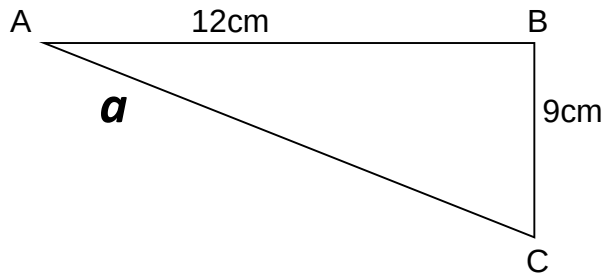
Calculate:

(i) The average mark

(ii) The range of the mark

(iii) The number of learners

(b) Find the measurement of the side marked ***a*** in the figure below.



- (i) A right angled triangle has a base of 6 cm and a height of $\frac{1}{2}cm$ and the longest sides 10cm. calculate its area.

- (ii) Using a ruler, construct a rectangular block with all measurement in centimetres. given that the length is 40mm and width 30mm. (Use: 1cm=10mm)

SECTION A

1. Divide 4512 by 8
2. What is the place value of 9 in 294563
3. Add: $3 \cdot 53 + 46 \cdot 2$
4. A school was given 1560 exercise to give out to pupils. If 1302 books were given out. How many books were left in the school store?
5. Find the area of a semi circle whose diameter is 14cm. (Use: $\pi = \frac{22}{7}$)

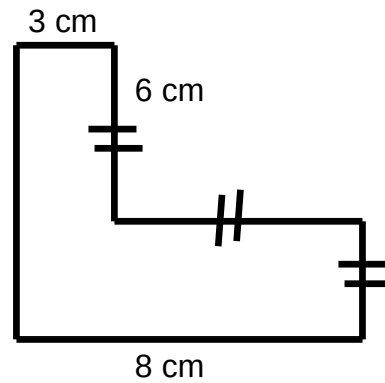
6. Subtract:

	<i>Hours</i>	<i>Minutes</i>
	07	15
	-03	36

7. Given that: $A = \{2, 4, 6, 8, 10\}$
 $B = \{3, 5, 6, 7, 8\}$. Find $A \cup B$

8. Round off 527073 to the nearest hundreds.

9. Find the perimeter of the figure below.



10. Simplify: $6\frac{1}{3} + 2\frac{2}{3}$
11. In a crate of soda which contained 25 bottles. $\frac{2}{3}$ are coca – cola brand and the rest are Fanta brand. Find the number of Fanta brand bottles.
12. The distance from Yei to Juba County is 160Km. Express this distance in metres.
13. Simplify: $^{-}6 + 10$

14. Ladu had 8 red balls and 6 yellow balls in a basket. If a ball is picked randomly without looking at the basket, what is the probability of picking a yellow ball?

15. Find the prime factors of 30.

16. In the space provided below, construct an angle of 45° using a pair of compasses, a ruler and a pencil only.

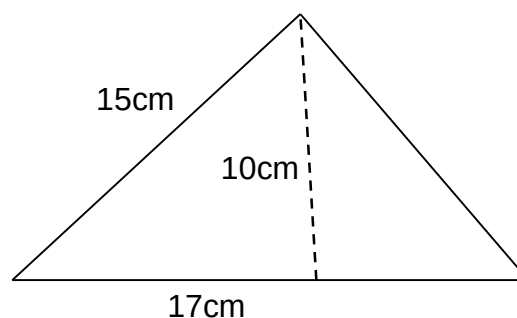
17. A primary eight pupil scored the following marks in test:
55, 45, 85, 35, 65, and 75. What is his median mark?

18. Modi bought a bag of groundnuts at SSP80. He sold it making a profit of 20%. Calculate his selling price.

19. Convert 9000Kg to tonnes.

20. List down all the multiples of 6 between 5 and 40

21. Find the area of the triangle below.



22. Given that $P = 3$, $R = 2$ and $Y = 0$. Find the value of $\frac{4P+Y}{R}$

23. A boda – boda cyclist travelled at a speed of 50Km/hr for $7\frac{1}{3}$ hours. What distance did he cover?

24. Subtract: $6 - 2 \cdot 301$

25. Increase 215SSP by 20%

26. Wani borrowed SSP60,000 from Eden Commercial bank at the rate of $2\frac{1}{2}\%$ per annum. Find the simple interest at the end of the sixth year.

SECTION B

31. (a) Simplify: $81 \div 9 \times 2 - 10$

(b) A man harvested 3420Kg of millet and put them in bags. If each bag contains 90Kg, how many bags did he back?

27. Workout: $2\frac{1}{2} \div 3\frac{1}{3}$

32. Evaluate: $\frac{0.28 \times 0.08}{1.4 \times 0.4}$

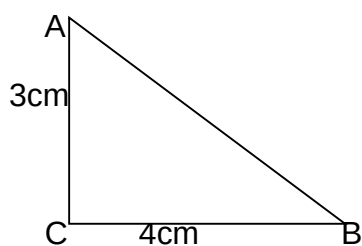
28. An oil drum has a diameter of 140cm. find its circumference.

33. (a) Decrease 24m in the ratio 3:8

29. Find the square root of 484 by prime factorization method.

(b) Lino and Sarah shared SSP 120. If Lino got SSP 70, how much money did Sarah get?

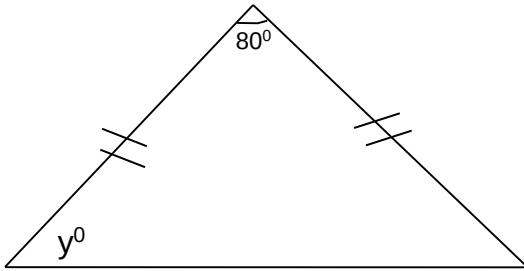
30. Find the length AB in the figure below.



34. (a) Solve for **a** in: $3a + 3 = 9$

(b) Find the complement of 27

35. Find the value of the angle marked y in the figure below.



38. Solve the following pair of simultaneous equations:

$$X + Y = 7 \text{ ----- (i)}$$

$$X - Y = 3 \text{ ----- (ii)}$$

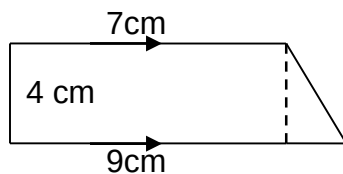
39. 9 teachers take 32 days to mark an examination. How long will it take 12 teachers to do the same job?

36. A mother is three times older than her daughter. If the sum of their ages is 64
(a) How old is the daughter?

(b) Find the age of the mother?

40. (a) A water tank measures 50m by 40m by 30m. Find the volume of the tank.

37. Study the shape below and calculate its area.



(c) Express 2000 metres in cubic metres. (m^3)

41. Ayah went to Konyo – Konyo market with SSP 200 to buy the following items as shown on the table below.

(a) Study and complete the table. Show your work clearly.

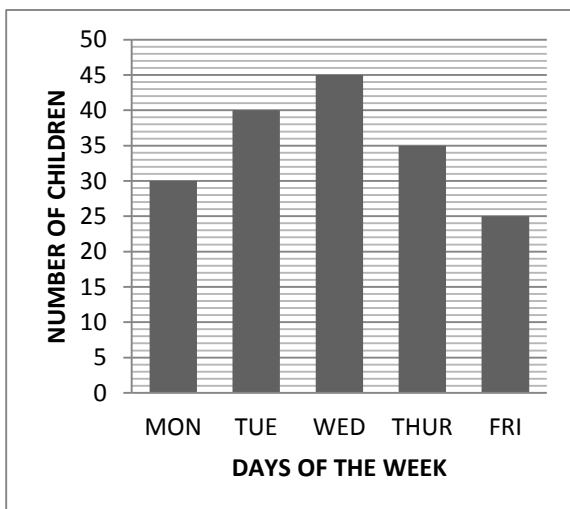
Items	Quantity	Unit Price (SSP)	Total cost (SSP)
Meat	4kg	_____	SSP120
Sugar	_____	SSP5	SSP32.5
Soap	7 bars	SSP3	_____
Total	_____		_____

(b) How much money was left with Ayah?

(B) What is the difference in the attendance of Wednesday and Thursday?

(C) Find the mean attendance for the week.

42. The graph below shows the attendance in Juba 1 Girls Primary School for five consecutive days. Study and answer the questions that follow.



(A) Which day has the lowest attendance?

SECTION A:

1. Work out: $107256 + 2015$

2. What is the place value of 4 in 84616

3. Write 93031 in words

4. Find the square root of $\sqrt{9 \div 16}$

5. Write the multiples of 2 between 5 and 9

6. Simplify: $-15 + -12$

7. Express $\frac{3}{20}$ as a percentage

8. Change $\frac{3}{4}$ into a decimal

9. Use $=$, $<$ or $>$ to make the following statement true.

$9 + 14$ _____ 23×2

10. Write $3\frac{1}{4}$ as an improper fraction.

11. Change 500m to km

12. Multiply: $5\frac{2}{3} \times \frac{1}{6}$

13. Workout: $81 \div 9 \times 2 - 4$

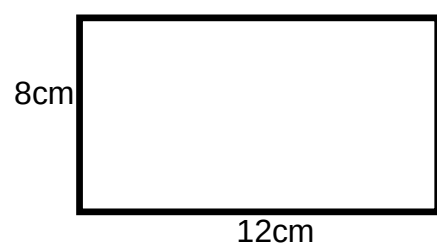
14. Find the prime factors of 42

15. Subtract: $18 \cdot 01 - 3 \cdot 20$

16. Two bags of groundnuts weigh 80kg.
find the weight of 5 bags of similar kind

17. Given: $p = 4, q = 3, r = 2$. Find: $\frac{pq}{r}$

18. Find the perimeter of the below figure:



19. A rectangular box measures 4cm by 3cm by 2cm. Find its volume in cm^3

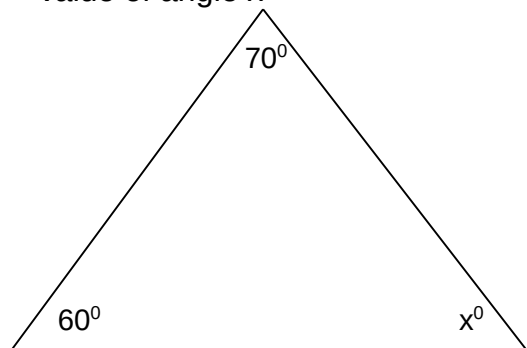
20. John rolled a dice containing 6 faces, what is the probability that an even number will show up?

21. Decrease 120m by 20%

22. Using the numbers 4, 7, 5, 1, 6, 7, 8, 2. Find the mean.

23. Solve the equation: $2x - 1 = 3$

24. In the following figure, calculate the value of angle x



25. An examination started at 8:30am and ended at 8:45am. How long was the examination?

27. Mary and Sarah shared 24 oranges in the ratio 1:2.

i. How many oranges did Mary get?

ii. How many oranges did Sarah get?

28. A cyclist travelled at a speed of 80Km/hr. If he covered a distance of 160Km, calculate the time taken for the whole journey.

29. Find the circumference of a circle whose diameter is 35cm. ($\pi = \frac{22}{7}$)

30. Solve the simultaneous equations below:

$$X + Y = 6 \text{ ----- (i)}$$

$$X - Y = 4 \text{ ----- (ii)}$$

31. (a) Using a pair of compasses and a ruler only, construct an equilateral triangle ABC with sides 4cm.

SECTION B

26. Find the value of the value of the following given that: $a=4$, $b=2$, $c=6$. $\frac{a^2+c}{b}$

(c) Simplify: $3(2x + 4y) - (3x - 2y)$

32. John bought a bag of sugar for SSP120.

He sold it making a profit of 10%.

(a) Find the selling price

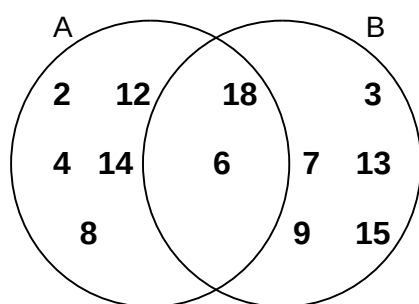
(b) Find the profit in SSP

33. A ball fell into a bucket full of water. 30% of the water spilt down.

(a) What percentage of water was left in the bucket?

(b) What fraction of water got spilt?

34. Given the following sets A and B.



(a) List the members of:

(i) Set (A) = { }

(ii) Set $(A \cap B)$ = { }

(iii) Set (B) only = { }

35. A farmer gets 36 litres of milk each day

How many litres of milk did he get in the month of December 2013?

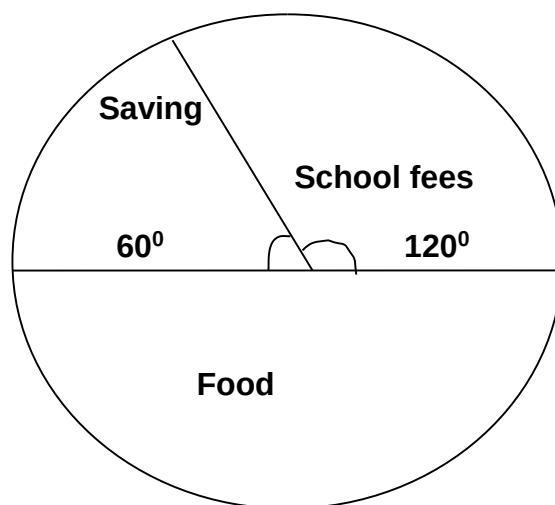
36. Six pupils attended Mathematics test and the following were their scores:

7, 5, 4, 7, 7, 5. What is:

(i) The modal score

(ii) The median score

37. The following pie chart represents information on how John spends his income, use the information to answer the following questions.



What fraction represents money on:

1- School fees?

2- Food?

3- Saving

Section "A" (40 marks)

- e) Share 40 tins of honey between two boys in the ratio 1:4

Question One

- a) Work out: $5731 + 2903$
- b) What is the place value of digit 5 in the number 835007
- c) Write the number 3620 in words
- d) Simplify: $10 - -4$
- e) List all the prime numbers between 4 and 16

Question Two

- a) What is the square root of $\frac{9}{16}$
- b) Find the decrease of 30% of 90 cows belonging to Tombe.
- c) $A = \{3, 6, 9, 12, 15\}$ and $B = \{4, 5, 6, 9, 11\}$ are two sets. Find $A \cap B$
- d) The floor of the room measures 8metre by 6 metre. Find its area.

Question Three

- a) Workout: $2p + q + 3r$. given that $p=4$, $q=3$, and $r=2$.
- b) Solve: $4x = x + 12$
- c) Simplify: $\left(\frac{1}{4} \times \frac{1}{2}\right) + \left(1\frac{1}{4} + \frac{2}{5}\right)$
- d) Work out: $13 \cdot 48 + 14 \cdot 67 + 6 \cdot 12$

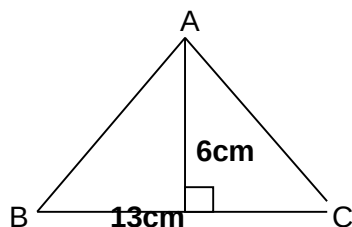
- e) Convert 12.5 hours to minutes

Question Four

- a) Convert 36000 metres to kilometres
- b) Find the volume of the box of length 12cm, width 6cm and height 2cm.
- c) Find the circumference of the circle whose diameter is 21cm. (Given $\pi = \frac{22}{7}$)

- d) Wani travelled at a speed of 20Km/hr for $3\frac{1}{4}$ hours. Find the distance that he covered.

- e) Find the area of the triangle ABC shown in the figure below.



Section "B" (60 marks)

Question Five

- a) List all the factors of 8.

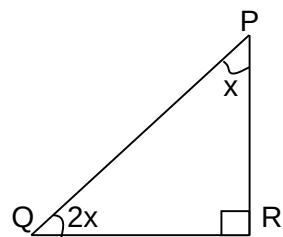
- b) Express 90% as a decimal

- c) Solve the simultaneous equations:

$$3x + y = 16 \text{ ----- (i)}$$

$$2x + y = 12 \text{ ----- (ii)}$$

- d) Find the size of the following angles indicated in the triangle shown below.



- (i) Angle x

- (ii) Angle 2x

Question Six

- a) Convert 0.125 tonnes into kilograms

- b) The price of a T- Shirt is SSP 80. Find the buying price if the discount of 10% is allowed.

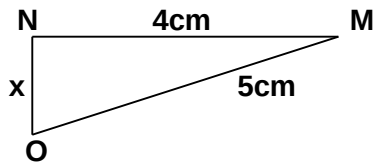
- c) A teacher gave an English test to 5 pupils and they obtained the following scores: 70, 45, 70, 55 and 50. Find:

- (i) The mean score

- (ii) Modal score

- (iii) Median score

- d) Find the length x of the side of triangle MNO in the figure below.



Question Seven:

- a) Express 0.05 as a fraction in its lowest form.
- b) 60% of the pupils in a school are boys and 40% are girls. Find the ratio of boys to girls in the simplest form.
- c) 5 mangoes weigh 400gm. Find the weight of 20 similar mangoes.
- d) A box contains 6 red balls and 4 green balls mixed together. Morbe draws one ball at random from the box. What is the probability that he will draw a green ball?

Answer All Questions:

Question One (34 marks)

A) Complete the table below.

Hindu Arabic numbers	Roman number
1	
4	
5	
9	

B) Workout the following:

1. $642437 + 235241$

2. $4 \cdot 03 + 3 \cdot 4$

3. 340×56

C) A farmer has 348 goats, 456 cows and 295 sheep on his farm. How many animals does he have altogether?

D) Convert the following fractions into decimals:

1. $\frac{7}{10}$

2. $\frac{1}{100}$

3. $\frac{18}{100}$

E) Workout the following using L.C.M

1. $3\frac{1}{2} + 2\frac{1}{4}$

2. $\frac{1}{4} + \frac{1}{8}$

3. $4\frac{3}{5} + 3\frac{2}{15} + 2$

F) Change the following into improper fraction:

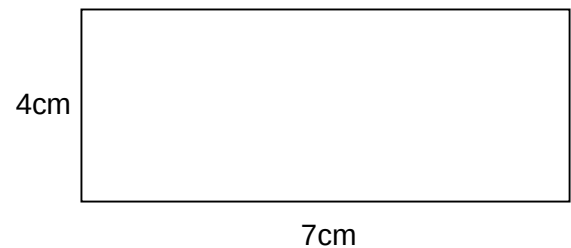
1. $7\frac{1}{4}$

2. $8\frac{5}{12}$

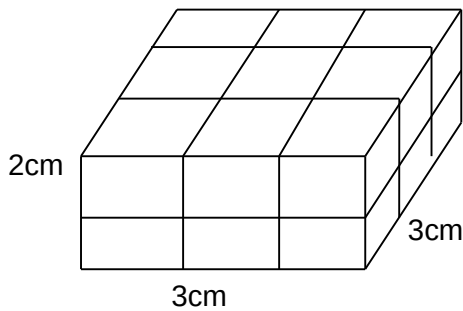
3. $11\frac{2}{3}$

Question Two (15 marks)

A) Find the area of the rectangle below.



B) Find the volume of the stack below.



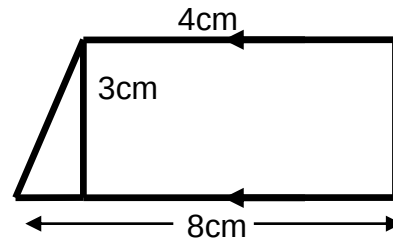
C) Change the following litres into millilitres.

1. 3 litres

2. 6 litres

2. $3w - 2y + x$

D) What is the area of the trapezium below?



Question Three (22 marks)

A) Andrew bought a shirt at SSP25 and later sold it to his friend at SSP40. Find his percentage profit.

B) Solve the simultaneous equations below:

$$3x + 3y = 27$$

$$2x + 3y = 24$$

C) If $w = 3$, $x = 2$ and $y = 0$. find the value of:

1. $\frac{w^2 + x^2}{13}$

Question Four (13 marks)

A) Give a condition for divisibility by 3

B) Is 484 divisible by 4?

C) State if the statement below are **true** or **false**.

1. 3716 is divisible by 4 ()

2. 894 is divisible by 4 ()

3. 1052 divisible by 3 ()

4. 96 is divisible by 3 ()

5. 582 is divisible by 5 ()

D) Define the divisor.

E) Write the divisors of the following numbers:

1. 27

2. 65

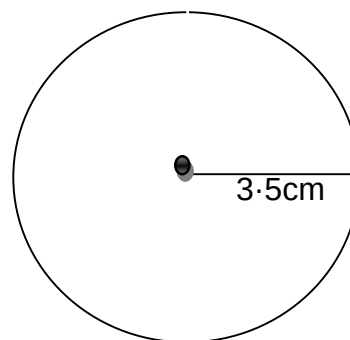
3. 21

4. 18

F) Find the G.C.D of 12 and 36

(ii) Find $A \cap B$

C) Find the circumference of the figure below. (Take $\pi=3.14$)



Question Five (10 marks)

A) Use the information given on the table below to answer the questions that follow:

Day of the week	Mon	Tue	Wed	Thu	Fri
Attendance	40	32	38	40	30

- (i) On which day of the week was the attendance highest?
- (ii) On which day was the attendance lowest?
- (iii) Calculate the mean attendance for the week.
- (iv) What would be the median?

B) Set A is a set of alphabet A, B, C, D and E, set B is a set of vowel letters in the alphabet.

(i) Name the two sets

Question Six (06marks)

A) Moses borrowed SSP60,000 from the bank from the bank at the rate of $2\frac{1}{2}\%$ per annum. What amount of money would he pay as interest at the end of 6 years?

B) A salesman is paid 5% commission on the sales he makes. One day he made a sale of SSP9,600. How much commission was he paid?

C) Mary bought a radio on hire purchase. She paid a deposit of SSP200 and the balance in 12 equal instalments of SSP60 each. What was the hire purchase price?

SECTION A (40 MARKS)

1. Why did God create man as a summit of his creation?
2. What do you understand by “faith” in God?
3. In what circumstances (situations) do you need to have courage?
4. Which son of Jacob was sold as a slave to Egypt?
5. Why was Jesus forced to carry the cross?
6. Name any one language the Bible was originally written in.
7. How did the Good Samaritan help the wounded man?
8. What gift did the disciples receive on the day of Pentecost?
9. Who was the first prophet of God?
10. When can we have sex as a gift from God?
11. How can Christian families grow in their knowledge of God’s word?
12. How did Jesus defeat Satan?
13. Why did God put the ground under a curse?
14. Why was the book of revelation written?
15. What did the father of the prodigal son do to show his forgiveness?
16. Explain the theory of evolution.
17. How do you feel when you deny a friend?
18. Who was the sinner whom Jesus Christ visited in his ministry?
19. Explain the meaning of the word “Golgotha.”
20. “I am the way, the truth and the life, No one comes to the father except through me.” Who said this?
21. Name the river in which Jesus Christ was baptized.

22. Mention any one form of marriage.
.....
23. What do you think made God unhappy with Cain?
.....
24. Give the name of the books written by God's inspired people.
.....
25. State the only way of communicating to the creator.
.....
26. Write the name of the rules and regulations written by God on Mount Sinai.
.....
27. Define the term "Repent."
.....
28. How should boys and girls behave when they are together during puberty?
.....
29. Who betrayed Jesus Christ?
.....
30. Which gift did Peter receive?
.....
31. What was the name of Samuel's mother?
.....
32. State what happened when Paul and Silas were in prison.
.....
33. How long did it take God to create the universe?
.....
34. Why did Ananias and his wife Sapphira die?
.....
35. State the role of a Christian as explained by Paul in the Bible?
.....
36. Name the writer who wrote the book of Genesis.
.....
37. What happened to the water at the wedding in Cana?
.....
38. What words did Jesus tell Peter before he was arrested?
.....
39. Differentiate between Cana and Canaan.
.....
40. Write any one prophet in the Bible who was taken to heaven alive?
.....

SECTION B (60 MARKS)

41. Write any four abilities God has given to people.
 - i.
 - ii.
 - iii.
 - iv.

42. (a) How can you learn to be a disciple of Jesus?

 (b) Name the two disciples of Jesus who were fishermen.
 (i)..... (ii)
 (c) Give the name of the man who replaced Judas.

43. (a) Why do you think it is important for boys and girls to mix freely?

 (b) State any three events where boys and girls can spend time together.
 i.
 ii.
 iii.
44. "It is finished father, into your hands I commit my spirit."
 a) Who said this?
 b) To whom?
 c) Where?
 d) When?
45. (a) What does the term "marriage" mean?

 (b) State the three types of marriage.
 i.
 ii.
 iii.
46. Explain the following terms:
 (a) Palm Sunday.

 (b) Good Friday.

 (c) Pentecost Day.

 (d) Easter Sunday.

47. (a) Who were the two sons of Adam and Eve?
 (i)..... (ii)
 (b) State any two consequences of human disobedience to God.
 i.
 ii.
48. (a) What miracle did Jesus do to his friend Lazarus?

 (b) Name the two sisters of Lazarus.
 (i)..... (ii)
 (c) What did Jesus say after receiving the message about the death of Lazarus?

49. Explain any four uses of trees in our churches today.
 i.
 ii.

- iii.
- iv.
50. (a) What is puberty?
-
- (b) Explain any three changes experienced during the period of puberty.
- i.
- ii.
- iii.
51. (a) Write the meaning of the Ten Commandments.
-
- (b) State any one importance of the Ten Commandments.
-
- (c) Explain the two great commandments taught by Jesus Christ.
- i.
- ii.
- iii.
52. (a) What is divorce?
-
- (b) Mention any three causes of divorce in families today.
- i.
- ii.
- iii.
53. (a) Give any two similarities between Christians and Muslims
- (i).....
- (ii).....
- (b) List any two differences between Christians and Muslims.
- i.
- ii.
54. (a) What is a sacrament?
-
- (b) Name any three sacraments you know.
- i.
- ii.
- iii.
55. (a) State any two ways why fasting is significant for Christians.
- i.
- ii.
- iii.

CRE – PAPER TWO

Question One (20 marks)

Write/draw a circle round the correct letter a, b, c and d

1. The Lord was pleased with.....offering.
- | | |
|---------------|-------------|
| a) Zacchaeus' | c) Elijah's |
| b) Abel's | d) Joseph's |

2. God is our shelter and strength, always ready to help in times of.....
 - a) Hunger
 - b) Mercy
 - c) Joy
 - d) Trouble
3. The priests carrying the covenant box stepped into the river, the.....
 - a) Storm disturbed
 - b) River stopped
 - c) River rise up
 - d) River increased
4. When Jesus started his work, he was.....
 - a) 13 years old
 - b) 30 years old
 - c) 14 years old
 - d) 35 years old
5. There are.....books in the holy Bible
 - a) 66
 - b) 60
 - c) 56
 - d) 65
6. The local believers who gather together for prayers are called.....
 - a) Universal church
 - b) Children of Eve
 - c) Local church
 - d) Born again
7. The first disciples of Jesus were.....
 - a) Fishermen
 - b) Religions
 - c) Shepherds
 - d) Pharisees

Section "B" (60 marks)

Question One (20 marks)

Answer the following questions mentioning the speaker(s) and the person(s) spoken to

1. "Are you the king of the Jews?"
 - a) Who said this statement?
 - b) To whom?
2. "We gave you strict orders not to teach in the name of Jesus."
 - a) Who said this statement?
 - b) To whom?
3. "Truly, I say to you, you will be with me in paradise."
 - a) Who said this statement?
 - b) To whom?
4. "Sir, how often should I forgive my brother who sins against me?"
 - a) Who said this statement?
 - b) To whom?
5. "Your brother's blood is crying out to me from the ground."
 - a) Who said this statement?
 - b) To whom?
6. "Come with me and I will teach you how to catch people."
 - a) Who said this?
 - b) To whom?
7. "Fill your horn with oil and be ready to be on your way to Jesse."
 - a) Who said this?
 - b) To whom?
8. "Please, your majesty don't kill the child give it to her."
 - a) Who said this statement?

- b) To whom?
9. "He has made himself to be the son of God."
 a) Who said this statement?
 b) To whom?
10. "We must obey God and not men."
 a) Who said this statement?
 b) To whom?

Question Two (20 marks)

Write the meanings of the following phrases or words

1. The church.
2. The holy Bible.
3. Yahweh.
4. Jesus.
5. John.
6. Zachariah.
7. Sunday.
8. Covenant box.
9. Pentecost day.
10. Simon Peter.

Question Three:

Choose one question from these questions (A or B)

A) Write short notes/answers on the following questions:

1. What is circumcision according to Christian belief?

2. Why did the King Herod want to kill the baby Jesus?

3. Who was the father of Jesus and John the disciple of Jesus?

4. What is the meaning of the name "Immanuel"

5. How old was Abraham when he was circumcised?

6. What does the fourth (4th) commandment of God say?

7. What does Good Friday refer to?

8. Who was the best friend of Jesus among the twelve disciples?

9. What is fasting according to Christian teaching?

10. What is the meaning of “blessed Trinity.”

B) Match the following words with the correct answers from column “A” with column “B” and write them in column “C” (20 marks)

Column A	Column B	Column C
Christ	Criminal	
Holy spirit	Believers	
Family problem	Anointed one	
Judas Iscariot	Alcohol	
Barnabas	Gifts of tongues	
False witnesses	Obed and Edon	
Soul	Calvary	
Church	Tell lies	
Skull	Blessed are the peace makers	
Peace	Betrayal	

CRE – PAPER THREE

SECTION A

Question One (10 marks)

Write tick (✓) in front of a correct statement and cross (×) in front of a wrong statement in the following:

1. When Mephiboseth, son of Jonathan and grandson of Saul arrived, he bowed down before David. ()
2. When Jesus Christ was arrested, Simon Peter denied him three times ()
3. “It is better to suffer for doing well than for doing evil. ()
4. Traditionally, the white dress shows that the bride was not a virgin. ()
5. King Solomon was led away from God by his foreign wives. ()
6. *The miracles performed by Jesus show us that he is God and has power over all creation.* ()
7. Cain was the first boy born to Adam and Eve. ()
8. Parables are not stories which have meaning related to spiritual things. ()
9. In his teaching, Jesus said that riches do not bring true happiness. ()
10. God told Moses that he had chosen him to lead the children of Israel out of Egypt. ()

Question Two (10 marks)

Fill in the blank spaces provided with the correct words given in the table.

Holy ground – big show – Abraham – lives – Moses – knowledge – peace – three – seven –
hate – trust – refectory – church

1. Most people desire to live in.....with their neighbours.
2. While Jesus Christ was on the cross, he spoke.....times.
3. We must thank God for giving us.....so that we can learn and develop.
4. When you do not cheat your father and mother, then they will.....you.
5. The local gathering of the believers is called.....
6. "Take off your sandals. This is....."
7. "So when you give something to a needy person, do not make a.....of it."
8. The man who was a friend of God and the father of nations was.....
9. God has planned that a man and a woman should marry and stay together all of their.....
10. God spoke to.....in the burning bush.

Question Three (10 marks)

Match the information in column "A" with the corresponding information in column "B" and write their answers in Column "C" in the following spaces provided.

Column "A"	Answer column "C"	Column "B"
Simon		Anointed one
Congregation		Cyrene
Christ		Church
Family problem		Advocate
Holy spirit		Alcohol

Question Four (10 marks)

Briefly, answer the following questions.

1. What is circumcision according to Christian belief?
.....
2. Why did King Herod want to kill baby Jesus?
.....
3. Mention any one quality of a good Christian.
.....
4. Write one of the duties of children towards their parents.
.....
5. Who was the father of the two disciples of Jesus Christ (James and John)?
.....

SECTION B

Question One (30 marks)

Circle the letter of the correct answer from the alternatives provided below.

1. Jesus Christ was born on the day of Christmas on the:
 - a. 25th December, at 12:00pm
 - b. 25th December, at 12:00am
 - b. 24th December, at 12:00pm
 - d. 24th December, at 12:00am
2. The apostle of Jesus Christ who was stoned to death is called?
 - a. Judas Iscariot
 - c. Barnabas
 - b. Stephen
 - d. Simon Peter

3. Christian remember the death of Jesus Christ through the.....of Holy Communion.
 - a. Discipleship
 - b. Congregation.
 - c. Celebration.
 - d. Sufferings
4. Submit yourselves to one another means.....
 - a. Man to man
 - b. Couple marriage
 - c. Woman to woman
 - d. None of the above
5. "Are you the king of the Jews?"
 - a. Who said this statement?
 - b. To whom?
6. Write any one spiritual value that help keep the society.
.....
7. The Holy Bible was originally translated into three languages. Name one of them.
.....
8. Name the last two books in the Old Testament.
 - a.
 - b.
9. The first miracle that Jesus performed was
.....
10. Why is the Day **Sunday** very important in the life of Christian?
.....

Question Two (30 marks)

Briefly, write short answers to these questions.

1. Define the following words:
 - a. Edification.
 - b. Monogamy.
2. Write any two sinful acts which people commonly commit in your community.
 - a.
 - b.
3. What does God do to people who confess and repent of their sins?
.....
4. Why was the baby Jesus taken from Bethlehem of Judea to Egypt?
.....
5. What is the meaning of Trinity?
6. Give any two major reasons why Christians pray?
 - a.
 - b.
7. State any two qualities of a good Christians.
 - a.
 - b.
8. Whom did Jesus love most among his twelve disciples?
.....
9. What is the meaning of the name "Immanuel."
.....

10. Mention any two practices which destroy our friendship in marriage and family.

- a.
- b.

CRE – PAPER FOUR

Question One: (10 marks)

Circle the correct alternative.

1. The following are good qualities of human beings except.....
 - a) Love
 - b) Peace
 - c) Envy
2. King David moved the covenant box from.....to Jerusalem.
 - a) Baaliah
 - b) Galilee
 - c) Bethlehem
3. African creation stories help believers to.....
 - a) Be jealous
 - b) Witness
 - c) Be proud
4. God controls.....
 - a) Nature
 - b) History
 - c) All the above
5. When Jesus was arrested, he was first taken to.....
 - a) Pilate
 - b) High priest
 - c) Herod.
6. The Holy Bible is made up of.....books.
 - a) 39
 - b) 27
 - c) 66
7. "Are you the King of the Jews?" Who said these words?
 - a) Herod
 - b) Pilate
 - c) Caiaphas
8. Which word did Jesus use to summarize the Ten Commandments?
 - a) Love
 - b) Peace
 - c) Kindness
9. The universal church includes:
 - a) All religions
 - b) All people
 - c) All believers
10. Which one is not a fruit of the Holy Spirit?
 - a) Peace

- b) Wisdom
- c) Love

Question Two: PART A (5 MARKS)

Fill in the blank spaces with the correct words

1. Male circumcision is sometimes practiced for medical reasons. Two of these reasons include:
 - (i)
 - (ii)
2. Write two of the languages used on the notice written on the cross of Jesus.
 - (i)
 - (ii)
3. The two types of churches are
 - (i)
 - (ii)
4. Mention any two duties of a husband to his family.
 - (i)
 - (ii)
5. Two of the qualities of a good disciple or follower of Jesus are:
 - (i)
 - (ii)

Question Two – PART B (5 MARKS)

1. If any of you lack.....you should.....to God. (James 1:5)
2. I have.....in order that you might have.....and have it in fullness. (John 10:10)
3. Don't.....about anything but in all.....ask God..... (Philippians 4:6)
4. I have.....you this so that you will not give up your..... (John 16:1)
5. Speak to one another with the.....of Psalms hymns and sacred..... (Ephesians 5:19)

Question Three (10 Marks)

Context questions

1. "Come now therefore and let us kill him and throw him into the pit."
 - (a) Who said this?
 - (b) To whom?
 - (c) Where?
 - (d) When?
 - (e) Why?
2. "She is your mother."
 - (a) Who said this?

- (b) To whom?
- (c) Where?
- (d) When?
- (e) Why?

Question Four (10 Marks)

Match column A with column B in the answer column.

Column A	Answer column	Column B
Eve's offspring		Cyrene
Peer pressure		Jesus on the cross
Christian life churches		Mephiboseth
Simon		Obed Edom
I am thirsty		Christ
Kindness		Independence
Covenant box		Friend of opposite sex
Family life disrupted		Gift of tongue language
Self control		Meekness in family
Pentecost		War

Question Five (10 Marks)

Write briefly about the following:

1. King Saul

.....

.....

2. Peter.

.....

.....

3. Sarah.

.....

.....

4. Circumcision.

.....

.....

5. Marriage.

.....

.....

CRE – PAPER FIVE

SECTION ONE

Q1. Circle the letter A, B, C or D in front of the correct answer from the following.

- (i) The first book of the Holy Bible is called?
- (a) Mathew (c) Exodus
- (b) Genesis (d) Acts

- (ii) God created the universe in.....days.
 (a) Two (c) Twenty
 (b) Five (d) Six
- (iii) The word polygamy means.....
 (a) Marrying one wife
 (b) Marrying many wives
 (c) None of the mentioned
- (iv) Jesus Christ was crucified at.....
 (a) Garden of Eden (c) Golgotha
 (b) Palace of the king (d) Bethlehem
- (v) The word "Holy Spirit" means?
 (a) Helper (c) Learner
 (b) Disciple (d) Apostle

Q2. Put a tick (✓) in front of a correct statement and a cross (×) in front of a wrong statement in the following.

- (i) Abraham was ninety nine years old when he was circumcised. ()
 (ii) Simon Peter denied Jesus Christ three times. ()
 (iii) The disciple that Jesus loved much is called John Mark ()
 (iv) The books of the new testament are 27 in number ()
 (v) The first miracle performed in Cana by Jesus Christ during the wedding ceremony was changing water into wine ()
 (vi) The kingdom of God belongs to the wealthy. ()

Q3. Fill in the blank spaces with suitable words from the following:

Caiaphas the High priest – church – Jesus Christ – peace makers

- (a) Blessed are the.....for they will be called sons of God.
 (b) "It is finished father, into your hands, I commit my spirit." This was said by
 (c) As soon as Jesus Christ was arrested, they took him to.....
 (d) The local gathering place of the Christian believers is called.....

Q4. Briefly answer the following in the spaces provided.

- (a) Write any one quality of a good Christian.

 (b) The Holy Bible was originally translated in three languages. Mention any one.

 (c) Give any one of the duties of the children towards their parents.

 (d) Tell any one of the spiritual values that help to keep the society.

 (e) Name any one of the greatest commandments of Jesus Christ

SECTION TWO

Briefly answer all the following questions in the spaces provided.

1. State the four ways in which parents show love to their children
 - i.
 - ii.
 - iii.
 - iv.
2. Write any four qualities of a good leader.
 - i.
 - ii.
 - iii.
 - iv.
3. Name any four sinful acts which people commit in your society.
 - i.
 - ii.
 - iii.
 - iv.
4. "Father, forgive them, for they do not know what they are doing."
 - (i) Who said?
 - (ii) To whom?
 - (iii) When?
 - (iv) Where?
5. (a) Name the first two books in the Old Testament.
 - i.
 - ii.(b) Name the first two books in the New Testament.
 - i.
 - ii.
6. Identify any four problems which cause misunderstanding between husband and wife.
 - i.
 - ii.
 - iii.
 - iv.
7. (a) List the two types of marriage
 - (i).
 - (ii).(b) Name the two main types of Christian celebration.
 - (i)
 - (ii)
8. (a) What is the meaning of the word "Disciple."
.....
.....
.....
(b) Mention any two disciples of Jesus Christ.
 - i.
 - ii.
9. State any four qualities of a true disciple.
 - i.
 - ii.
 - iii.
 - iv.

10. (a) List any two gifts of the Holy Spirit.
 (i)..... (ii)
 (b) Where was the ten (10) commandments received?

11. (a) Name the helper that Jesus promised to send to his disciples.

 (b) How does Jesus Christ set us free from sin?
 i.
 ii.
12. Mention any four causes of divorce in our community.
 i.
 ii.
 iii.
 iv.
13. (a) Why do Christians pray before eating?

 (b) Who betrayed Jesus Christ?

14. Match the information in column "A" with the corresponding information in column "B".
 Write each piece of information in column "B" in the correct space in the answer column.

Column A	Answer column	Column B
Rude		Peace
Congregation		Children
Head of the family		Patience
Replacing Judas Iscariot		Cross
Blessed are the peace makers		Mathias
Obey their parents		Vulgar
Jesus Christ		Husband
God of patience		Church

SECTION "A" (40 Marks)

Question One: "A" and "B" (20 Marks)

A- Put a Tick (✓) in front of a correct statement and a Cross (✗) in front of a wrong statement, the answers should be inside the brackets. (10 Marks)

- God created the world in seven days. ()
- Envy makes us hostile to those who have never injured us. ()
- "It's finished father into your hands I commit my spirit." This was said by St. Paul. ()
- Sin entered the world when Sarah and Abraham had sinned. ()
- Abel was the son of Adam and Eve. ()
- Love and honesty are the qualities of a Christian. ()

7. Religious marriages are always conducted at home. ()
8. The first book of the Holy Bible is called Exodus. ()
9. God showed His love by sending Moses. ()
10. The majority of the Psalms that were included in the Holy Bible were composed by King David. ()

B- Fill in the blank spaces with the suitable words to give meaningful statements. (10 Marks)

11.means to confess and turn away from sins.
12.was the assistant of Moses.
13. The.....has been translated into many languages than any other book in the world.
14. "The body is not to be used for sexual immorality, but to serve the....."
15. Be holy in all that you do, just aswho called you is holy.

Question Two: "A" and "B" (20 Marks)

A- Put the words in the box into the spaces provided to make the sentence meaningful. (10 Marks)

Herod Agrippa - Obscene - Day - Jesse - Theory

16. God then separated the light from darkness. He called the light.....
17.is an idea that tries to explain something.
18. Apostle James, the brother of John was put to death by.....
19. The father of King David was known as.....
20.means an offence to accept sexual immorality.

B- Match Column "A" with the words in Column "B" by writing in the answer Column "C" (10 Marks)

	Column "A"	Answers Column "C"	Column "B"
21.	Happiness		Anointed one
22.	Revenge		Rude
23.	Sanhedrin		Obey their parents
24.	Ark		Eye for eye
25.	State Authority		Court of the Jews
26.	Patience		Pay taxes
27.	Be Brave		Eight people
28.	Vulgar		Peace maker
29.	Children		God of patience

30.	Christ		I have defeated the world
-----	--------	--	---------------------------

SECTION "B" 60 MARKS

Question One: (20 Marks)

Circle the letter of the correct answer from the alternatives A, B, C, and D.

1. The word "Christ" in Greek is the same as Messiah in the.....language.
 A. Arabic B. Aramaic C. English D. Hebrew
2. The church is made up of those who have their sins forgiven because of the shed blood of Jesus at.....
 A. Temple B. An altar C. Calvary D. Holy of the holiest
3. In the Holy Bible, New Testament has.....books.
 A. 17 B. 27 C. 39 D. 7
4. It was apostle.....who cut off the right ear of Malchus the slave of the High Priest.
 A. Simon Peter B. Thomas C. James D. Andrew
5. There's.....church.
 A. Local and universal B. Local C. Universal D. None of these
6. Who do you think is the prince of peace?
 A. Angel Gabriel B. Jesus Christ C. Angel Michael D. Holy Spirit
7. It was envy that brought about the first shedding of blood in human history. The first mankind was.....
 A. Stephen B. Simon Peter C. Abel D. James
8. As Jesus walked along the shore of....., he saw two brothers who were fishermen: Peter and his brother Andrew.
 A. Lake Victoria B. Lake Galilee C. Lake Albert D. Red Sea
9. Jesus Christ was circumcised when he was.....old.
 A. Eight days B. Eight weeks C. Eight hours D. Eight months
10. Who was the father of Apostle James and John?
 A. Zachariah B. Zebedee C. Joseph D. Timothy

Question Two: (20 Marks)

Answer the following questions mentioning the speaker(s), the person spoken to, and the occasion.

1. "I say to you, unless one is born of water and spirit, he cannot enter the kingdom of God. That which is born of flesh is flesh and that which is born of spirit is spirit"

a. Who said this statement?

b. To whom?

- c. When?
2. "She is your mother."
- a. Who said this statement?
- b. To whom?
- c. When?
3. "At your service Sir."
- a. Who said this statement?
- b. To whom?
- c. When?
4. "Are you the Messiah, the son of God?"
- a. Who said this statement?
- b. To whom?
- c. When?
5. "Sir, how often should I forgive a brother who sins against me? Seven times?"
- a. Who said this statement?
- b. To whom?
- c. When?

Question Three: (10 Marks): Choose one question from "A" and "B"

A. Write short answers on the following questions:

1. State the first two books of the gospel books.
- (i) (ii).....
2. Mention only two names given to the members of the church.
- (i) (ii).....
3. Bible is divided into two sections. Mention them.
- (i) (ii).....
4. Name the four spiritual values that help to keep peace in the society.
- (i) (ii).....
- (iii) (iv).....

B. Give the meanings of the following words given:

1. Covenant
-

2. Widow
3. Righteous
4. Bible
5. Relief

Question Four: (10 Marks)

Give brief answers to the given questions:

1. What do you call the day in which Jesus died on the cross?
.....
2. Who was the first King of Israel Nation?
.....
3. In which was Joseph sold as a slave?
.....
4. What was the position of Caesar in the Roman Empire?
.....
5. Give the name of the missionary who established the church in Muru (Moru) land in South Sudan.
.....

SST – PAPER ONE

SECTION A (40 MARKS) 20 QUESTIONS

1. Name the largest continent in the world.
.....
2. In which direction is Sudan from South Sudan?
.....

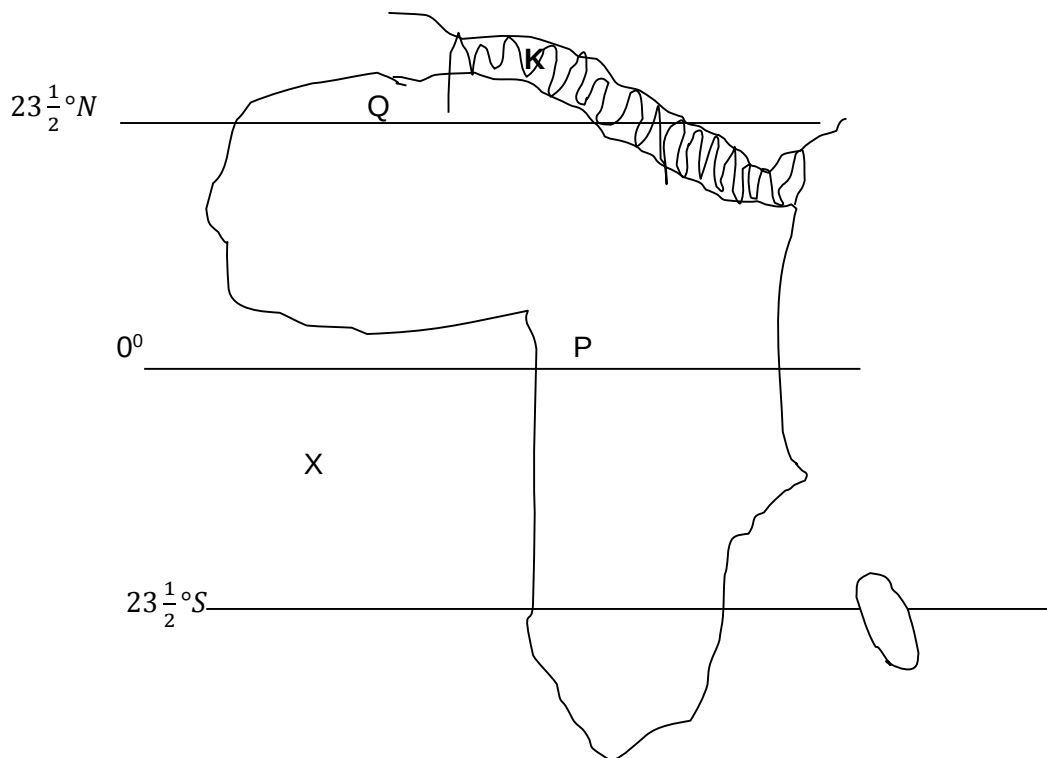
3. Define the word "independence."
.....
4. What is the population of South Sudan?
.....
5. What type of food crop is grown in Aweil?
.....
6. Write KAU in full
.....
7. The 0° longitude is called?
.....
8. What is the cradle land of the Luo?
.....
9. Which state produces cotton in U.S.A?
.....
10. Who was Mahdi?
.....
11. Give one problem faced by pastoralists in South Sudan.
.....
12. Name the country directly interacting with South Sudan in trade.
.....
13. Write one national philosophy of South Sudan
.....
14. The colonial power of Sudan is?
.....
15. Mention one characteristic of Equatorial climate.
.....
16. What is the opposite of polygamy?
.....
17. Name one dam found in California.
.....
18. When was UNO formed?
.....
19. What is the size of South Sudan?
.....
20. Why should people practice irrigation in Sudan?
.....

SECTION B (60 MARKS)

21. (a) Define mining:
- (b) Mention any three minerals mined in South Sudan.
 - (i)
 - (ii)
 - (iii)
22. (a) What is urbanization?
- (b) Outline three factors that encourage the development of urban centres.
 - (i)
 - (ii)

- (iii)
23. Write these abbreviations in full.
- (i) SPLM
- (ii) ILO
- (iii) IFC
- (iv) WTO
24. (a) State any two major types of marriages in South Sudan.
- i)
- ii)
- (b) Mention any two places where religious marriages are conducted.
- i)
- ii)
25. Mention any two personalities in South Sudan.
- (i)
- (ii)
- (iii)
- (iv)
26. List down the four types of soil
- (i)
- (ii)
- (iii)
- (iv)
27. (a) What is migration?
-
- (b) Outline any three forms of migration.
- (i)
- (ii)
- (iii)
28. Mention any four factors for the promotion of national Unity in South Sudan.
- (i)
- (ii)
- (iii)
- (iv)
29. Outline four climatic regions in Africa
- (i)
- (ii)
- (iii)
- (iv)
30. Highlight any four ways through which the Republic of South Sudan with nations in the World.
- (i)
- (ii)
- (iii)
- (iv)
31. (a) What is a cooperative society?
-
- (b) List any three examples of Agricultural societies.
- (i)
-
- (ii)
- (iii)

32. (a) Define trade.
- (b) Mention any three imports of South Sudan
- (i)
- (ii)
- (iii)
33. Mention any four continents of the World.
- (i)
- (ii)
- (iii)
- (iv)
34. (a) Define Poultry.
- (b) Give three examples of domesticated birds.
- (i)
- (ii)
- (iii)
35. Study the map and answer the following questions.

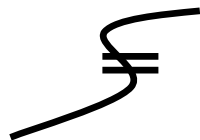


- a) Name the water bodies marked
- K (Mediterranean Sea, Atlantic Ocean)
- X..... (Mediterranean Sea, Atlantic Ocean)
- b) Name the lines marked
- P (Equator, Tropic of cancer)
- Q (Equator, Tropic of cancer)

SECTION A (40 MARKS)

1.is the element on a map used for calculating distance.
2. Planting trees on the land where there are no trees is called.....
3. Which country lies south east of South Sudan?
.....
4. Define the word "Election."
.....
5. Identify any one traditional food crop which has become one of the cash crops.
.....
6. What is poultry?
.....
7. What type of rainfall is formed by the help of mountains?
.....
8. Which political party fought for the independence of South Sudan?
.....
9. State any one way in which UNICEF has improved the health of South Sudanese.
.....
10. Which crop is grown in Aweil County?
.....
11. In which year was the Managil Branch Canal of Gezira completed?
.....
12. Name any one cash crop grown in Sri-Lanka.
.....
13. Mention any one use of honey.
.....
14. Which type of Soil is formed from weathered lava?
.....
15. Mention any one type of cooperative society in South Sudan.
.....
16. Mention any one product of a pig.
.....
17. Write down any one factor that promotes national unity in South Sudan.
.....
18. Name the deepest lake in Africa.
.....
19. What mineral is South Sudan relying on as a source of income?
.....
20. How is the government of South Sudan trying to reduce the number of people who cannot read and write?
21. Write K.A.U in full.
.....
22. Mention the headquarters of Yei River State.
.....
23. Give any one importance of budgeting.
.....
24. Define the word "Pastoralism."
.....

25. Name the largest climatic region in Africa.
.....
26. State any one cause of road accident.
.....
27. Who is the leader of Anti-Government Opposition fighting the Juba regime since 15 December 2013 to date?
.....
28. Mention the cradle land of the Bantu.
.....
29. Enumerators are people who carry out
30. What words best describes exchanging of goods for goods?
.....
31. Why should road signs and rules be taught in schools?
.....
32. Abbreviate these words "Food and Agriculture Organisation."
.....
33. Give any one reason why money is kept in banks.
.....
34. Define poaching.
35. Which water body boarders Africa in the west?
.....
36. What does the Green colour mean in the South Sudan flag?
.....
37. Why is the 9th January 2005 remembered in the history of South Sudan?
.....
38. Define the word "Education."
39. The type of marriage where ceremonies take place according to our customs and traditions is?
.....
40. Identify the symbol below.



SECTION B (60 MARKS)

41. (a) Give any two factors which influence population distribution.
i.
ii.
- (b) Suggest any two ways by which the government can control population increase.
i.
ii.
42. (a) Write down any two achievements of the African Union (AU)
i.
ii.
- (b) Mention any two challenges faced by the African Union (AU)
i.
ii.

43. Give any four reasons why South Sudan should have good relationship with her neighbours.
- i.
 - ii.
 - iii.
 - iv.
44. (a) Define the word Environment.
-
- (b) How do we spoil or misuse our environment? Give three ways
- i.
 - ii.
 - iii.
45. (a) Suggest any one reason why the Nile delta is densely populated.
-
- (b) List down three countries benefiting from the River Nile in Africa.
- i.
 - ii.
 - iii.
46. Mention any four roles of South Sudan Police Service.
- i.
 - ii.
 - iii.
 - iv.
47. (a) Give any two functions of cooperative society.
- i.
 - ii.
- (b) State two benefits of cooperative society.
- i.
 - ii.
48. (a) Define Soil erosion.
-
- (b) Outline any one cause of soil erosion.
-
- (c) Suggest two ways of soil conservation measures you know.
- i.
 - ii.
49. (a) Mention two ways of acquiring citizenship.
- i.
 - ii.
- (b) State two duties of a good citizen in a country.
- i.
 - ii.
50. (a) Define the following terms:
- (i) Scramble of Africa.
-
- (ii) Partition of Africa.
-
- (b) Which two European Countries that took part in the scramble and the partition.
- i.
 - ii.

51. (a) What is a resource?
-
- (b) List the three resources of South Sudan.
- i.
- ii.
- iii.

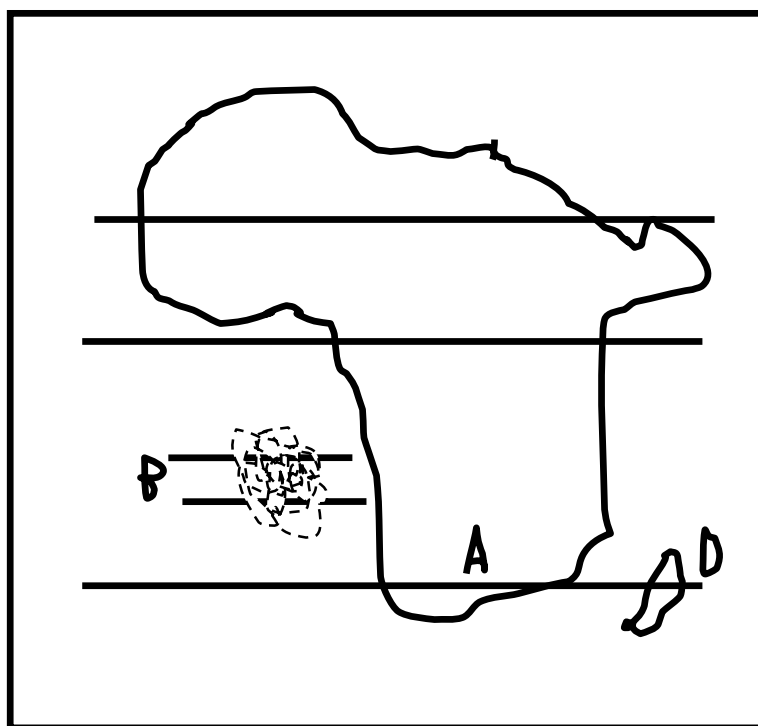
52. Match the information in column A with their corresponding information in column B

Column A	Answer Column	Column B
South Sudan Liberation Movement – Anyanya		12 th 1947
Juba Conference		Alluvial soil
Deposited in large valley and estuaries of river		Forest
An extensive piece of land with trees		1955 – 1972

53. Write the following abbreviations in full.

- a) P.L.E
- b) I.O.M
- c) N.G.Os
- d) W.F.P

54. Study the map of Africa and answer the following questions.



- a) Line marked A
- b) Economic activity in area B
- c) Country labelled D
55. (a) Define the balanced budget.
-
- (b) Apart from the balanced budget, name the other two types of budget.
- i.

- ii.
- (c) Which one of the three budgets is best for a family?
.....

SST – PAPER THREE

SECTION ONE

Question One:

Fill in the blank spaces with suitable words.

1. Theis responsible for maintaining law and order.
2. The canal that connects Africa to Europe is called.....
3. The social insects that produce honey are called.....
4. The Khartoum conference of 1947 was chaired by.....
5. The country that borders South Sudan in the north is called.....

Question Two:

Provide short answers to the following questions:

1. What is Drainage?
2. Name the longest lake found in South Sudan?
.....
3. Name any one way of modern communication.
.....
4. Describe how the population of a country can be determined.
.....
5. Define a cash crop.

Question Three:

Match the information in column A with the corresponding information in column B in the space given.

Column A	Answer Column	Column B
Natural Forest		Aweil rice scheme
Loamy		Sennar dam
Flood irrigation		Indigenous trees
Gezira scheme		Poultry
Domesticated birds		Sandy and clay soil

Question Four:

Rearrange the following events in chronological order.

1. The Juba Conference
2. Robert Mugabe became Prime minister of Zimbabwe
3. The white movement of Ali Abdel Lalif
4. The coup of former President of Sudan Jaafer Mohamed Nimeri
5. The independence of Eretria

1.
2.
3.
4.
5.

Question Five:

Put a tick (✓) in front of a correct statement and a cross (×) in front of a wrong statement.

1. River Nile is the longest river in Africa. ()
2. Crop farming is one of the livelihood activities practised in South Sudan. ()
3. The UN secretariat is based in London. ()
4. Mohamed Ali Pasha conquered the Sudan in 1821 ()
5. Longitude 0° is the point from which local time is measured. ()

Question six:

Choose the correct answer by circling the letters A, B, C and D to fill in the blank space.

1. The International court of justice is based in
 - a. New York
 - b. Italy
 - c. Hague
 - d. Juba
2. Which one of the following types of marriage accept polygamy?
 - a. Hindu marriage
 - b. Christian marriage
 - c. Civil marriage
 - d. Islamic marriage
3. Which one of the following cannot be inherited from a dead person?
 - a. Knowledge
 - b. Clothes
 - c. House
 - d. Responsibilities
4. The president of South Africa who stepped down in 1998 is called?
 - a. Nelson Nkrumah
 - b. Nelson Mandela
 - c. Nelson King
 - d. Nelson Mugabe
5. Urban centres or towns develop through.....
 - a. Security
 - b. Army
 - c. Trade
 - d. Road

SECTION TWO

Question One:

Define the following

1. Cooperative.
2. Climate.
3. Population.
4. Animal husbandry.

Question Two:

- 1) A. What is pastoralism?
B. State two characteristics of an urban centre or town.
i.
ii.
- 2) A. State two duties of the police in the society.
i.
ii.
B. Mention two characteristics of a good citizen.
i.
ii.
- 3) A. Mention any two types of marriage.
i.
ii.
B. State any two uses of honey.
i.
ii.
- 4) A. Mention any two causes of soil erosion.
i.
ii.
B. List any two benefits of the fishing industry in South Sudan.
i.
ii.
- 5) A. Mention any two minerals found in South Sudan.
i.
ii.
B. State any two types of climate.
i.
ii.
- 6) A. State the three organs of Government.
i.
ii.
iii.
- 7) Mention two types of communication.
i.
ii.
iii.
- 8) Write the following abbreviations in full.
a) AU:

- b) UNESCO:
- c) UNHCR:
- 9) State any four problems facing cooperatives.
- i.
- ii.
- iii.
- iv.
- 10) Outline four uses of soil.
- i.
- ii.

SST – PAPER FOUR

SECTION A

1. How many states are there in South Sudan?
.....
2. Which country colonised South Sudan?
.....
3. What is subsistence farming?
.....
4. Define artificial forest.
.....
5. Suggest any one role of a Sultan in South Sudan.
.....
6. What is census?
.....
7. Which type of soil allows water to pass through it easily?
.....
8. Why do we study SST?
.....
9. What makes you to be identified as a school child during school hours?
.....
10. Where do we locate the Antarctic Circle on the map of the world?
.....
11. Why do people elect (vote) for the head boy of a school?
.....
12. What do we mean by physical environment?
.....
13. What is a picture?
.....
14. In which compass direction is Seventh Day Adventist Compound from Munuki East?
.....
15. Differentiate between Semi – desert climate and Savannah climate.
.....
16. How is the Greenwich Meridian vital to a map reader?
.....
17. What is RUM?
.....
18. Define monogamy.
.....

19. Why is games and sports taught in schools?
.....
20. Define crop farming.
.....
21. What is mining?
.....
22. Where is Petroleum mined in South Sudan?
.....
23. What do you understand by the term "Vegetation?"
.....
24. Give one danger of environmental degradation.
.....
25. What is terracing?
.....
26. Define population density?
.....
27. Which country in Africa is sparsely populated?
.....
28. What is urban to urban migration?
.....
29. Define nuclear family?
.....
30. Why was the central valley project established?
.....
31. Where is Brazil found in the map of the World?
.....
32. Write any one agent of soil erosion.
.....
33. Name one way of controlling soil erosion.
.....
34. Mention the capital city of Ethiopia
.....
35. Define forest conservation.
.....
36. Mention one major export of South Sudan
.....
37. Which instrument is used to measure humidity?
.....
38. What is apiary industry (appi culture)?
.....
39. Give one importance of mountains.
.....
40. Define cattle raiding / rustling?
.....

SECTION B

41. (a) In which state is rice grown in South Sudan?
.....
- (b) State briefly any necessary conditions for the growth of rice.
i.

- ii.
- iii.

42. (a) Give one reason why people should practice irrigation in South Sudan.

(b) Which country produces and exports long staple cotton?

(c) Write one of the dams and aqueducts in Central Valley Projects.

(d) Name one aqueduct you know.

43. (a) Define citizenship.

(b) Mention three qualities of a good citizen in South Sudan.

- i.
- ii.
- iii.

44. (a) In which year was the SPLA/M formed?

(b) Mention three reasons for the liberation struggle in Sudan.

- i.
- ii.
- iii.

45. Study the map below carefully and then answer the following questions.



(a) Name the region marked R and S

R S

(b) Name two economic activities taking place in the region marked R

- I.
- II.

46. What are the functions / responsibilities of the following?

- (i) Chief
.....
- (ii) Payam administrator
.....
- (iii) Police
.....
- (iv) Prison
.....

47. Write the following abbreviations in full.

- (i) W.T.O
.....
- (ii) WHO
.....
- (iii) E.E.C
.....
- (iv) IMF
.....

48. Give any four reasons why the LUO left their cradle land in South Sudan and other parts of the world.

- (i)
- (ii)
- (iii)
- (iv)

49. (a) What is marriage?

-
- (b) Mention any two types of marriage.

- i.
- ii.

(c) State any one purpose of marriage.

.....

50. (a) Who are missionaries?

.....

(b) Give any three reasons why missionaries came to South Sudan

- i.
- ii.
- iii.

BASIC SCIENCE AND HEALTH EDUCATION SECTION

SCIENCE – PAPER ONE (C.P.E 2017)

Question One:

Define the following terms:

- 1- Pollination.
-

- 2- Conductors.
- 3- Drug abuse.
- 4- Meteorology.
- 5- Chlorophyll.
- 6- Mixtures.
- 7- Transpiration.
- 8- Constellation.
- 9- Environment.
- 10-Echo.

Question Two: (10 marks)

Put a circle round the correct letter of the answer from the alternatives: a, b, c, d

- 1- Another name used when the placenta comes through the birth canal is.....
 - a- Brooding
 - b- Ovary
 - c- After birth
 - d- Menstruation
- 2- The organ of balance is found in the
 - a- Inner ear
 - b- Middle ear
 - c- Outer ear
 - d- Both outer and inner
- 3- When an acid is mixed with a base, it forms.....
 - a- Water and acid
 - b- Salt and base
 - c- Acid and salt
 - d- Salt and water
- 4- Which one of the following elements is not studied by meteorologists?
 - a- Rainfall
 - b- Temperature
 - c- Reproductive system
- 5- A gas that forms the greatest percentage of air in the atmosphere is.....
 - a- Nitrogen
 - b- Oxygen
 - c- Carbon dioxide
 - d- Hydrogen
- 6- The function of a fuse in an electric circuit is.....

- a- Breaks when the current is overloaded
 - b- Conducts electricity when overloaded
 - c- Reduces current when overloaded
 - d- Allow flow of current when overloaded
- 7- Light enters a camera through the.....
- a- Torch
 - b- Box
 - c- Lens
 - d- Film
- 8- For the earth to revolve round the sun, takes.....
- a- One year
 - b- Two years
 - c- Three years
 - d- Four years
- 9- Medicines in form of tablets, syrups or injections which have been given at health centres are known as.....
- a- Curative
 - b- Diagnostic
 - c- Preventive
 - d- Medical
- 10- Male sperms are produced in the.....
- a- Penis
 - b- Testes
 - c- Scrotum
 - d- Ovary

Question Two: (10 marks)

Match the words in column "A" with the words from column "B" in the answer column.

	Column "A"	Answer Column	Column "B"
1	Domestic animals		Parasites
2	Increase or decrease in motion		Grape fruits
3	Group of stars which are seen in a specific area of the sky at night		Energy
4	Animals that attach themselves to the body of the host		Sulphuric acid
5	One of the organic acids		Constellation
6	Electricity		Railway gaps
7	The organ of balance		Gear
8	Strongest acid used in cars		Goat, cattle, sheep
9	Allow expansion and contraction of acids		Solar panels
10	Used for producing electricity		Middle ear

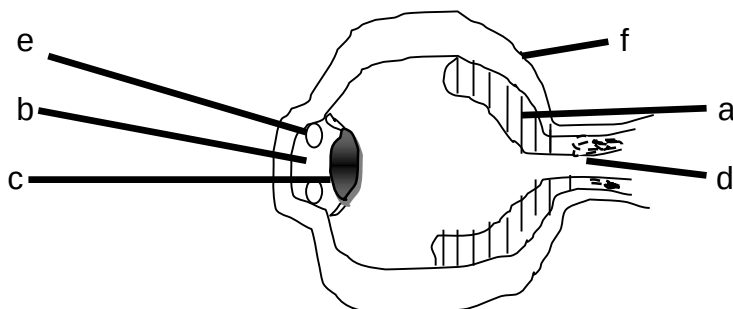
Question Three: (20 marks)

Answer the following questions:

- 1- Human being has four types of teeth. Mention them.
 - i-
 - ii-
 - iii-
 - iv-
- 2- Outline two characteristics of identical twins.
 - i-
 - ii-
- 3- Name three examples of aquatic animals.
 - i-
 - ii-
 - iii-
- 4- Mention two ways of HIV/AIDS transmission.
 - i-
 - ii-
- 5- Name any two planets that you know.
 - i-
 - ii-
- 6- Give any two ways in which sound can be stored.
 - i-
 - ii-
- 7- Name only three examples of reptiles.
 - i-
 - ii-
 - iii-
- 8- Give any two ways of disposing rubbish.
 - i-
 - ii-

Question Four: (10 marks)

(a) In the diagram below, name the parts labelled with letters: a, b, c, d, e and f



(b) Give the functions of the parts marked:

- a-
-
- b-
-

SECTION A: PART I (30 MARKS)

- SECTION A: PART II (10 MARKS)**

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19. State any one effect of drug abuse.

.....

20. To which group of flowering plants does maize belong?

.....

21. How is the sun useful in the environment?

.....

22. Why is breathing through the nose very important?

.....

23. Give any one reason why people should clean their clothes.

.....

24. What is the condition in which a person becomes unconscious?

.....

25. What physical changes take place in an adolescent girl?

.....

SECTION B (60 MARKS)

26. (a) What are flowering plants?

.....

(b) Give any three economic values of plants to people.

(i).....

(ii).....

(iii).....

27. (a) What are mammals?

.....

(b) Name any three examples of mammals you know.

(i).....

(ii).....

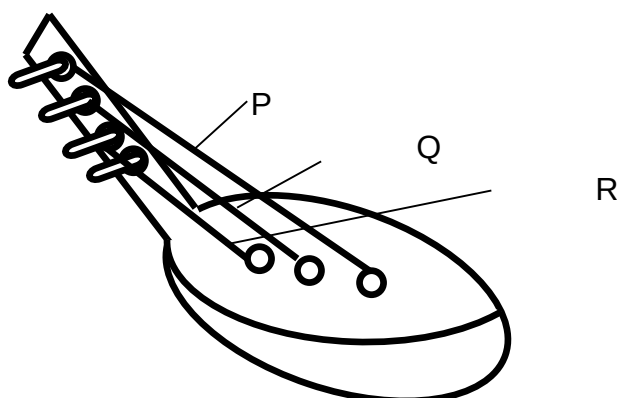
(iii).....

28. (a) What is the difference between pitch and volume in sound?

.....

.....

(b) The diagram below is of a musical instrument.



(i) Which of the strings will produce sound of the highest pitch when plucked?

.....

(ii) Give a reason for your answer in b(i) above.

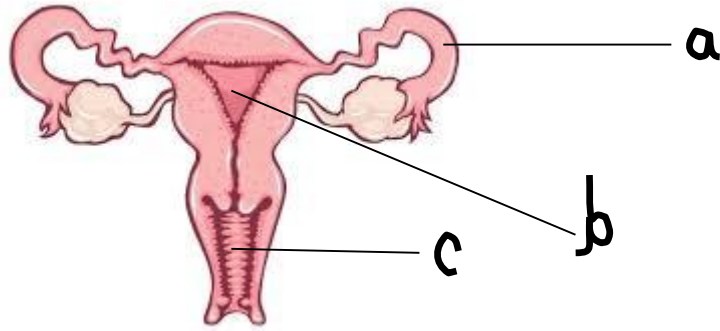
.....

29. (a) What is blood circulation?
-
- (b) What is the use of valves in blood circulation?
-
- (c) Give any two functions of the heart in the body.
- i.
- ii.
30. (a) What is alcoholism?
-
- (b) Name any three factors that lead to alcoholism
- (i)
- (ii)
- (iii)
31. (a) What is transpiration?
-
- (b) State any three things that happen to the air when it reaches the nose.
- (i)
- (ii)
- (iii)
32. (a) What are invertebrates?
-
- (b) In the space provided below, draw a life cycle of a complete metamorphosis.

33. (a) What is seed dispersal?
-
- (b) Give three (03) agents of seed dispersal.
- i.
- ii.
- iii.

34. (a) What are resources?
-
- (b) State any three (03) uses of water in communities.
- i.
- ii.
- iii.

35. The diagram below is of the female reproductive organ. Study it and answer the questions that follow.



(a) Name the parts labelled b and c

b c

(b) Give the function of the part labelled a

.....

(c) State one disease that attack the reproductive organ.

.....

36. (a) Define sanitation.

(b) Mention any three reasons why it is important for each family to have a latrine.

i.

ii.

iii.

37. (a) What is the use of the hair found in the nose of human beings?

.....

b) Name any one disease that attacks the respiratory system.

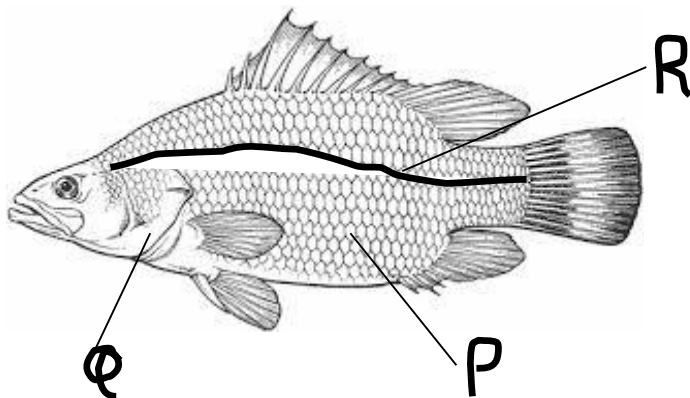
.....

(c) What happens to the diaphragms when we;

i. Breath in?

ii. Breath out?

38. The diagram below is of a fish. Use it to answer the questions that follow.



(a) Name the part labelled R

.....

(b) Give the functions of the parts labelled P and Q

P.....Q.....

...

(c) What structure is covered by the part labelled Q?

.....

39. A child suddenly removed the cover of a saucepan full of boiling water. One arm of the child was thereby burnt by the steam.

(a) What kind of burn did the child get?

.....

(b) What first aid would you give to the child?

.....

(c) Give two possible ways by which such accidents could be avoided.

i.

ii.

40. The table below shows different groups of vertebrates. Use it to answer the questions that follow.

A	B	C
Birds	Mammals	Amphibians

(a) To what group of vertebrates does each of the following belong?

(i) Bat.

(ii) Frog.

(b) Give any one way in which the reproduction of animals in group B is different from that of animals in group C.

.....

.....

.....

(c) Give any one other group of vertebrates which is missing from the table.

.....

41. (a) Define electricity.

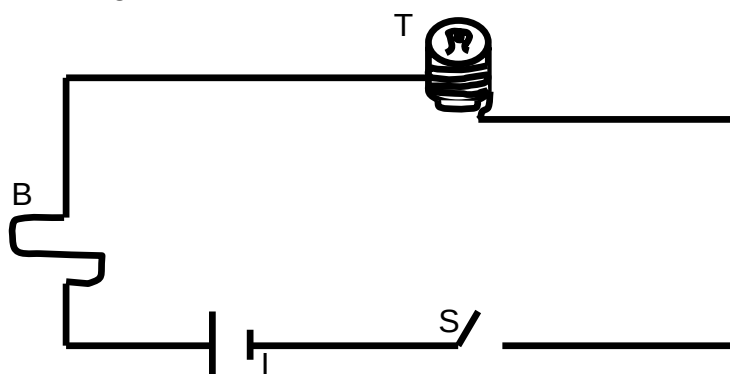
.....

(b) Give any two types of electricity and define them.

(i).....

(ii).....

(c) The diagram below shows a fuse connected in a circuit.



i. Name the parts labelled S and T

S

T

Question One: (20 Marks)

Define the following terms:

1. Food chain.
2. Environment.
3. Menstruation.
4. Weather.
5. Photosynthesis.
6. Insulators.
7. Pollination.
8. Cornea.
9. Fertilization.
10. Constellation.

Question Two: (10 Marks)

Write the word "TRUE" against the correct statements and the word "FALSE" against the wrong statements in the given brackets:

1. The volume of air increases when heated. ()
2. Copper wires are good conductors of electricity. ()
3. Cocaine is a chemical drug used for treatment purpose. ()
4. Farmers spray chemicals to kill and protect crops against pests. ()
5. In Science, weight is defined as the amount of substance in an object. ()
6. An electric circuit is a complete path through which electricity can flow. ()
7. The air we breathe out contains water vapour. ()
8. A wind vane is an instrument used to measure the direction from which the wind is blowing. ()
9. The amount of water vapour is called humidity. ()
10. Germination is the transfer of seeds from the nursery to the garden. ()

Question Three: (10 Marks)

Fill in the blank spaces with the suitable words or group of words:

1. In a battery.....energy is converted into.....and.....
2. A gas that forms the greatest percentage of air in the atmosphere is.....
3. Male sperms are produced in the.....
4. The main way of controlling the spread of malaria is by

5. All the materials that do not allow electricity to pass through them are called
6. Animals which attach themselves to the body of a host are called
7. The special paper used to test for the presence of Alkalis is called
8.and.....are examples of animals responsible for cross pollination.

SECTION B 30 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 not necessary for photosynthesis process?

a. Carbon dioxide	b. Water	c. Sunlight	d. Oxygen
-------------------	----------	-------------	-----------
2. In which set of conditions given below will a seed germinate?

a. Light, heat, moisture	b. Oxygen, warmth, moisture
c. Soil, heat, light	d. Water, Carbon dioxide, light
3. Which one of the following groups consists of only diseases that are immunisable?

a. Polio, measles, tetanus	b. Measles, malaria, diphtheria
c. Dysentery, HIV, poliomyelitis	d. Bilharzia, measles, cholera
4. Which one of the following excretory organs doesn't remove waste?

a. Lungs	b. Rectum	c. Kidney	d. Skin
----------	-----------	-----------	---------
5. Which is the main function of the liquid part of blood?

a. Transport food nutrients	b. Stops bleeding
c. Acts as soldiers	d. Transports oxygen
6. In the solar system, which planet is the brightest and the hottest?

a. Mercury	b. Mars	c. Venus	d. Jupiter
------------	---------	----------	------------
7. For the earth to move around the sun, it takes

a. One year	b. Two years	c. Half year	d. Four years
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8. Which one of the following is a way of extracting salt from Sea water?

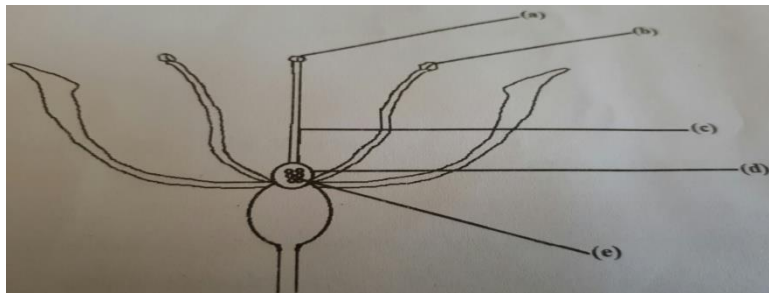
a. Transpiration	b. Weathering	c. Recreation	d. Evaporation
------------------	---------------	---------------	----------------
9. Which one of the following materials is not magnetic?

a. Copper	b. Iron
c. Steel	d. Nickel
10. Which one of the following weather instruments has its scale written in millimetres?

a. Rain gauge b. Wind vane c. Wind sock d. Liquid thermometer

Question Two: (20 Marks)

In the diagram



below:

(a) Name the parts labelled with letters a, b, c, d, and e (10 Marks)

a..... b..... c.....

d..... e.....

(b) Give the function of the parts marked (a) and (e)(4 Marks)

(a)

(e)

(c) Name the three states in which matter exists. (06 Marks)

(i) (ii) (iii)

SECTION C 30 MARKS

Question One: (10 Marks)

Answer the following questions in the space provided:

a. Mention three ways of HIV/AIDS transmission.

(i)

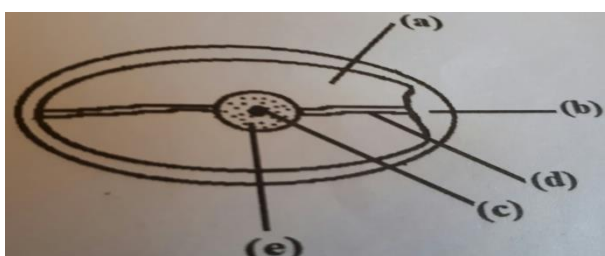
(ii)

(iii)

b. Mention two ways of making a magnet

(i) (ii)

c. The diagram below shows the structure of an egg. Use it to answer the questions that follow:



Name the parts labelled with letters (a), (b), (c), (d), (e)

(a)..... (b) (c)

(d) (e)

Question Two: (10 Marks)

Write the correct answers of Column "A" in the Answer Column to match their answers in Column "B"

S/No.	Column A	Answer Column	Column B
1-	Part of the eye		284 days
2-	Humidity		Organs of balance in the ear
3-	Herbivores		Retina
4-	Human being		Pupil
5-	Allows light to enter the eye through the lens		Animals that feed on plants
6-	Inner ear		Carbon monoxide
7-	Planets		267 days
8-	Burning tobacco		Bacteria
9-	Tuberculosis		Mars
10-	Cows		Weather

Question Three: (10 Marks)

Answer the following questions:

1. Name any three planets that you know.

(i) (ii) (iii)

2. Name two characteristics of identical twins.

(i) (ii)

3. Mention two ways of demagnetizing a magnet.

(i) (ii)

4. Write down three causes of water pollution.

(i)

(ii)

(iii)