

Read the passage below. It contains blank spaces numbered 1 to 15. For each blank space, choose the BEST alternative from the choices given

Mutiso is _____ 1 _____ sixteen years old. His father died when he was four years old. He has two _____ 2 _____ brothers. Both are _____ 3 _____ clever at school. He _____ 4 _____ has two younger sisters. Both are also clever. _____ 5 _____ Mutiso is a naughty boy. He often _____ 6 _____ against his _____ 7 _____ discipline and he _____ 8 _____ his teachers at school. He is the most troublesome of all the children in the family. Mutiso is unable to _____ 9 _____ with his studies hence the headteacher has told him to repeat. His teacher has _____ 10 _____ similar comments in his file. He will not work _____ 11 _____ co-operate with the teachers _____ 12 _____ he is ruled by a strong hand. His mother has now sought _____ 13 _____ but _____ 14 _____ has yet turned up to assist her. Mutiso himself _____ 15 _____ changed to save his mother all this trouble.

- | A | B | C | D |
|--------------|----------|----------|--------------|
| 1. hear | at | about | approximate |
| 2. older | eldest | elder | old |
| 3. so | very | much | more |
| 4. too | also | to | then |
| 5. However | Although | Moreover | Nevertheless |
| 6. rebelling | rebel | rebelled | rebels |
| 7. mothers' | mothers | mother's | mother |
| 8. ignoring | ignore | ignored | ignores |
| 9. cope | get | agree | go |
| 10. writing | written | write | written |
| 11. nor | or | either | neither |
| 12. until | even | till | unless |
| 13. advice | advise | advices | advises |
| 14. anybody | somebody | someone | nobody |
| 15. would | should | will | could |

Select a word that means the same as the underlined

16. The prefect's meeting has been called off.

- A. postponed
- B. cancelled
- C. Rejected
- D. pushed ahead

17. Reading questions carefully is necessary in any examination

- A. recklessly
- B. carelessly
- C. cautiously
- D. keenly

18. It is always good to prevent a disease

- A. stop
- B. cure
- C. treat
- D. clear

Re-arrange the sentences below to form a sensible paragraph

19. (i) I found a long queue of people
(ii) One day I felt sick
(iii) The doctor attended to us all
(iv) I walked to the nearby hospital

- A. (ii), (iv), (i), (iii)
- B. (ii), (iii), (iv), (i)
- C. (ii), (iv), (iii), (i)
- D. (ii), (iii), (i), (ii)

20. (i) Each child will take care of one tree
(ii) The holes for planting the seedlings have been dug.

(iii) A tree nursery has been established

(iv) When rain falls we shall plant them

- A. (iii), (ii), (i), (iv)
- B. (iii), (ii), (iv), (i)
- C. (iii), (iv), (i), (ii)
- D. (iii), (i), (iv), (ii)

Which sentence is grammatically correct?

21. A. Please return back my book.
B. They are discussing about the trip.
C. We shall be late.
D. I cannot be able to swim.

22. A. I went to Voi with a bus
B. Who makes less noise, Tom or John?
C. He is the tallest of the twins
D. I am a good listener, amn't I?

Use the correct preposition to fill the gap

23. What do you prefer, Mathematics ___ English?
A. to
B. than
C. or
D. against

24. Pupils must abide ___ the school rules and regulations

- A. by
- B. with
- C. to
- D. on

Which sentence is correctly punctuated?

25. A. All ladies shoes are expensive
B. Men's hats are big
C. The boss'es chairs are in the hall
D. Ladies' purses are usually expensive

Read the passage below and answer questions that follows:

Lekoli now in his early twenties remembers his early childhood as the most adventurous time of his life. At the age of six years he was allowed to graze the cattle at a distance from their homestead. As a young Moran, he never went to school and his entire life evolved around his family livestock. "Once I met with an angry Lion. I was very scared. I ran to the village and called the other Morans," he recalls. The Lion was killed but not before it had killed several cows and maimed a moran. Lekoli says because of harsh weather conditions, his people go for long periods without water and food. During his boyhood, he watched both livestock and his mates die from starvation, lack of water and sickness particularly from Malaria. By 1990 when he turned 14 years, a fraction of his mates were still a live.

Lekoli recalls clearly the day he got circumcised. All 14 - 15 years old boys wore black skins. We were not allowed to do any work. We stayed at home singing proud praise sings. The professional circumciser was called. He was elderly, well experienced and respected. After the circumcision ceremony Lekoli and the others rested in the Manyatta for one and half months to regain strength, drinking milk and tea and eating goat meat. After the rest period the Morans took new duties which included herding cattle, digging wells, guarding homesteads and livestock. Lekoli recalls that he chose his wife-to-be immediately. He placed a red beaded necklace on her neck. But according to the customs of his people, he had to wait for ten years before marrying her. Lekoli looks forward for the day he will marry Lesanju. As a newly married wife, she will have to build a new Manyatta for herself, her husband and her family. She will take up a married woman's duties which include milking,

preparing food, fetching water and firewood, taking care of children and feeding the calves and kids. Lekoli himself will be out herding the cattle and carrying out the responsibilities of a family head.

26. From the passage we can tell Lekolis people were _____.
- A. farmers
 - B. hunters
 - C. cowboys
 - D. pastoralists
27. The Lion maimed a Moran..... means the Lion _____ him
- A. killed
 - B. chased
 - C. ate
 - D. injured
28. From the passage Lekoli was born in _____.
- A. 1990
 - B. 1986
 - C. 1970
 - D. 1976
29. It is true that married wives _____.
- A. built their parents houses
 - B. wore red beaded necklaces
 - C. got married to Morans soon after circumcision
 - D. built house for their new families
30. The word adventurous can also mean _____.
- A. easy
 - B. enjoyable
 - C. worst
 - D. difficult
31. What showed that one was a wife-to-be?
- A. Red beads on the neck
 - B. single beaded necklace
 - C. many coloured necklace
 - D. red beaded necklace
32. Which one was the duty of a circumcised Moran?
- A. milking cattle
 - B. looking after calves and kids
 - C. protecting people and livestock
 - D. building Manyattas
33. It is true that boys got circumcised when they were _____.
- A. over 15 years
 - B. below 14 years
 - C. about 15 years
 - D. 14 years
34. What happened to the boys during the resting period after the circumcision period?
- A. given new duties
 - B. shown their wives-to-be
 - C. strengthened to fight
 - D. fed on good food

35. We can conclude that Morans _____
- A. Married much later after circumcision
 - B. married immediately after circumcision
 - C. were trained how to herd during resting period
 - D. wore black sheep skins during resting period

36. For how long did the Morans rest?
- A. one and half weeks
 - B. for about a month
 - C. for six weeks
 - D. for one and half years

37. It is TRUE that
- A. Morans took new duties after circumcision
 - B. Lesanju accepted to marry Lekoli
 - C. Lekoli chose his wife-to-be immediately he was circumcised
 - D. Lekoli killed an angry Lion

38. The passage is about _____
- A. Lekoli's adulthood
 - B. Lekoli and Lesanju
 - C. Childhood memories of Lekoli
 - D. being a Moran

Read the passage below and answer questions

The most important coffee countries in Africa are Ivory Coast, Uganda, Ethiopia, the Cameroon, Kenya and Angola respectively. The two most common types of coffee are Robusta and Arabia. Robusta is the most widely grown in Africa and is always found at altitudes between 1400 and 1200 metres.

It does not need the heavy rainfall and likes slightly cooler temperatures of these altitudes. Above 2000 metres there is danger of frost on the equator, so little coffee is grown above that height. Most of Africa's Arabica is grown on mountain slopes. The best areas having rich volcanic soil. Excellent examples are Mount Kenya, Mount Elgon and Aberdare in Kenya.

All Africa's coffee lands have rain every month. The amount varies but is usually between 1000 millimetres - 1750 millimetres for the whole year. None of Africa's coffee lands ever get really cold. They are usually quite warm.

In the Robusta lands, it is always hot over 22°C. After flowering average temperatures must be above 19°C for both Robusta and Arabica.

Coffee is easy to grow and anyone can learn to do it. Moderate delays between picking and processing do not harm it. This makes it an ideal crop for a small farmer and in East Africa it is much a small farm crop as well as a plantation crop.

39. It is true that Kenya is ____
- A. The biggest coffee producing country in Africa
 - B. the smallest coffee producing country in Africa
 - C. one of the biggest coffee producing countries in Africa
 - D. one of the smallest coffee producing countries in Africa
40. One difference between Robusta and Arabica Coffee is that
- A. Robusta grows on lower grounds than Arabica
 - B. Robusta grows in lower temperatures than Arabica
 - C. Arabica grows in more places than Robusta
 - D. Arabica grows on lower grounds than Robusta
41. Why is coffee not usually grown in Africa at altitudes more than 2000 metres? Because there is ____
- A. no volcanic soils on such land
 - B. danger of frost at this height on the equator
 - C. nearness to the equator
 - D. too much rainfall on such land
42. Most Arabica coffee is grown
- A. in hot, damp fertile lands
 - B. in cool, wet, fertile lands
 - C. in mountain slopes on the equator
 - D. on mountain slopes with rich volcanic soils
43. The word excellent means
- A. fair
 - B. poor
 - C. very good
 - D. good
44. A plantation is a place where
- A. plants are grown from seeds and then sold to farmers
 - B. plants are grown on large scale
 - C. coffee is planted in a different way
 - D. small farmers take their crops to sell
45. Of the countries listed as major coffee producers the least producer is ____
- A. Ivory Coast
 - B. Angola
 - C. Kenya
 - D. Uganda
46. Why can anyone grow coffee?
- A. it does not require harsh temperatures
 - B. it can survive on mountain slopes
 - C. it is a plantation crop as well as a food crop
 - D. it is easy to grow

47. Which of these is not a coffee growing area?
- A. Limuru
 - B. Naivasha
 - C. Kitale
 - D. Nyeri
48. What makes coffee ideal crop for a small farmer?
- A. everybody earns money from it
 - B. it does not need to be processed immediately
 - C. government encourages its growth
 - D. it is easy to make coffee at home
49. Land where coffee is grown in Africa must have
- A. equal amounts of rain each month
 - B. between 1000 millimetres and 1750 millimetres monthly
 - C. some rain monthly
 - D. very heavy rainfall monthly
50. After the Robusta plant has flowered it requires
- A. temperatures always above 22°C
 - B. temperatures always above 19°C
 - C. an average temperatures of 19°C
 - D. an average temperature above 19°C

GATUNDU SUB – COUNTY EXAMINATION
STANDARD SEVEN – TERM III 2015

MATHEMATICS

Time: 2 hours

READ THESE INSTRUCTIONS CAREFULLY

1. You have been given the question booklet and a separate answer sheet. The question booklet contains 50 questions.
2. Do any necessary rough work in this booklet.
3. When you have chosen your answer, mark it on the **ANSWER SHEET**, not in the question booklet.

HOW TO USE THE ANSWER SHEET

4. Use an ordinary pencil only.
5. Make sure that you have written on the answer sheet

YOUR INDEX NUMBER

YOUR NAME

NAME OF YOUR SCHOOL

6. By drawing a **dark line** inside the correct numbered **boxes** mark your full Index Number (i.e. School Code Number and the three-figure Candidate's Number) in the grid near the top of the answer sheet.
7. Do not make any marks outside the boxes.
8. Keep your answer sheet as clean as possible and do **not** fold it.
9. For each of the Question 1 – 50 four answers are **given**. The answers are lettered A, B, C and D. In each case only **ONE** of the four answers is correct. **Choose** the correct answer.
10. On the answer sheet the correct answer is to be **shown** by drawing a **dark line** inside the box in which the letter you have chosen is written.

EXAMPLE

In the question Booklet

24. How many groups of hundreds are in the value of digit 3 in the number 938461?
- A.30,000 B.3,000
C.300 D.30

The correct answer is C (300)

On the answer sheet:

4 [A] [B] [C] [D] 14 [A] [B] [C] [D] 24 [A] [B] [C] [D] 34 [A] [B] [C] [D] 44 [A] [B] [C] [D]

In the set of boxes numbered 24, the box with the **letter** C printed in it is marked.

11. Your **dark line** **MUST** be within the box.
12. For each question **ONLY ONE** box is to be marked in **each** set of four boxes.

PRINTED BY HIGHFLYER SERIES Tel: 0723 499860

Funded By: C.D.F. Gatundu South Constituency,
Patron Hon. Moses Kuria, Mp Gatundu South.

TURN OVER

1. Which one of the following is eight million four thousand and fifteen in figures?

- A. 80004015
- B. 8004015
- C. 80040015
- D. 8040015

2. What is the place value of digit 4 in the number 146872?

- A. millions
- B. hundred thousands
- C. ten thousands
- D. thousands

3. What is the value of $\frac{8.4 \times 0.036}{2.1 \times 2.4}$?

- A. 6
- B. 0.6
- C. 0.06
- D. 0.06

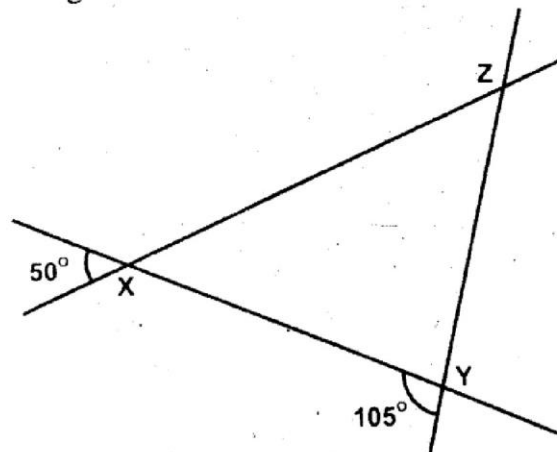
4. What is the value of $9 - 3\frac{5}{6} - 2\frac{7}{8}$?

- A. $2\frac{7}{24}$
- B. $4\frac{1}{24}$
- C. $3\frac{17}{24}$
- D. $2\frac{1}{24}$

5. What is the value of $\frac{12+4^2+2^2-16+4 \times 2}{4+2}$?

- A. 24
- B. $3\frac{1}{3}$
- C. $1\frac{7}{8}$
- D. 4

6. What is the size of angle YZX in the figure below?



- A. 65°
- B. 155°
- C. 55°
- D. 125°

7. In a certain country, the population was 786455. What was the population to the nearest ten thousand?

- A. 786000
- B. 800000
- C. 790000
- D. 780000

8. What is the value of x in the equation: $x + 4(x + 2) = 13$

- A. 1
- B. 5
- C. $5\frac{1}{4}$
- D. $2\frac{1}{5}$

9. Work out: 4.875×1.6

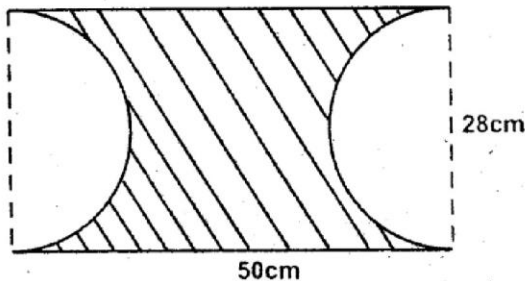
- A. 78
- B. 7.8
- C. 0.0078
- D. 0.0780

10. The following are properties of a certain quadrilateral.
- (i) Opposite sides are parallel
 - (ii) All sides are equal
 - (iii) Opposite angles are equal
 - (iv) Diagonals are unequal and bisect each other at right angles.

What is the name of the quadrilateral?

- A. Square
 - B. Rhombus
 - C. Rectangle
 - D. Trapezium
11. The perimeter of a rectangular plot of land is 1600m. If the width is 360m, what is its length?
- A. 1240m
 - B. 620m
 - C. 880m
 - D. 440m

12. What is the area of the shaded part in the figure below? (Take $\pi = \frac{22}{7}$)



- A. 784cm^2
 - B. 1092cm^2
 - C. 616cm^2
 - D. 1400cm^2
13. The fractions: $\frac{2}{5}$, $\frac{3}{8}$, $\frac{1}{4}$ and $\frac{5}{12}$ are to be arranged in order from the smallest to the largest. Which one of the following is the correct order?
- A. $\frac{1}{4}$, $\frac{3}{8}$, $\frac{2}{5}$, $\frac{5}{12}$
 - B. $\frac{5}{12}$, $\frac{2}{5}$, $\frac{3}{8}$, $\frac{1}{4}$
 - C. $\frac{1}{4}$, $\frac{2}{5}$, $\frac{3}{8}$, $\frac{5}{12}$
 - D. $\frac{5}{12}$, $\frac{3}{8}$, $\frac{2}{5}$, $\frac{1}{4}$

14. What is the sum of the first forty three odd numbers?
- A. 1749
 - B. 1839
 - C. 2209
 - D. 1849

15. The price of sugar increased from sh.100 to sh.125 per kg. What was the percentage increase?
- A. 125%
 - B. 10%
 - C. 25%
 - D. 20%

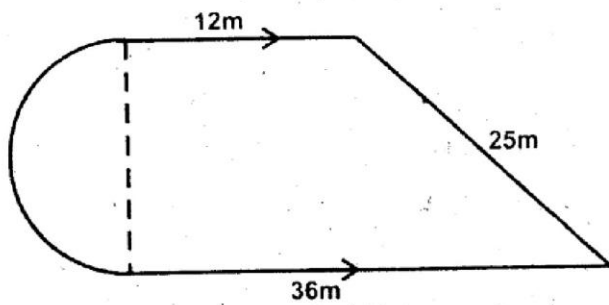
16. What is the value of:

$$\frac{3}{4} \left(\frac{1}{2} + \frac{2}{5} \div \frac{1}{3} \right) - \frac{1}{5} \times \frac{3}{8}$$

- A. $\frac{37}{40}$
 - B. $1\frac{1}{5}$
 - C. $1\frac{19}{20}$
 - D. $\frac{2}{5}$
17. What is the square root of $5\frac{1}{16}$?
- A. $2\frac{3}{4}$
 - B. $5\frac{1}{4}$
 - C. $2\frac{1}{4}$
 - D. $\frac{9}{16}$

18. Which statement below is true about a cube?
- A. It has 6 faces and 8 edges
 - B. It has 8 vertices and 12 edges.
 - C. It has 12 vertices and 6 faces
 - D. It has 12 edges and 6 vertices.

19. What is the perimeter of the figure below? (take $\pi = \frac{22}{7}$)



- A. 91m B. 95m
C. 70m D. 84m
20. What is 399456 divided by 57?
A. 7008 B. 708
C. 78 D. 7800
21. What is the value of $\frac{3m+t}{w}$, if $m = 4$, $t = m + 2$ and $w = \frac{t}{2}$?
A. 6 B. 10
C. 14 D. 9
22. A rectangular tank is 4.5m long 3m wide and 2m high. How many litres of water can it hold when full?
A. 27 B. 270
C. 2700 D. 27000
23. Nadimo spent $\frac{1}{3}$ of her pocket money on pencils, $\frac{1}{4}$ on pens, $\frac{2}{3}$ of the remainder on story books and saved the rest. What total fraction of his money did she save?
A. $\frac{5}{12}$ B. $\frac{5}{18}$
C. $\frac{5}{36}$ D. $\frac{4}{5}$

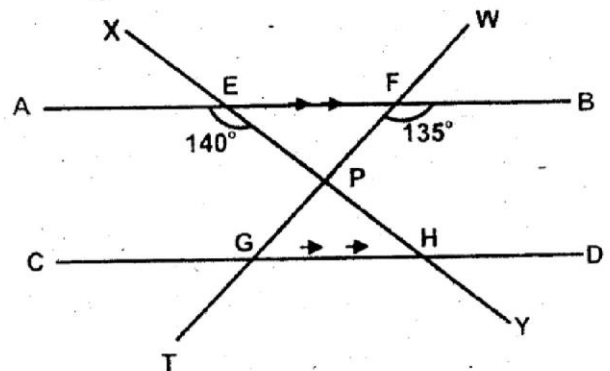
24. A distance of 500m is represented on a scale drawing by a line measuring 2.5cm. What is the scale used?

- A. 1 : 20
B. 1 : 200
C. 1 : 2000
D. 1 : 20000

25. Which one of the following sets of measurements can be used to construct a right - angled triangle?

- A. 7cm, 24cm, 2.5cm
B. $2\frac{1}{2}$ cm, 6cm, 6.5cm
C. 9cm, 16cm, 25cm
D. 8cm, 13cm, 17cm.

26. In the figure below, line AB is parallel to line CD. Lines XY and WT intersect at P. angle AEP = 140° and angle BFP = 135° .



What is the size of angle EPT?

- A. 85° B. 40°
C. 45° D. 75°
27. Maimuna paid sh.3000 for a pair of shoes after getting a 20% discount. What was the marked price of the shoe?
A. sh.3600 B. sh.2400
C. sh.2,500 D. sh.3750

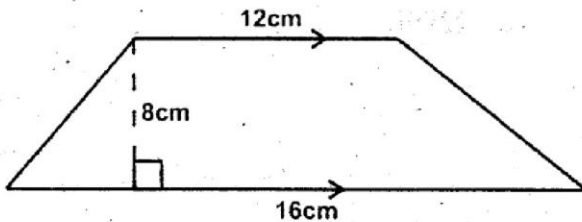
28. An open cylinder has a radius of 7cm and height of 15cm. What is its surface area? (take $\pi \frac{22}{7}$)

- A. 484cm^2 B. 968cm^2
 C. 814cm^2 D. 638cm^2

29. What is the next number in the pattern 5, 8, 14, 23, _____?

- A. 32 B. 35
 C. 38 D. 33

30. What is the area of the trapezium below?



- A. 128cm^2
 B. 96cm^2
 C. 224cm^2
 D. 112cm^2

31. Mwambu borrowed sh.40,000 from a bank that charged simple interest of the rate of 12% p.a. How much should he pay the bank at the end of 2 years?

- A. sh.49,600
 B. sh.44800
 C. sh.9,600
 D. sh.50,176

32. The mean of 7 numbers is 20. Six of the number are: 40, 35, 10, 5, 15, 10. What is the median of the seven numbers?

- A. 25 B. 12.5
 C. 15 D. 10

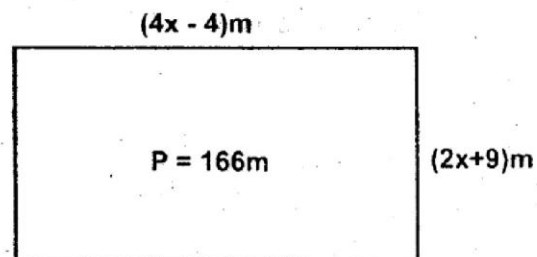
33. Construct a triangle KLM in which $KI = 7\text{cm}$, $KM = 6\text{cm}$ and angle $MKL = 60^\circ$. Draw a circle touching the three vertices. What is the radius of the circle?

- A. 5.2cm
 B. 4.4cm
 C. 3.8cm
 D. 2.6cm

34. A shopkeeper spent sh.800 to buy 20 candles and then sold them making a profit of 15%. For how much did the shopkeeper sell each candle?

- A. sh.920
 B. sh.680
 C. sh.40
 D. sh.46

35. What is the area of the figure below if its perimeter is 166m?

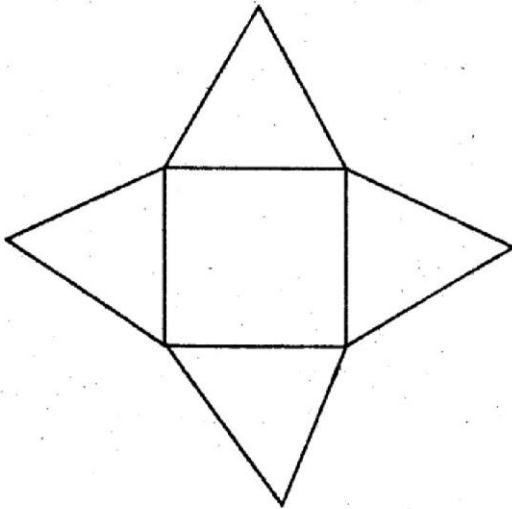


- A. 1680m^2
 B. 13m^2
 C. 2158m^2
 D. 1470m^2

36. A road leading to Kimilili Primary School is 400m long. There are tree 5m apart on both sides of the road. How many trees are there altogether?

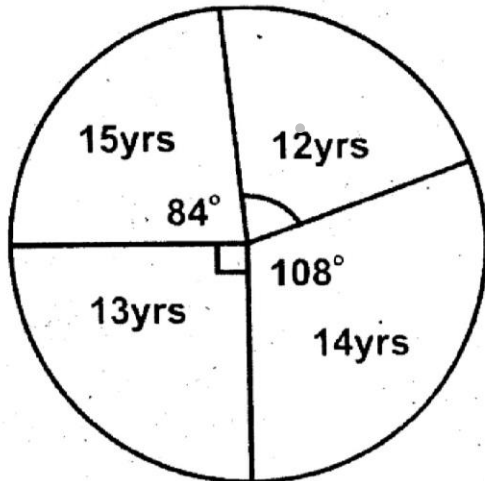
- A. 80 B. 81
 C. 160 D. 162

37. The diagram below represents a net of a solid.



If the net is folded, what solid will be formed?

- A. Triangular based pyramid
 B. Square based pyramid
 C. Square based prism
 D. Triangular prism
38. The pie chart below represents the ages of a group of 60 pupils in class 7 in Bidii ya Mchwa Academy.



How many pupils are 12 years old?

- A. 12
 B. 13
 C. 78
 D. 14

39. The ratio of men to women in a meeting was 5 : 8. If there 24 more women than men, how many people were in the meeting altogether?

- A. 64
 B. 39
 C. 104
 D. 312

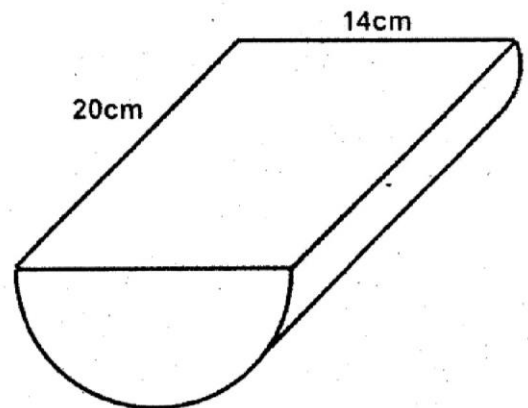
40. When a tank is $\frac{3}{4}$ full it can hold 900 litres. How many litres does it hold when a third full?

- A. 400L
 B. 225L
 C. 1200L
 D. 300L

41. Franco left Nakuru at 8.40p.m. He reached Mombasa 9 $\frac{1}{2}$ hours later. At what time did he reach Mombasa?

- A. 6.10p.m
 B. 6.10a.m.
 C. 11.10a.m.
 D. 11.10p.m

42. What is the volume of the figure below? (Take $\pi = \frac{22}{7}$)

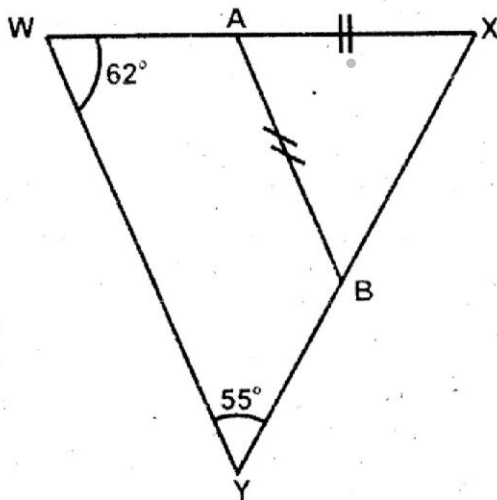


- A. 440cm³
 B. 880cm³
 C. 1540cm³
 D. 6160cm³

43. Vihenda bought the following items from a shop:
- 3kg of rice @sh.120
 - 1 $\frac{1}{2}$ kg of meat @ sh.200
 - 2kg of fat for sh.300
- What balance did he get if he paid for the items using a sh.1000 note?
- A. sh.960
 - B. sh.60
 - C. sh.380
 - D. sh.40

44. Three clocks were set to ring at intervals as follows;
- The first after every 6 minutes.
 - The second after every 15 minutes
 - The third after every 24 minutes
- If the clocks were set at the same time, after how many minutes did they ring together.
- A. 120
 - B. 2160
 - C. 45
 - D. 30

45. In the figure below lines AX and AB are equal. Angle XWY = 62° and angle WYX = 55°



What is the size of angle WAB?

- A. 63°
 - B. 126°
 - C. 117°
 - D. 54°
46. 12 men can do a piece of work in 5 hours. How much longer would 10 men take to complete the work?
- A. 6 hr
 - B. $4\frac{2}{3}$ hr
 - C. 2hr
 - D. 1 hr

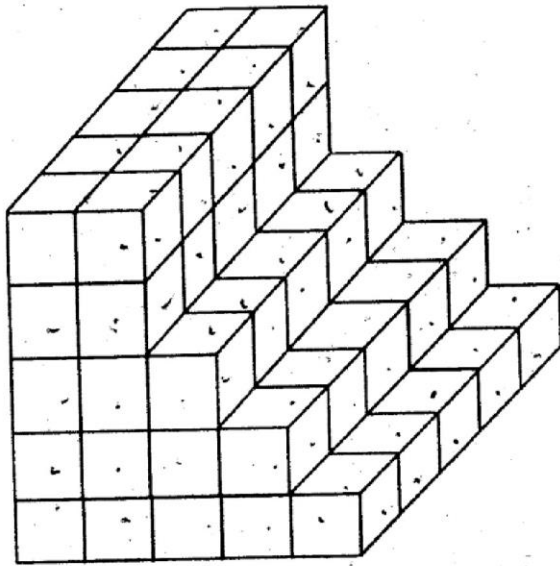
47. The table below shows the postal rates for sending a money order.

VALUE OF ORDER (IN SH)	COMMISSION
Not exceeding 500	Sh.42
501 – 1000	Sh.114
1001 – 3000	Sh.174
3001 – 5000	Sh.209
5001 – 10000	Sh.295
10001 – 20000	Sh.441
20001 - 30000	Sh.617

School fees for two children in the same school was sh.8500 and sh.10,500. The mother bought one money order to pay the total amount of fees. How much more would he have spent had she bought two separate money orders for the fees?

- A. sh.146
- B. sh.295
- C. sh.441
- D. sh.736

48. How many cubes were used to make the stack below?



- A. 85
B. 75
C. 80
D. 125

49. Kwamboka bought a fridge on hire purchase at sh.64000. She paid a deposit of sh.18000 and cleared the balance in 16 months. How much was each installment?

- A. sh.2875
B. sh.4000
C. sh.1125
D. sh.46000

50. The table below shows the distance in kilometers from Katana's home to school, health centre and market.

Home			
2	School		
5	4	Health Centre	
8	7	6	Market

Katana left home and went to the Health Centre. Later, he went to the market before going straight home. How many kilometers did Katana travel that day?

- A. 19km
B. 20km
C. 16km
D. 12km

GATUNDU SUB – COUNTY EXAMINATION

STANDARD SEVEN – TERM III 2015

SOCIAL STUDIES & CRE/IRE

Time: 2 hours 15 minutes

READ THESE INSTRUCTIONS CAREFULLY

1. You have been given the question booklet and a separate answer sheet. The question booklet contains 90 questions.
2. Do any necessary rough work in this booklet.
3. When you have chosen your answer, mark it on the **ANSWER SHEET**, not in the question booklet.

HOW TO USE THE ANSWER SHEET

4. Use an ordinary pencil only.
5. Make sure that you have written on the answer sheet

YOUR INDEX NUMBER

YOUR NAME

NAME OF YOUR SCHOOL

6. By drawing a **dark line** inside the correct numbered boxes mark your full Index Number (i.e. School Code Number and the three-figure Candidate's Number) in the grid near the top of the answer sheet.
7. Do not make any marks outside the boxes.
8. Keep your answer sheet as clean as possible and do not fold it.
9. For each of the Question 1 – 90 four answers are given. The answers are lettered A, B, C and D. In each case only **ONE** of the four answers is correct. Choose the correct answer.
10. On the answer sheet the correct answer is to be shown by drawing a **dark line** inside the box in which the letter you have chosen is written.

EXAMPLE

In the Question Booklet:

32. Which of the following is Africa's most westerly point?
- | | |
|-----------------|-------------------|
| A. Cape Verde | B. Cape Bon |
| C. Cape Agulhas | D. Cape Ras Hafun |

The correct answer is A

On the answer sheet:

31 [A] [B] [C] [D] 32 [A] [B] [C] [D] 33 [A] [B] [C] [D] 34 [A] [B] [C] [D] 35 [A] [B] [C] [D]

In the set of boxes numbered 32, the box with the letter **A** printed in it is marked.

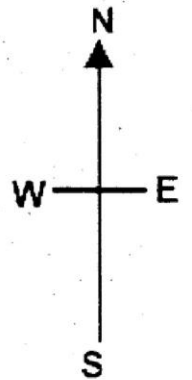
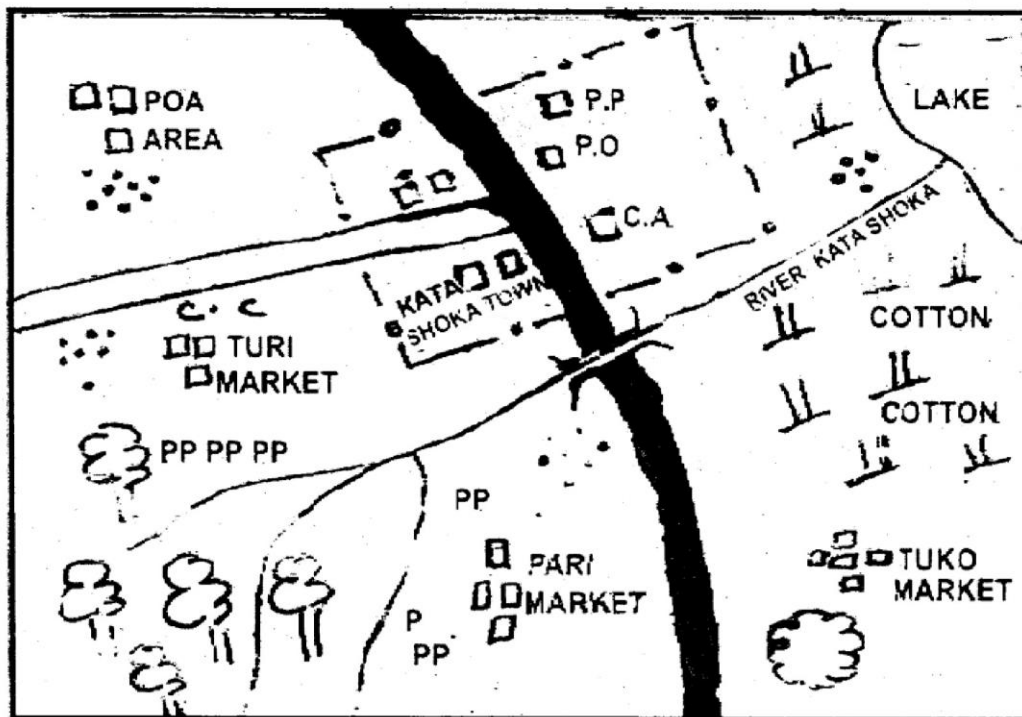
11. Your **dark line** **MUST** be within the box.
12. For each question **ONLY ONE** box is to be marked in **each** set of four boxes.

PRINTED BY HIGHFLYER SERIES Tel: 0723 499860

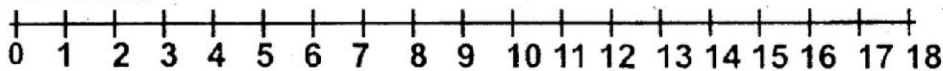
**Funded By: C.D.F. Gatundu South Constituency,
Patron Hon. Moses Kuria, Mp Gatundu South.**

TURN OVER







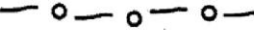


KATA SHOKA AREA



SCALE



KEY

- | | | | |
|---|-------------|---|---------------------|
|  | TARMAC ROAD |  | PERMANENT BUILDINGS |
|  | MURRAM ROAD | C.C | CHIEF'S CAMP |
| PPPPP | PYRETHRUM | P.O | POST OFFICE |
|  | SETTLEMENT | C.A | COUNTY ASSEMBLY |
|  | CHURCH | P.P | POLICE POST |
|  | SHRUBS |  | TOWN BOUNDARY |
|  | FOREST |  | QUARRY |

Use the map of kata shoka area to answer questions 1-7

1. Land in kata shoka area rises from one of the following directions. Which one is it?
 - A. North East
 - B. North West
 - C. South East
 - D. South West
2. What is the approximate length of the murram road from the junctions edge of the map?
 - A. 19km
 - B. 8km
 - C. 15km
 - D. 4.5km
3. The main settlement pattern in the area covered by the map is ?
 - A. Dispersed
 - B. sparse
 - C. clustered
 - D. linear
4. The following are functions of the town found on the map except one. Which one is it?
 - A. Religious center
 - B. Administrative Centre
 - C. Communication center
 - D. Education center
5. One of the following is the main economic activity carried out in the area covered by the map. Which one is it?
 - A. Farming
 - B. Mining
 - C. Tourism
 - D. Trading
6. Which of the following statement is true of the area represented by the map?
 - A. All parts of Kata Shoka area receives inadequate rainfall.
 - B. Some parts of Kata Shoka area have red volcanic soils.
 - C. All parts of Kata Shoka area receive heavy rainfall throughout the year.
 - D. There are only two economic activities being carried out in the area covered by the map.
7. Who among the following is LIKELY to be the MOST senior elected head of the area covered by the map?
 - A. A member of the county assembly
 - B. The county Governor
 - C. The area chief
 - D. The District commissioner
8. The following countries are found in Africa _____
 - (i). Mauritania
 - (ii). Algeria
 - (iii). Libya
 - (iv). Mali
 - (v). Sudan

Which among the above countries borders the Mediterranean Sea?

 - A. i and iv
 - B. ii and iii
 - C. iii and iv
 - D. iv and v
9. Which of these African countries is NOT crossed by the tropic of Capricorn?
 - A. South Africa
 - B. Botswana
 - C. Mozambique
 - D. Congo republic

10. The time in a town Z 40°E is 4.00pm. What will be the time in a town A located at 20°West ?
- 12.00 noon
 - 12.00 midnight
 - 8.00pm
 - 8.00am
11. Most mountains found in Africa were formed as a result of the process of?
- faulting and uplifting
 - accumulation of lava on the earth's surface
 - faulting and sinking
 - bending of young sedimentary rocks
12. Which of these mountains is matched CORRECTLY with the country where it is located
- Mount Karas - Botswana
 - Mount Danakil Alps - Cameroon
 - Mount Ruwenzori - Uganda
 - Mount Ras Dashan - Sudan
13. Three of the following statements are true of Mediterranean climate except one. Which one is it?
- Most of the rain is influenced by the westerly winds
 - The region experiences hot and dry summers.
 - The region experiences cool and wet winters.
 - The region experiences high temperatures throughout the year
14. Which of these sets of lakes were formed as a result of the process of down warping?
- Lake Victoria and lake Chad.
 - Lake Chala and lake Shala.
 - Lake Jipe and lake Turkana
 - Lake Edward and lake Eyasi.
15. The two periods when the lengths of days and night vary are called?
- Equinoxes
 - seasons
 - solstices
 - meridians
16. Okavango, Sudd, Lorian, and Malagarasi are regions found in Africa. What do they have in common?
- They are all hot deserts
 - They are all swampy regions
 - They are all major plains of Africa
 - They are all plateau regions of Africa
17. One of these basins is found in West Africa. Which one is it?
- the Nile basins
 - the Congo basins
 - the Orange basins
 - The El Djouf basins
18. The following features are all found along the Coastal plains of Africa except one. Which one is it?
- Barchans
 - Sand bars
 - Beaches
 - lagoons

19. An aneroid barometer is used to measure one of the following elements of weather. Which one is it?
- A. Speed of the wind
 - B. The atmospheric pressure
 - C. The direction of the wind
 - D. The amount of water vapour

20. The following towns are found in Africa. Which among them is likely to receive relief rainfall?
- A. Arusha
 - B. Mwanza
 - C. Luanda
 - D. Mombasa

21. The following conditions describe a region in Africa.
- (i) Skies are cloudless
 - (ii) Hot and dry conditions are experienced.
 - (iii) Rainfall is irregular and is usually less than 250mm per year.

The above conditions are best suited to _____

- A. Cape region of South Africa.
 - B. Kalahari region of Southern Africa.
 - C. The Ethiopian highlands.
 - D. The Mediterranean Coast of Northern Africa.
22. Which of these soils are also referred to as young soils?
- A. Alluvial soils.
 - B. Red volcanic soils.
 - C. Sandy soils.
 - D. Loamy soils.
23. The following are relief regions found in Kenya.
- i. The Coastal plains.
 - ii. The highlands.
 - iii. The Nyika Plateau

- iv. The Rift Valley
- v. The Lake basin

Which of the above regions is the BEST suited for dairy farming?

- A. i
- B. ii
- C. iii
- D. v

24. One of these sets of communities migrated and settled in Northern Africa. Which one is it?
- A. The Asante and Soninke
 - B. The Hausa and Bambara
 - C. The Berbers and Tuaregs
 - D. The Fulani and the Wolof.

25. The original inhabitants of Central Africa were the Khoisan and the _____

- A. Bambuti
- B. Lozi
- C. Tonga
- D. Shone

26. Which of these communities is CORRECTLY matched with the country it is MAINLY found?
- A. Bakongo - Angola
 - B. Baluba - Cameroon
 - C. Ndebele - Zimbabwe
 - D. Shone - Mozambique

27. One of these sets of communities consists of highland nilotes. Which one is it?

- A. Nandi, Pokot and Njemps.
- B. Sebei, njemps and Turkana
- C. Kipsigis, Marakwet and Nandi
- D. Elgeyo, Tugen and Iteso

28. Mountain vegetation is MAINLY influenced by one of the following factors. Which one is it?

- A. soils
- B. Latitude
- C. altitude
- D. rainfall

29. Which of these communities is MAINLY found in Southern Africa?
- Afrikaners
 - Creoles
 - Sebei
 - Soninke
30. One of these types of marriages in Kenya is conducted by a clan elder. Which one is it?
- Civil marriage
 - Customary marriage
 - Islami marriage
 - Hindu marriage
31. The following communities are Southern Cushites except one. Which one is it?
- Iraqw
 - Mbugu
 - Dahalo
 - Boran
32. Who among the following is in charge of writing the minutes for a school management committee?
- The treasurer
 - The headteacher
 - The deputy headteacher
 - The chairperson
33. One of the following sets consists of people who belong to the same clan in the traditional African Maasai community in Kenya. Which one is it?
- Kantai, his wife and his son.
 - Kantai, his mother and his daughter.
 - Kantai, his father and his son.
 - Kantai, his wife and his mother.
34. Which of the following is a traditional artefact in Kenya?
- A book
 - An old magazine
 - A beaded necklace
 - A glass jar
35. One of the following consists of a list of secondary needs for family members. Which one is it?
- Food, house and clothes.
 - Food shelter and vehicles.
 - Water, food and shelter.
 - Security, love and family property.
36. Which of these conditions does NOT favour cocoa growing in Ghana?
- High temperatures of above 24°C.
 - Low altitude up to 700 metres above sea level.
 - Protection from direct sunlight and very strong winds.
 - High altitude of above 2000 metres above sea level.
37. In which of these islands is the growing of cloves a major economic activity?
- Mfangano Island.
 - Rusinga Island
 - Pate Island
 - Pemba Island.
38. Which of these aspects of culture should be preserved in our society?
- Marrying of many wives.
 - Inheritance of wives
 - Traditional dances that offer entertainment.
 - Female genital mutilation.

39. Bananas are grown in Uganda mainly _____
- In the Northern part of the country.
 - As a major staple crop.
 - Under irrigation
 - By foreigners who settled in the country.
40. The following conditions favour pastoral farming activities among the Fulani of West Africa except one. Which one is it?
- The Fulani occupy an extensive grassland belt.
 - The areas the Fulani graze their cattle has low population density.
 - There is absence of tse tse flies in the grasslands.
 - The Fulani are found in areas of high population densities.
41. One of the following multi - purpose river projects is CORRECTLY matched with the country where it is located. Which one is it?
- Kariba dam project - Zambia
 - Aswan High dam project - Ghana.
 - Akosombo dam project - Egypt.
 - Seven Forks Scheme - Zimbabwe
42. Which of these sets of crops were grown by African traditional communities in Kenya in the pre - colonial period?
- Tea and coffee
 - Sugarcane and sisal
 - Rice and pyrethrum
 - Millet and yams

43. The following describes a fishing method in Africa.
- It uses cone - shaped nets.
 - The nets are pulled by large boats.
 - The nets have floats and weights.
 - The method is used in the deep seas.

The fishing method described above is _____

- Harpooning
- Net - drifting
- Trawling
- Long - lining

Use the map of Africa to answer questions 44 - 47



44. Three of the following statements are true of the country marked X on the map. Which one is NOT?
- It has its capital city at Antananarivo.
 - It was formerly a Belgim colony.
 - It was formerly a French colony.
 - It achieved independence before O.A.U was established.

45. The shaded region marked BB is sparsely populated mainly due to _____
- Floods from the Atlantic Ocean.
 - Plenty of wild animals in the region.
 - Civil war among communities living in the region.
 - Arid environmental conditions experienced in the region.
46. The ancient kingdom that existed around the shaded region marked Z was established by one of the following communities. Which one is it?
- The Baganda
 - The Wachagga
 - The Soninke
 - The Berbers
47. One characteristics found at the region shaded and marked AA is that _____
- It consists of shrubs and spiky grass.
 - It consists of plenty of grass and scattered trees.
 - It consists of sweet smelling herbs and spiky grass.
 - It consists of tall evergreen trees that grow close together.
48. The following are by - products from oil refining. Which one is NOT?
- Paints
 - Glass
 - Synthetic fibre
 - Fertilisers
49. Three of the following are uses of diatomite. Which one is NOT?
- Strengthening aluminium and steel.
 - Making water filters.
 - Making heat insulators
 - Preserving fertilizers.
50. Which of the following is a processing industry?
- A cement factory
 - A creamery
 - A shoe factory
 - A vehicle assembling plant
51. The Great North Road, passes through one of the following towns found in Africa. Which one is it?
- Arusha
 - Nouakchott
 - Windhoek
 - Tripoli
52. Which of these tourist attractions is found in South Africa?
- Ancient city of Marrakech
 - The Robben Island
 - The Suez Canal
 - The Goree Island
53. One of these countries is CORRECTLY matched with its capital city. Which one is it?
- Egypt - Freetown
 - Gambia - Malabo
 - Lesotho - Maseru
 - Liberai - Tripoli
54. During the pre - colonial period, the Baganda of Uganda were ruled by _____
- An executive president.
 - Hereditary kings
 - Hereditary chiefs.
 - Councils of elders

55. Assimilation policy was used by some colonial powers in

- A. Eritrea
- B. Libya
- C. Senegal
- D. Egypt

56. Regional trading blocs were mainly established in Africa in order to

- A. Improve on tax collection among member states.
- B. Increase taxes on goods being imported by member states.
- C. Create a large market for goods.
- D. Improve security among member states.

57. Kenya's national assembly consists of the following except

- A. Sixteen nominated women.
- B. Twelve nominated members.
- C. Two hundred and ninety elected members.
- D. The speaker who is an ex-officio.

58. The following relates to a prominent personality in Africa.

- i. He trained as a soldier
- ii. He founded a secret organisation called 'free officers'
- iii. He redistributed land in his country.

The personality described above is

- A. Gamal Abdel Nasser
- B. Haile Selassie
- C. Kwame Nkrumah
- D. Leopold Sedar Senghor

59. The head of the court system in Kenya is the

- A. Chief magistrate
- B. Attorney General
- C. Head of State
- D. Chief Justice

60. The following are causes of conflicts in the society except one. Which one is it?

- A. Nepotism
- B. Arbitration
- C. Poverty
- D. Corruption

C.R.E

61. Which of these ceremonies marked the movement of Israelites out of the land of bondage to the promised land?

- A. Pentecost
- B. Passover
- C. Feast of shelters
- D. Ceremony of purification

62. One of the following was a consequence of disobedience by human beings at the garden of Eden. Which one is it?

- A. Human beings became as wise as God.
- B. Human beings began to work.
- C. There was a broken relationship with God.
- D. Human beings began taking care of God's creation.

63. Who among the following anointed the second king of Israel?

- A. Zadok
- B. Nathan
- C. Samuel
- D. Eli

64. I was chosen as a prophet of God before I was born. When I was called by God I gave an excuse of being too young. Who am I?
 A. Prophet Elijah
 B. Prophet Elisha
 C. Prophet Micah
 D. Prophet Jeremiah
65. Which of these birds was sent by Noah during the time of the great flood and came back with a fresh olive leaf?
 A. Duck
 B. Raven
 C. Dove
 D. Sparrow
66. Who among the following was NOT a son of Noah?
 A. Shem
 B. Ham
 C. Japheth
 D. Seth
67. Abraham built an altar for God in one of the following places. Which one is it?
 A. Bethel
 B. Bethany
 C. Jerusalem
 D. Goshen
68. Joseph was sold as a slave to an Egyptian known as _____
 A. Joel
 B. Pharaoh
 C. Potiphar
 D. Eliphaz
69. Which of these items was NOT used by Gideon's army in the war against the Midianites?
 A. Jars
 B. Trumpets
 C. Torches
 D. Spears
70. Baruch was a scribe who wrote God's message as it was dictated by one of the following prophets. Whom is it?
 A. Micah
 B. Jeremiah
 C. Elijah
 D. Nathan
71. The family of Elimelech and Naomi moved to the land of Moab in order to escape from _____
 A. Diseases
 B. Warfare
 C. Famine
 D. King Herod
72. What lesson do we learn from the story of Ruth and Naomi?
 A. To be loyal to each other.
 B. To tolerate each other.
 C. To be open to each other.
 D. To be fair to each other.
73. The wife of Moses was a daughter of a _____
 A. Carpenter
 B. Tentmaker
 C. fisherman
 D. priest
74. Who among the following had been promised that he would not die until he saw the Messiah?
 A. Zechariah
 B. Philip
 C. Simeon
 D. Barnabas

75. Which of these miracles of Jesus showed His power to forgive people of their sins?
- Healing the man who was blind.
 - Feeding the five thousand people
 - Raising Lazarus from death.
 - Healing of the paralysed man.
76. According to the Apostles' creed God is described as _____
- The saviour
 - The Messiah
 - The King
 - The Creator
77. Heaven was opened during one of the following occasions in the life of Jesus. Which occasion was it?
- Baptism of Jesus
 - Arrest of Jesus
 - Resurrection of Jesus
 - Crucifixion of Jesus.
78. Who among the following women witnessed the dedication of Jesus?
- Elizabeth
 - Lydia
 - Joanna
 - Anna
79. According to the Apostles' creed, Jesus suffered under _____
- High Priest Caiaphas
 - Pontius Pilate
 - King Herod
 - Roman officials.
80. Happy are those who mourn, for they shall be comforted. Jesus taught this _____
- In a synagogue
 - In a temple
 - During the sermon on a hill
 - While seated on Peter's boat.
81. The following are members of the clergy in the church except one. Who are they?
- Pastors
 - Reverends
 - ushers
 - bishops
82. According to the beatitudes happy are those who are humble for _____
- They shall obtain mercy.
 - They will receive what God has promised.
 - God will call them his children.
 - The kingdom of heaven belong to them.
83. Which of these books found in the Bible is an epistle?
- Romans
 - Mark
 - John
 - Revelation
84. The gift of gold was brought to Jesus by one of the following groups of people. Who are they?
- The shepherds
 - The Pharisees
 - The tax collectors
 - The wisemen.
85. The first missionaries who came to Kenya in the 19th century built the first mission station at _____
- Thogoto
 - Taveta
 - Rabai
 - Kabras

86. The following are Christian values except one. Which one is it?
- A. Envy
 - B. Charity
 - C. Forgiveness
 - D. humility
87. Who among the following was called to become a disciple of Jesus from a tax office?
- A. Philip
 - B. Bareholomew
 - C. Levi
 - D. James
88. One similarity of Christianity and African traditional religion is that _____
- A. Both religions have a belief that Jesus is a son of God.
 - B. Both religions have priests.
 - C. Both religions read scriptures from the Bible.
 - D. Both religions have a belief in the holy trinity.
89. Jesus became a refugee in one of the following African countries. Which one is it?
- A. Libya
 - B. Ethiopia
 - C. Morocco
 - D. Egypt
90. Richard is one of the richest men in Katumani village. Which of the following would be his best way of using his wealth?
- A. To go for trips to overseas countries.
 - B. To buy the latest model of Range Rover car for his family.
 - C. To pay school fees for children from poor families.
 - D. To vie for a seat in parliament in order to become popular.

GATUNDU SUB – COUNTY EXAMINATION

STANDARD 7 – TERM III 2015

SCIENCE

Time: 1 Hour 40 minutes

READ THESE INSTRUCTIONS CAREFULLY

1. You have been given the question booklet and a separate answer sheet. The question booklet contains 50 questions.
2. Do any necessary rough work in this booklet.
3. When you have chosen your answer, mark it on the **ANSWER SHEET**, not in the question booklet.

HOW TO USE THE ANSWER SHEET

4. Use an ordinary pencil only.
5. Make sure that you have written on the answer sheet
YOUR INDEX NUMBER
YOUR NAME
NAME OF YOUR SCHOOL
6. By drawing a **dark line** inside the correct numbered boxes mark your full Index Number (i.e. School Code Number and the three-figure Candidate's Number) in the grid near the top of the answer sheet.
7. Do not make any marks outside the boxes.
8. Keep your answer sheet as clean as possible and do **not** fold it.
9. For each of the Question 1 – 50 four answers are **given**. The answers are lettered A, B, C and D. In each case only **ONE** of the four answers is correct. **Choose** the correct answer.
10. On the answer sheet the correct answer is to be shown by drawing a **dark line** inside the box in which the letter you have chosen is written.

EXAMPLE

In the Question Booklet:

4. Which of the following plant is green non flowering?

A. Mushroom B. Sisal
C. Moss D. Cassava

The correct answer is C.

On the answer sheet:

4 [A] [B] [D] 14 [A] [B] [C] [D] 2 [A] [B] [C] [D] 3 [A] [B] [C] [D] 4 [A] [B] [C] [D]

In the set of boxes numbered 4, the box with the letter D printed in it is marked.

11. Your **dark line** **MUST** be within the box.
12. For each question **ONLY ONE** box is to be marked in each set of four boxes.

PRINTED BY HIGHFLYER SERIES Tel: 0723 499860

**Funded By: C.D.F. Gatundu South Constituency,
Patron Hon. Moses Kuria, Mp Gatundu South.**

TURN OVER

1. Which one of the following blood vessels carries deoxygenated blood away from the heart?
 - A. Aorta
 - B. Pulmonary artery
 - C. Pulmonary vein
 - D. Venacava

2. Which one of the following is a health effect of drug abuse?
 - A. Drug induced accidents
 - B. Truancy
 - C. Marital conflicts
 - D. Addiction

3. The following are stages of HIV infection.
 - (i) Full blown stage
 - (ii) Window stage
 - (iii) Asymptomatic stage
 - (iv) Symptomatic stage

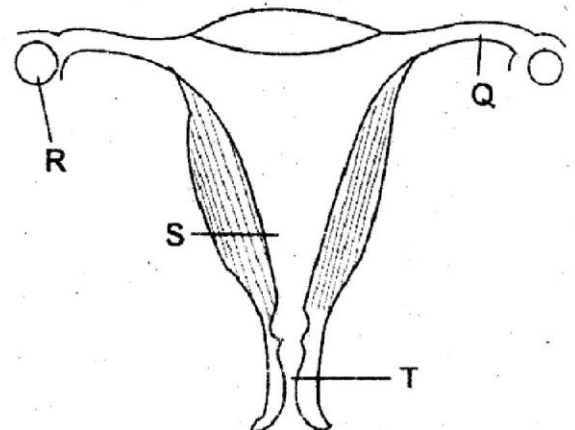
Which of the following shows the correct arrangement from the first to the last?

- A. i, ii, iii, iv
 - B. ii, iv, iii, i
 - C. ii, iii, iv, i
 - D. ii, i, iii, iv
-
4. Which one of the following is NOT a function of water in the body? It helps to _____
 - A. Prevent constipation
 - B. Make blood
 - C. Cool the body
 - D. Remove waste products

5. Several young ones born at the same time to the same mother are known as _____.
 - A. twins
 - B. calves
 - C. kids
 - D. litter

6. Which one of the following method of parasite control helps to control both internal and external parasites in livestock?
 - A. Deworming
 - B. Spraying
 - C. Rotational grazing
 - D. Clearing the bushes

7. The illustration below represents the female reproductive system.



Which one of the letters above represents the part where fertilization takes place?

- A. R
- B. Q
- C. T
- D. S

8. Which one of the following crop pests causes damage by cutting the stems of young plants?
- aphids
 - Cutworms
 - Stalkborers
 - Weaverbirds
9. Which one of the following components of the environment is found everywhere?
- Water
 - Air
 - Soil
 - Plants
10. Ouma was walking home from school one evening. He realised that his shadow was on his right side and his home directly ahead of him. What was the direction of his home from school?
- East
 - West
 - South
 - North

11. Study the feeding relationship below:
Grass → Locust → Chameleon → Hawks

What would happen in the above food chain if all chameleons were killed?

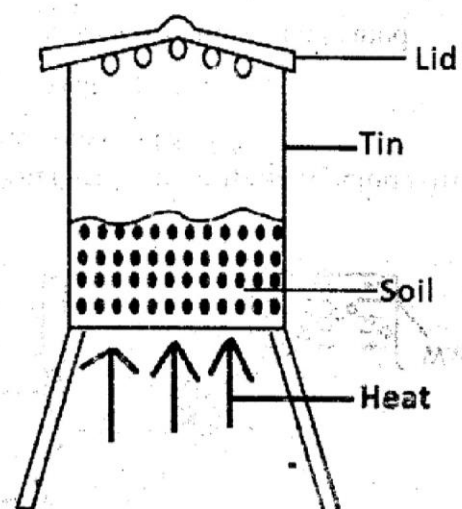
- The grass will increase
- Both locusts and hawks will decrease.
- The locusts will increase in number.
- The hawks will be more

12. Which one of the following mixtures can be separated by winnowing?
- Sand and salt
 - Maize and chaff
 - Beans and rice
 - Iron filings and flour
13. The following are physical changes that occur during adolescence.
- Increase in weight and height.
 - Chest broadens
 - Hip bone enlarges
 - Sweat glands become more active.

Which one of the above changes does not take place in boys?

- iii
- ii
- i
- iv

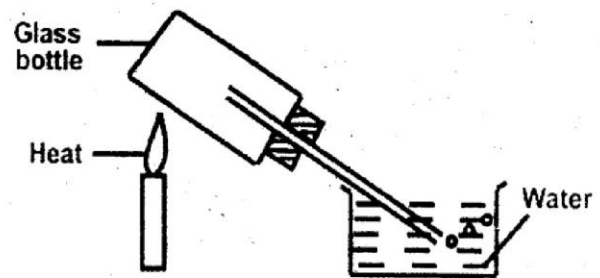
14. The illustration below shows an experiment carried out by std 4 pupils during a science lesson.



Which component of soil were the pupils investigating?

22. Which one of the levers below has the position of the load between the fulcrum and the effort?
- Claw hammer
 - Wheel barrow
 - Crow bar
 - Spade
23. Which one of the following is NOT a communicable disease?
- tetanus
 - tuberculosis
 - malaria
 - typhoid
24. Which one of the following is the largest component of the environment?
- Air
 - Soil
 - Water
 - animals
25. Soil that is good for making long ribbons has _____
- Low water retention
 - Rough texture
 - Large air spaces
 - High capillarity
26. Which one of the following is non - magnetic material?
- steel
 - nickel
 - cobalt
 - aluminium

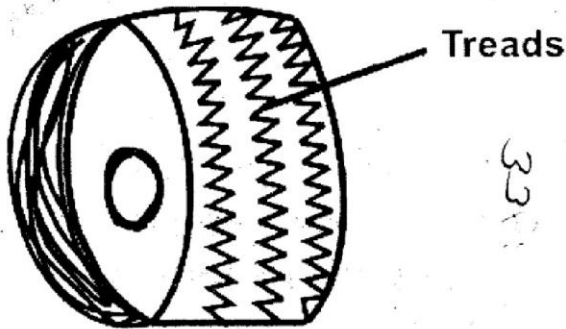
27. The illustration below shows an experiment carried out by class five pupils of Watamu School.



What did the pupils conclude from the above activity?

- Water has air
 - Gases expand when heated
 - Liquids expand when heated
 - Matter occupies space
28. Which of the following planets are in the 3rd, 5th and 8th positions from the sun respectively?
- Mars, Jupiter, Neptune
 - Earth, Jupiter, Neptune
 - Earth, Saturn, Uranus
 - Venus, Mars, Neptune
29. The chemical substance found in tobacco that causes addiction is _____
- Nicotine
 - Carbon monoxide
 - Tar
 - Caffeine

30. The illustration below shows a car tyre.



The main reason for having treads in the tyre is the _____

- A. Reduce friction
B. Make it last longer
C. Increase friction
D. Make it heavier
31. Clouds which look like huge bundle of cotton wool are also likely to _____
- A. Indicate heavy rainfall.
B. Have a flat bottom.
C. Be very low in the sky.
D. Be dark grey in colour.
32. Three of the following are electrical appliances used at home. Which one is NOT?
- A. Immersion heater
B. Refrigerator
C. Electric iron
D. Gas cooker

33. The quantity of matter in an object is measured in three of the following units EXCEPT?

- A. Kilogram
B. Tonnes
C. Newtons
D. Grams

34. Which one of the following does not cause water pollution?

- A. floods
B. cigarette smoking
C. farm chemicals
D. oil spillage

35. The following are sources of electricity:

- (i) Dry cells
(ii) Bicycle dynamo
(iii) Wind driven turbines
(iv) Car battery
(v) Petrol driven generators

Which of the following sources is made up of generators only?

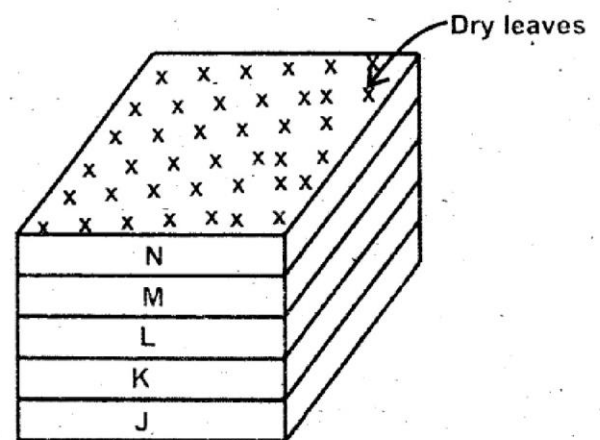
- A. ii, iii, v
B. iii, iv, v
C. i, iv, v
D. i, ii, iii

36. The metal used to make the lightning arrester is _____

- A. copper
B. Silver
C. aluminium
D. steel

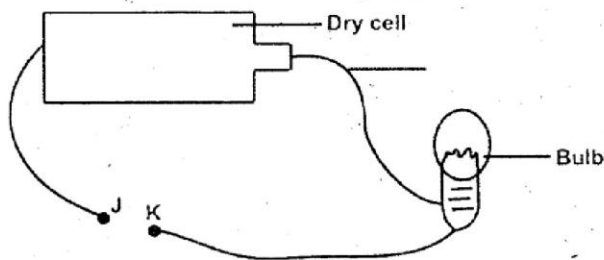
- A. Soil has air
 B. Soil has mineral particles
 C. Soil has humus
 D. Soil has water
15. Convection is the transfer of heat through _____
 A. Liquid and gases
 B. Gases only
 C. Liquids only
 D. Gases and vacuum.
16. Which one of the following aspects does not affect floating and sinking?
 A. weight
 B. shape
 C. size
 D. type of material
17. A child with pale finger nails, rapid heart beat and feels very tired after doing a simple task is likely to be suffering from _____
 A. marasmus
 B. rickets
 C. kwashiorkor
 D. anaemia
18. Which one of the following groups consists of tuber crops only?
 A. Groundnuts, maize, onions,
 B. Carrots, potatoes, yams
 C. Tea, coffee, cocoa
 D. Sisal, cotton, coconut

19. Alex rubbed two balloons at the same time using the same material. If the two balloons were brought close to each other they will _____
 A. Attract each other
 B. Burst
 C. Neither attract nor repel
 D. Repel each other.
20. The illustration below represents the arrangement of materials in a compost heap.



- Which of the following shows the materials found in layer J, L and N respectively.
- A. Kitchen refuse, ash, Top soil
 B. Maize stalk, ash, farm yard manure
 C. Maize stalk, farm yard manure, top soil
 D. Top soil, farm yard manure, ash.
21. Which one of the following is NOT a recreational use of water?
 A. Swimming
 B. Making fountains
 C. Surfing
 D. Boat racing

37. The illustration below represents a simple electric circuit.



Which of the following materials would make the bulb to light if connected in the gap between J and K?

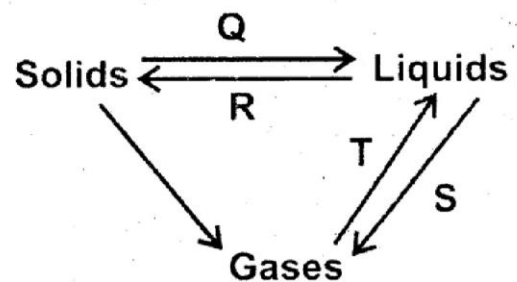
- A. Plastic ruler
 - B. Dry piece of wood
 - C. Razor blade
 - D. A polythene paper
38. Several pupils took their lunch as follows:
- Susan: ugali, Beans and fish.
 Joel: rice, Chapate and Kales
 Alvin: Oranges, Pumpkins and Beef.
 Michelle: Black beans, rice and Mango.

Which one of the above pupils took a balanced diet?

- A. Susan
 - B. Michelle
 - C. Alvin
 - D. Joel
39. Which of the following pairs of plant consists of non - green plants only?
- A. Algae and Moss
 - B. Lichen and Bracket tree

- C. Sisal and Grass
- D. Mushroom and Mould

40. The state in which matter exists mainly depends on _____
- A. Temperature and humidity
 - B. Volume and shape
 - C. Temperature and pressure
 - D. Weight and pressure
41. Which one of the following types of teeth is not a part of the primary teeth?
- A. Molars
 - B. Canines
 - C. Incisors
 - D. Premolars
42. Digested food is absorbed in the _____
- A. stomach
 - B. Ileum
 - C. rectum
 - D. colon
43. The illustration below represents different changes of state in matter.



Which one of the following pairs of processes from the above diagram require a decrease in temperature.

- A. S, T
- B. Q, R
- C. T, R
- D. T, Q

44. Which one of the following groups of materials is made up of only transparent materials?
- A. Frosted glass, milk, ink.
 - B. Mirror, water, frosted glass
 - C. Clear plastic, tracing paper, water
 - D. Clear glass, air, water
45. A beam balance is used to measure _____
- A. force
 - B. Weight
 - C. volume
 - D. mass
46. Three of the following animals have the same number of legs as a spider EXCEPT _____
- A. scorpion
 - B. Crab
 - C. Tick
 - D. mite
47. Which one of the following methods of rotational grazing requires the use of permanent fences?
- A. Strip grazing
 - B. Tethering
 - C. Paddocking
 - D. Herding
48. Which one of the following plants has separate male and female flowers on the same plant?
- A. maize
 - B. Orange
 - C. pawpaw
 - D. cactus
49. A nail made of metal sinks in water while a metal cork floats on water due to their difference in _____
- A. shape
 - B. Material
 - C. weight
 - D. size
50. The embryo of a bean seed is made up of _____
- A. Testa and micropyle
 - B. Cotyledon and radical
 - C. Radicle and plumule
 - D. Plumule and cotyledon

GATUNDU SUB – COUNTY EXAMINATION STANDARD 7 – TERM III 2015

LUGHA YA KISWAHILI

Muda: Saa 1 dakika 40

SOMA KWA MAKINI MAAGIZO YAFUATAYO

1. Umepewa kijitabu hiki cha maswali na karatasi ya kujibu. Kijitabu hiki kina maswali 50.
2. Ikiwa utataka kuandika chochote ambacho si jibu andika katika kijitabu hiki.
3. Ukisha chagua jibu lako lionyeshe katika **KARATASI YA MAJIBU** na wala sio katika kijitabu hiki cha maswali.

JINSI YA KUTUMIA KARATASI YA MAJIBU

4. Tumia penseli ya kawaida.
5. Hakikisha ya kwamba yafuatayo yameandikwa katika karatasi ya majibu.

NAMBA YAKO YA MTIHANI

JINA LAKO

JINA LA SHULE YAKO

6. Kwa kuchora kistari katika visanduku vyenye namba zinazokuhusu, onyesha namba yako kamili mtihani (yaani namba ya shule na zile namba tatu za mtahiniwa) katika sehemu iliyotengwa mwan. wa karatasi ya majibu.
7. Usitie alama zozote nje ya visanduku.
8. Iweke safi karatasi yako ya majibu.
9. Kwa kila swali 1 – 50 umepewa majibu manne. Majibu hayo yameonyeshwa kwa herufi A, B, C, D. jibu **MOJA** tu kati ya hayo manne ambayo ni sahihi. Chagua jibu hilo.
10. Kwenye karatasi ya majibu, jibu sahihi lionyeshe kwa kuchora kistari katika kisanduku chenye herufi uliyochagua kuwa ndilo jibu.

MFANO

Katika kijitabu cha maswali:

21. Ni sentensi ipi inayoonyesha 'ki' ya wakati.
 - A. Tukienda tutawapata.
 - B. Kila mtu asimame.
 - C. Waiikalia kiti kizuri.
 - D. Walikipenda kiazi.

Katika karatasi ya majibu

11 [A] [B] [C] [D] **11** [A] [B] [C] [D] **21** [A] [B] [C] [D] **31** [A] [B] [C] [D] **41** [A] [B] [C] [D]

Katika visanduku vinavyoonyesha majibu ya swali namba 21, kisanduku chenye herufi **A** ndicho kilichochoywa kistari.

11. Chora kistari chako vizuri. Kistari chako kiwe cheusi na kisijitokeze nje ya kisanduku.
12. Kwa kila swali, chora kistari katika kisanduku kimoja tu kati ya visanduku vine ulivyoepewa.

PRINTED BY HIGHFLYER SERIES Tel: 0723 499860

**Funded By: C.D.F. Gatundu South Constituency,
Patron Hon. Moses Kuria, Mp Gatundu South.**

TURN OVER

Umepewa vifungu viwili nambari 1-15 katika kila pengo teua kiteuzi ambacho ni bora zaidi katika ya vile vinne ulivyopewa

Kudorora _____ 1 _____ uchumi wa _____ 2 _____ la Kenya ni jambo ambalo _____ 3 _____ na wengi. Wananchi wa kawaida wamekuwa na _____ 4 _____ kubwa kwa Serikali iliyopo _____ 5 _____ upepo ulibadilika _____ 6 _____ ambapo Serikali _____ 7 _____ kuwalipa walimu mishahara yao ya mwezi wa Septemba. _____ 8 _____ mara moja iwapo ni pesa ambazo 9 au ni mpango wa Serikali _____ 10 _____ walimu kwa mgomo uliosemekana kuwa haukuwa _____ 11 _____ na sheria

A	B	C	D
1. kwenye	katika	kwa	kule
2. taifa	nchi	inchi	jamhuri
3. lilitarajiwa	halikutarajiwa	lilijulikana	halikuonwa
4. hofu	wasiwasi	tumaini	tegemeo
5. lakini	isipokuwa	taraa	ili
6. mwaka	mwezi	wakati	mda
7. ilidinda	walishindwa	walikataa	ilikubali
8. Haikujulikana	llibainika	lileleweka	Haikuingiliwa
9. zilizidi	zilikosa	zilipotaa	zilitumwa
10. kuwapongeza	kuwainua	kuwaadhibu	kuwakirimia
11. umekatazwa	umelindwa	umesifiwa	umezuiliwa

Hakuna _____ 12 _____ yale yafanyike. Kila aliyenjua na _____ 13 _____ Shupavu angekuwa shahidi kuwa _____ 14 _____ lile lilikuwa moto wa kuotewa li _____ 15 _____.

12. aliye kataa	aliye camini	aliye tarajia	aliye shuku
13. kumfahamu	kumwogopa	kumhurumia	kumhamia
14. mtu	kijitu	janadume	shetani
15. kando	mbali	karibu	juani

Maradhi ya saratani ni mojawapo ya maradhi ambayo yamekuwa sugu sana kote ulimwenguni. Kadri ulimwengu unavyozidi kustaarabika ndivyo maradhi haya yanavyozidi kuenea na kukita mizizi. Usasa umeyapa marahi haya hadhi na mizizi nayo yakazidi kuenea bila kutazama mipaka. Utafiti wa kimatibabu umegundua kuwa maradhi ya saratani yanaweza kushika sehemu mbalimbali za mwili wa binadamu mathalani, ini, mapafu, utumbo, ubongo, damu, ngozi na sehemu nyinginezo za mwili. Saratani, kwa kuelezea tu ni ile hali ya ukuaji usio wa kawaida wa sehemu fulani ya kiungo cha mwili. Ukuaji huu husababisha dhiki kwa mgonjwa.

Ugonjwa wa Saratani husababisha uchungu unaokithiri stahamala za binadamu. Inasemekana kuwa ukongo huu humwumiza mgonjwa, humdhalilisha na kumkosesha raha nyakati zote. Aliye na uele wa Saratani hutamani kuiondokea ili kuepukana na mateso. Wao hujiona kama mizigo kwa wapendwa wao. Saratani haibagui. Huwaangamiza waja wa matabaka yote. Kina mama wengi wameihama dunia hii kutokana na saratani ya kibofu cha uzazi. Wanaume nao pia hawajasazwa, wameifuata njia iyo hiyo.

Utafiti uliofanywa unaonyesha kuwa iwapo tungebadili namna tunavyoishi, tungeweza kupunguza maambukizi ya saratani kwa kiwango kikubwa. Tuvienzi vyakula vyetu vya asili na kujitenge na vile vinavyouzwa madukani ikisemekana eti ni vya kisasa. Tuwafunze watoto wetu kupata kisebeho cha muhogo, viazi vikuu, hindi la kuchoma au la kuchemshwa na vyakula vingine vya kiasili. Tuepukana na vyakula vinavyosemekana eti ni vitamu. Tukumbuke kuwa tamu ni tamu isozidi tamu ikizidi tamu si tamu tena.

41. Watu wanaoishi ulimwenguni huka'iliwa na _____
- A. dhiki mbalimbali
 - B. aina fulani za masaibu
 - C. maradhi mengi ingawa si ya kuambukiza
 - D. hupenda kujitenga na sayari ya tatu

42. Maradhi ya saratani yametajwa kama _____
- A. yanayowaathiri wengi wanaoishi mijini
 - B. yanayoenea kadri ulimwengu unavyozidi kukua
 - C. yanayowapata wakwasi pekee
 - D. yaliyokita mizizi pekee

43. Ni nini kinachoendelea kuchochea ugonjwa wa saratani?

- A. ukoloni mamboleo
- B. kupewa heshima na wale wanaougua
- C. hali ya maisha ya kisasa
- D. ukosefu wa utafiti unaofaa

44. Mwandishi amesema uele wa saratani unaweza kuelezwa kama _____.

- A. ueneaji wa harara mwilini
- B. kuumwa na ini, mapafu, utumbo, ubongo na sehemu nyinginezo za mwili
- C. usio na tiba hata ukigunduliwa mapema
- D. ukuaji usio wa kawaida katika sehemu fulani za mwili

45. Ugonjwa wa saratani humsababishia mgonjwa haya yote isipokuwa _____.

- A. uhaba wa raha
- B. udhalilishaji
- C. nafuu isiyo ya kawaida
- D. maumivu yaliyovuka mipaka

46. Wanaosemekana kuelekezwa jongomeo na maradhi ya saratani ni _____.

- A. matajiri
- B. walahahoi
- C. watoto wanaokua
- D. wenye siha njema

47. Tunaweza kupunguza ueneaji wa saratani iwapo?

- A. tungebadili mfumo wa aushi
- B. tungekula vyakula vya kisasa vilivyotengenezwa kwa kufuata teknolojia mamboleo
- C. tungekoma kununua chochote madukani
- D. tungebadili makazi yetu

48. Staftahi ya viazi vikuu au mihogo ni _____.

- A. dhaifu
- B. yenye ubora maridhawa
- C. ya watu wa hadhi ya chini
- D. nadra kupatikana

49. Kwa mujibu wa mwandishi vitu vitamu _____.

- A. visiliwe kamwe
- B. vipigwe marufuku
- C. vitumike kwa uangalifu
- D. si vitamu tena

50. Methali isiyofaa kifungu hiki ni _____.

- A. kinga yashinda tiba
- B. tahadhari kabla ya hatari
- C. mla nawe hafi nawe ila mzaliw nawe
- D. vyote vyowevu si maji

**GATUNDU SUB – COUNTY EXAMINATION
STANDARD SEVEN – TERM III - 2015**

MARKING SCHEME

ENGLISH	KISWAHILI	MATHS	SCIENCE	SOCIAL STUDIES	
1. C	1. C	1. B	1. B	1. A	51. A
2. C	2. A	2. C	2. D	2. B	52. B
3. B	3. B	3. D/C	3. C	3. C	53. C
4. B	4. C	4. A	4. A	4. D	54. B
5. A	5. A	5. D	5. D	5. D	55. C
6. D	6. C	6. C	6. C	6. B	56. C
7. C	7. A	7. C	7. B	7. B	57. A
8. D	8. A	8. A	8. B	8. B	58. A
9. A	9. B	9. B	9. B	9. D	59. D
10. C/B	10. C	10. B	10. D	10. A	60. B
11. C	11. B	11. D	11. C	11. B	
12. D	12. C	12. A	12. B	12. C	C.R.E
13. A	13. A	13. A	13. A	13. D	
14. D	14. C	14. D	14. D	14. A	61. B
15. B	15. B	15. C	15. A	15. C	62. C
16. B	16. B	16. B	16. C	16. B	63. C
17. C	17. C	17. C	17. D	17. D	64. D
18. A	18. B	18. B	18. B	18. A	65. C
19. A	19. A	19. D	19. D	19. B	66. D
20. B	20. C	20. A	20. C	20. A	67. A
21. C	21. B	21. A	21. B	21. B	68. C
22. B	22. B	22. D	22. B	22. A	69. D
23. C	23. B	23. C	23. A	23. B	70. B
24. A	24. C	24. D	24. C	24. C	71. C
25. D	25. D	25. B	25. D	25. A	72. A
26. D	26. C	26. A	26. D	26. C	73. D
27. B	27. B	27. D	27. B	27. C	74. C
28. D	28. D	28. C	28. B	28. C	75. D
29. D	29. A	29. B	29. A	29. A	76. D
30. B	30. C	30. D	30. C	30. B	77. A
31. D	31. C	31. A	31. B	31. D	78. D
32. C	32. B	32. C	32. D	32. B	79. B
33. C	33. D	33. C	33. C	33. C	80. C
34. D	34. A	34. D	34. B	34. C	81. C
35. A	35. D	35. A	35. A	35. D	82. B
36. C	36. C	36. D	36. A	36. D	83. A
37. B	37. A	37. B	37. C	37. D	84. D
38. C	38. B	38. B	38. B	38. C	85. C
39. C	39. C	39. C	39. D	39. B	86. A
40. B	40. D	40. A	40. C	40. D	87. C
41. B	41. A	41. B	41. A	41. A	88. B
42. D	42. B	42. C	42. B	42. D	89. D
43. C	43. C	43. D	43. C	43. C	90. C
44. B	44. D	44. A	44. D	44. B	
45. B	45. C	45. B	45. D	45. D	
46. D	46. D	46. D	46. B	46. C	
47. A	47. A	47. B	47. C	47. D	
48. B	48. B	48. C	48. A	48. B	
49. C	49. C	49. A	49. A	49. A	
50. D	50. C	50. A	50. C	50. B	