ENGLISH
SECTION A:
LANGUAGE

READ THESE INSTRUCTIONS CAREFULLY

1. You have been given this 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.

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 questions 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:

In question 16, choose the alternative that BEST completes the sentence given.

16. What time _______ on television?
   A. is news
   B. are the news
   C. is the news
   D. is the new

   The correct answer is (C)

On the answer sheet:

   6 18 1B 1C 1D 16 1A 1B 1C 1D 26 1A 1B 1C 1D 36 1A 1B 1C 1D 46 1A 1B 1C 1D

In the set of boxes numbered 16, 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.

This question paper consists of 7 printed pages

Candidates should check the question paper to ensure that all the pages are printed as indicated and no questions are missing

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

There are ______ 1 ______ experiences in life that live to ______ 2 ______ us for a long time. ______ 3 ______ experiences are always born of hurting relationships ______ 4 ______ of which are ______ 5 ______ at first but they ______ 6 ______ turn ______ 7 ______ heartaches. ______ 8 ______ we decide to ______ 9 ______ into relationship we ______ 10 ______ hope beyond our reasons that ______ 11 ______ the end it brings joy ______ 12 ______ us. We tend to forget ______ 13 ______ important it is to give more and expect less. Relationship ______ 14 ______ not be taken as an accord towards achievement of benefits. It’s better to cast a net with ______ 15 ______ ideas at heart.

1. A. painful  B. bearable  C. serious  D. some
2. A. spoil  B. bother  C. hurt  D. haunt
3. A. These  B. That  C. This  D. Those
4. A. many  B. most  C. much  D. all
5. A. nice  B. sweet  C. satisfying  D. good
6. A. later  B. soon  C. then  D. secondly
7. A. in  B. to  C. on  D. into
8. A. Whenever  B. Whatever  C. However  D. Moreover
9. A. start  B. be  C. fall  D. stay
10. A. often  B. never  C. hardly  D. rarely
11. A. in  B. at  C. by  D. on
12. A. with  B. for  C. to  D. into
13. A. that  B. how  C. what  D. which
14. A. can  B. may  C. should  D. must
15. A. equal  B. similar  C. greater  D. parallel
For questions 16 to 18, choose the alternative that BEST completes the sentence given.

16. The man as well as his daughter called to the hospital.
   A. were
   B. was
   C. are
   D. have been

17. It was not until Elvis saw the bridge he started looking behind.
   A. when
   B. and
   C. that
   D. then

18. No sooner had Karisa called out for help the nurse responded.
   A. than
   B. when
   C. and
   D. while

For questions 19 and 20, arrange the sentences given to form a SENSIBLE paragraph.

19. (i) as if trying to communicate
    (ii) baby baboons are very amazing
    (iii) they move their mouths up and down
    (iv) just like a small child
   A. (ii), (iv), (iii), (i)
   B. (ii), (iv), (i), (iii)
   C. (ii), (iii), (i), (iv)
   D. (ii), (i), (iii), (iv)

20. (i) depending on temperature and pressure
    (ii) movement of molecules in matter
    (iii) placed in similar volume vessels
    (iv) may vary slightly
   A. (ii), (iii), (iv), (i)
   B. (ii), (iv), (i), (iii)
   C. (ii), (iv), (iii), (i)
   D. (ii), (iii), (i), (iv)

For questions 21 and 22, choose the alternative that means the SAME as the given sentence.

   A. Yahya never visits Malaba.
   B. Yahya usually visits Malaba.
   C. Yahya often visits Malaba.
   D. Yahya visits Malaba less often.

22. The storm killed at least forty people.
   A. The storm killed about forty people.
   B. The storm killed roughly forty people.
   C. The storm killed forty people or less.
   D. Forty people or more were killed by the storm.

Read the passage below and answer questions 23 to 25.

Mary, Alex, Philip and Keziah went on a fishing trip. Mary caught dagaa, Tilapia and Tuna. Keziah caught dagaa and Tuna but was given some Starfish by Philip to carry. Alex caught what Mary caught and added lobster just before they went home. Only Philip caught Silver fish and Spring fish.

23. How many types of fish did the four catch?
   A. Seven
   B. Six
   C. Twelve
   D. Three

24. Who caught the least number of fish?
   A. Alex
   B. Philip
   C. Mary
   D. Keziah

25. Which of the following is TRUE according to the passage?
   A. The most number of fish caught was dagaa.
   B. Two people caught equal number of fish.
   C. Alex and Keziah caught the least and most number of fish respectively.
   D. There was equal catch for Keziah and Philip.
"Live long my son." These words remain in my memory forever. I was about thirteen years old when my ailing father called me to his sick room. He was frail and looked dejected. Not even his ever smiling face would hide the fact that his days had ended and he was surely headed somewhere else. The trembling glass of milk he carried and rolling sweat on his face clearly preached doom to me.

He looked at me and said he was feeling better not because the sickness was gone but because he was going to rest. Tears streamed down my face and I felt a terrible ache under my belly. True to the say- blood is thicker than water- he held my hand and promised to be with me even if not in flesh. That was better but the pain of losing him wouldn’t be washed away.

He took out an old book from his bedside shelf and asked me to open page ninety four. I was vividly shaking. I carefully opened the pages. I did not however get page ninety four. The book had eighty one pages. I protested to him that he had given me a wrong book. He told me to be good always and live long.
26. What does the first sentence of this passage imply?
A. The writer's son should have long life.
B. The writer has lived longer.
C. The writer's father lived long.
D. The writer's father prays for his son's long life.

27. Why do the words of the writer's father remain in his memory forever?
A. They were spoken by a sick person.
B. The writer's father was an old man.
C. They were important to the writer.
D. The writer had good memory.

28. What age was the writer when he was summoned by his father?
A. Thirteen years old.
B. Approximately thirteen years old.
C. Thirteen years shy.
D. Nearly thirteen years old.

29. The word *ailing* as used in the passage means
A. sick
B. sickly
C. deceased
D. disease

30. What does the writer mean by saying the father was headed somewhere else?
A. The writer was almost dying.
B. The writer's father was going away.
C. The writer's father had finished his duty on earth.
D. The writer's father was going to die.

31. Which of the following best describe the mood of the writer when he saw the father tremble?
A. Frail
B. Malnourished
C. Saddened
D. Angered

32. The fact that the writer's father said he felt better suggests that he
A. had given up and was ready to die.
B. was very sick and wanted to die.
C. knew he was not worth life anymore.
D. controlled his life.

33. The state of feeling the writer had after his father talked to him can best be termed as
A. sympathetic
B. empathetic
C. remorseful
D. horrible

34. From the way the writer's father held the writer's hand, we can conclude that their relationship was
A. cordial
B. close
C. natural
D. favourite

35. It is true to say that after the writer's father had talked to him,
A. he felt very good.
B. the death did not scare him.
C. he felt relieved though tensed.
D. he accepted to let go.

36. Which of the following can best replace the word *vividly* as used in the passage?
A. sadly
B. terribly
C. nicely
D. clearly

37. Why did the writer's father give him a book with less pages?
A. He was passing a message to him.
B. He wanted to confuse him.
C. The other pages were torn.
D. It was the only book in the shelf.

38. The MOST suitable title for this passage would be:
A. A sick father and an old book.
B. The mystery of the lost pages.
C. The death of a caring father.
D. A father's message to a son.
Shopping is an act of acquiring goods from a shop. Shops range from the small kiosks in the suburban and rural areas to the great stores in urban centres. These shops offer the consumer opportunity to acquire goods they would have only got from main stores in big cities. The bulkiness of goods is also simplified as the small scale retailers break the goods to fit the pockets of their prospective customers. Shopping is mostly done on weekends for serial workers and at the end of the month for most employed people. The rest of the population do shopping any time they get money.

When thinking about shopping it's advisable to prepare well. One should come up with a pre-budget—this is a dummy of the main budget often overpriced to create room for cuttings. There is always a need to prioritise the items in the budget. Start with the basic items like food and toiletry. Pleasantries and items of less importance should be listed at the bottom of the sheet. In fact, they can even be left if need be. The pre-budget is used to carry out window shopping. The latter is an act of acquiring basic information about a good or goods by mere observation.

Every item bought should be as indicated in both quantity and quality. No diversion should be cropped in. A lot of care should be taken to avoid cases of impulse buying. As a matter of fact, one should deem to purchase everything in the list before thinking of any side purchasing. If this is carefully followed, there will be sufficiency in purchase.

39. Which of the following is TRUE about the first sentence of the passage?
   A. Shopping means acquiring information about goods.
   B. Shopping involves knowledge of prices of goods.
   C. Getting goods from a shop is shopping.
   D. Shops supply goods to people.

40. Which of the following statements is FALSE according to the passage?
   A. Most employed people do their shopping at the end of the month.
   B. Serial workers shop on weekdays.
   C. Food and toiletry are listed first on the budget.
   D. Pleasantries come at the bottom of the list in the budget.
41. The nature of distribution of shops can be termed as
   A. even
   B. selective
   C. equal
   D. variant

42. The main function of shops according to the passage is to
   A. avail goods to consumers.
   B. provide cheaper goods to consumers.
   C. get goods from big shops.
   D. change the size of goods.

43. What dictates the size of commodities in a shop according to the passage?
   A. pocket
   B. buyers
   C. customer's worth
   D. location

44. From the writer's argument, one can conclude that
   A. Shopping is generally done when the month ends.
   B. Time and availability of money are what determines when to shop.
   C. Not everybody can do shopping.
   D. Some shoppers often spend time on weekends.

45. One of the following words can best replace the word *dummy* as used in the passage.
   A. replica
   B. copy
   C. type
   D. example

46. If the actual price of an item is four hundred shillings, the pre-budget may indicate it as
   A. One thousand shillings
   B. Four hundred shillings
   C. Three hundred shillings
   D. Four hundred and fifty

47. Why should goods be prioritised in a shopping list?
   A. To avoid mix purchase.
   B. It prevents impulse buying.
   C. Some goods are very basic and one cannot do without them.
   D. Goods have different prices.

48. The term 'window shopping' as used in the passage refers to
   A. Looking for goods through shop windows.
   B. Finding information about goods.
   C. Pre-purchase of goods.
   D. Walking in shops to look at goods on display.

49. Purchase of goods in a budget should be
   A. Strict
   B. Complex
   C. Flexible
   D. Prompt

50. The BEST title for this passage would be
   A. Budget
   B. Shopping
   C. List of goods
   D. How-to budget

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MATHEMATICS

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   Example
   In the question booklet:

12. What is 43.837 rounded to the nearest hundredth?
    A. 43.80
    B. 43.90
    C. 43.84
    D. 43.830

   The correct answer is (C)

   On the answer sheet
   2 [A B C D] [A B C D] [A B C D] [A B C D] [A B C D]

   In the set of boxes numbered 14, the box with the letter C printed in it is marked.

11. Your dark line MUST BE within the box.

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003 TURN OVER
1. How many groups of hundreds are there in the total value of digit 4 in 3406851?
   A. 40000
   B. 400 000
   C. 4000
   D. 400

2. Which is the least number that can be subtracted from 37639 to make it divisible by 11?
   A. 3
   B. 8
   C. 4
   D. 6

3. Which of the following statement is true about the triangle shown below?

   A. \(c + d = a\)
   B. \(b - c = a\)
   C. \(c + d = e\)
   D. \(c + d - e = 180^\circ\)

4. Use \(>,\,<\) or \(=\) in the space below to make the statement true.
   \[\frac{1}{9}\text{ of }207\quad 24\frac{1}{8}\]
   A. =
   B. <
   C. >
   D. none

5. Simplify \(2(x + 4y) + 3(2x - 2y)\)
   A. \(8x - 2y\)
   B. \(8x - 14y\)
   C. \(8x + 2y\)
   D. \(8x + 14y\)

6. Which one of the following statements is NOT true about the diagram above?
   A. \(g = 50^\circ\)
   B. \(c + f = 180^\circ\)
   C. \(a = 50^\circ\)
   D. \(g = 130^\circ\)

7. Find the difference between the square roots of 441 and 169
   A. 272
   B. 8
   C. 400
   D. 7

8. What is the value of \(\frac{5(56 - 25) + 3 \times 2}{4 \times 3}\)
   A. 15
   B. 3
   C. 36
   D. 156

9. Convert 180\% into a fraction
   A. \(\frac{180}{100}\)
   B. \(1\frac{4}{5}\)
   C. \(1\frac{8}{10}\)
   D. \(\frac{5}{9}\)

10. If \(a = 4\) and \(b = 2\), work out \(7a - 12b + 9\)
    A. 0.8
    B. 8
    C. 0
    D. 4
11. Find the height $x$ if area is $144cm^2$ and base $18cm$

A. 16cm  B. 9cm  C. 12cm  D. 17cm

12. What is the name of a triangle whose sides are not equal?
A. Co-interior triangle  B. Isosceles triangle  C. Equilateral triangle  D. Scalene triangle

13. Work out
\[
\frac{2}{3} \times \left(4 \frac{1}{2} \div 2\right) \times \frac{1}{2}
\]

A. $\frac{2}{3}$  B. $4 \frac{1}{2}$  C. $\frac{3}{4}$  D. 1

14. Calculate the area of the shaded part
\[\pi = 3.14\]

A. 192.5cm$^2$  B. 196.4cm$^2$  C. 206.4cm$^2$  D. 192.0cm$^2$

15. Find the value
\[
\frac{4.8 \times 2.48}{3.6 \times 0.08} \text{ to 1 decimal place}
\]
A. 41.3  B. 41.30  C. 41.33  D. 41.0

16. Ndewga bought a hen at 820 and later sold it making a 20% profit. Find the selling price.
A. sh.984  B. 1120  C. 4200  D. 840

17. A cyclist covered 400m in 20sec. Find the speed in km/h.
A. 48km/h  B. 20km/h  C. 72km/h  D. 60km/h

18. A farm has coffee planted in rows. There are 474 rows each with 362 coffee trees. How many coffee trees are in the plantations?
A. 171454  B. 170588  C. 171588  D. 170488

19. A rectangle has a length of 24cm and a width of 10cm. What is the length of the diagonal?
A. 26cm  B. 32cm  C. 28cm  D. 25cm

20. Which of the statements below is true about a rhombus?
A. All sides are parallel  B. Diagonals intersect at right angles  C. It’s a special rectangle  D. All the interior angles are equal
21. A bus left Nairobi at 11:25am and reached Eldoret at 3.45pm. How long did the bus take?
A. 7hrs 40min
B. 5.20am
C. 6hrs 20min
D. 4hrs 20min

22. Three bells A B and C were ringing at a regular interval of 20min, 25min and 30min respectively. They rang together at 8.00a.m. At what time did they ring together again?
A. 1.40pm  B. 2.30pm
C. 2.00pm  D. 1.00pm

23. During a zonal athletics competition, a pupil ran round the track below 4 times. What distance did he cover in kilometres?

A. 418km  B. 1.672km
C. 0.418km  D. 1672km

24. Arrange from the smallest to the largest.
\[
\frac{4}{9}, \frac{3}{7}, \frac{2}{5}, \frac{1}{2}
\]
A. \(\frac{3}{7}, \frac{2}{5}, \frac{4}{9}, \frac{1}{2}\)
B. \(\frac{1}{2}, \frac{3}{7}, \frac{2}{5}, \frac{4}{9}\)
C. \(\frac{4}{9}, \frac{2}{5}, \frac{1}{2}, \frac{3}{7}\)
D. \(\frac{2}{5}, \frac{3}{7}, \frac{4}{9}, \frac{1}{2}\)

25. The breath of the rectangle below is X cm and it's length is \((x+4)\). If the perimeter is 36cm, find \(x\)

\[\text{P}=36\text{cm}\]
\[x + 4\]

A. 28cm  B. 32cm  C. 7cm  D. 144cm

26. Work Out:

\[
t \quad \text{kg} \quad g
\]
\[
8 \quad 50 \quad 450
\]
\[
-2 \quad 80 \quad 850
\]

A. 10t 860kg 600g
B. 9t 960kg 60g
C. 5t 969kg 600g
D. 6t 960kg 600g

27. Simplify:
\[8 + 4x < 18\]
A. \(x < 2\)
B. \(x > 2\frac{1}{2}\)
C. \(x < 2\frac{1}{2}\)
D. \(x > 2\)

28. What is the number of the edges and vertices in the figure below?

A. 8
B. 12
C. 18
D. 20
29. James went to sleep at 2340hrs. If he woke up 6 hours later, at what time in am/pm did he wake up?
   A. 6:50am
   B. 6:50pm
   C. 4:55pm
   D. 4:55am

30. Find the next number in the pattern below.
   9, 25, 49, 81 ________
   A. 121
   B. 169
   C. 225
   D. 144

31. In an examination 75% of the pupils passed. If 50 pupils failed the examination, how many more pupils passed than those who failed?
   A. 250
   B. 200
   C. 150
   D. 100

32. In a class of 64 pupils each drank 250m/ of milk. How many litres of milk did they take all together?
   A. 16 litres
   B. 1600 litres
   C. 1.6 litres
   D. 16000 litres

33. Kalikaka is P years old. His sister is 5 years younger than him. What will be the sum of their ages in 3 years time?
   A. (p + 8) years
   B. (2p +11) years
   C. (p - 8) years
   D. (6p - 15) years

34. The area of the triangular plot of land is 4 ha. If the length of the base is 400m.
   What is the height in m?

35. What is the size of the largest angle in the figure below?

   A. 40°
   B. 50°
   C. 90°
   D. 120°

36. The path to Mwemas house is 1000m.
   Trees are planted on both sides of the road spaced at a distance of 5 metres intervals. How many trees were planted?
   A. 5000
   B. 402
   C. 400
   D. 500
37. Work out:
\[3.154 \times 2.6\]
A. 82.004
B. 8.2004
C. 8.0204
D. 80.204

38. Calculate the surface area of the pipe whose radius is \(3\frac{1}{2}\) m and height of 2 m. 
\[\pi = \frac{22}{7}\]

39. One hundred and sixty six litres of water were poured into a container whose base measures 70 by 60 cm. Calculate the height of the water in the container

40. Calculate the area of the shaded part.

41. Work out:
\[3.6 + 0.004\]
A. 900
B. 90
C. 9
D. 9000

42. What is the value of
\[\frac{2.8 - 0.5 - 3.2 + 3}{0.4}\]
A. 25.5
B. 525
C. 5.25
D. 149
43. Calculate the perimeter of the figure below in m.

A. 19640m  
B. 2460m  
C. 2450m  
D. 45020m

44. Find the perimeter of the figure below.

A. 250cm  
B. 50cm³  
C. 50cm²  
D. 50cm

45. Find the area of the figure below.

A. 165.5cm²  
B. 165cm²  
C. 204cm²  
D. 198cm²

46. Find the next number in the sequence below.

\[ \frac{1}{4}, \frac{1}{2}, \frac{3}{4}, 1, 1\frac{1}{4} \]

A. \( \frac{1}{2} \)  
B. 2  
C. 1\( \frac{1}{2} \)  
D. \( \frac{1}{4} \)

47. What is the value of 

\( \frac{1}{2} + \frac{3}{4} \) of \( \frac{1}{3} + \left(1\frac{1}{2} + 6\right)\)?

A. \( \frac{5}{4} \)  
B. 9  
C. \( \frac{9}{4} \)  
D. \( \frac{9}{2} \)

48. Ndichu weighs 48kg 1294g while Kibe weighs 39kg 729g. Find the difference in their weights.

A. 9kg 555g  
B. 8kg 565g  
C. 8kg 655g  
D. 8kg 665g

49. Kimani had a basket of mangoes and apples. He sold a \( \frac{1}{3} \) of the mangoes and \( \frac{1}{4} \) of apples from the basket. In total he sold 20 fruits. If \( \frac{1}{2} \) of the fruits he sold were apples, how many fruits remained in the basket?

A. 40  
B. 20  
C. 30  
D. 50
50. The graph below shows the amount of milk flowing from two taps p and q at the same time in a milk processing plant.

What is the total amount of milk in the container after 6.8 minutes?
A. 102 litres
B. 106 litres
C. 105 litres
D. 150 litres

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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.

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4. Use an ordinary pencil.
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   - YOUR INDEX NUMBER
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   Example
   
   In the question booklet:
   
   **33.** MOST parts of Cape region in South Africa receive highest rainfall in the season of
   A. Autumn
   B. Winter
   C. Spring
   D. Summer
   
   The correct answer is B (Winter)

   On the answer sheet:
   
   3 | A | B | C | D | 13 | A | B | C | D | 23 | A | B | C | D | 33 | A | B | C | D | 43 | A | B | C | D

   In the set of boxes numbered 33, the box with the letter B printed in it is marked.

11. Your dark line MUST be within the box.
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This question paper consists of 12 printed pages

Candidates should check the question paper to ensure that all the pages are printed as indicated and no questions are missing.
Study the map of Kionyoo area and use it to answer questions 1 - 7

1. Which one of the following crops is LIKELY to be grown in the South western part of Kionyoo area?
   A. Cotton
   B. Pyrethrum
   C. Rice
   D. Sugarcane

2. What is the general direction of Kionyoo market from the quarry?
   A. South East
   B. North West
   C. South West
   D. North East

3. People from Raye district are LIKELY to suffer from one of the following diseases. Which one?
   A. Tuberculosis
   B. Malaria
   C. Rickets
   D. Kwashiorkor

4. What is the approximate length of the tarmac road on the map?
   A. 28km
   B. 30km
   C. 33km
   D. 36km

5. Which of the following shows that recreational services are provided in Kionyoo area?
   A. Tea factory
   B. Dispensary
   C. Social hall
   D. Post office

6. The climate of the North western part is LIKELY to be
   A. hot and dry
   B. cool and wet
   C. cool and dry
   D. hot and wet

7. Kionyoo area is LIKELY to be headed by a
   A. district commissioner
   B. governor
   C. chief
   D. district officer

8. Which one of the following communities is NOT a mande speaker?
   A. Soninke
   B. Malinke
   C. Bambara
   D. Serer

9. Which one of the following rivers form the largest delta at its mouth?
   A. Niger
   B. Nile
   C. Tana
   D. Ewaso Nyiro

10. Below are descriptions about a community in Eastern Africa:
    (i) Was ruled by hereditary chiefs
    (ii) Some chiefs used mercenaries
    (iii) Participated in long distance trade
         The community described above is
   A. Baganda
   B. Nyamwezi
   C. Abawanga
   D. Ameru

11. Which one of the following lakes was NOT formed as a result of ice erosion?
    A. Teleki
    B. Gallery
    C. Paradise
    D. Hanging

12. Which one of the following towns in Eastern Africa receives convectional type of rainfall?
    A. Dar es salaam
    B. Dodoma
    C. Juba
    D. Kericho
13. The **MOST** serious threat to the tourism sector in Kenya is
   A. poaching
   B. inadequate tourist attractions
   C. poor roads
   D. insecurity

14. Which one of the following mountains was formed when land between two faultlines was uplifted?
   A. Atlas
   B. Pare
   C. Mfumbiro
   D. Tiberi

15. All the following types of fish are caught in the oceans and seas of Africa EXCEPT one. Which one?
   A. Tilapia
   B. Tuna
   C. Kingfish
   D. Mackerel

16. The largest relief region in Africa is the
   A. highland region
   B. plateau region
   C. coastal plains
   D. rift valley

17. Which one of the following factors **MAINLY** influences the climate of the western part of Namibia?
   A. Winds
   B. Relief
   C. Altitude
   D. Ocean currents

18. Which one of the following physical features borders Africa to the north?
   A. Red sea
   B. Mediterranean sea
   C. Indian ocean
   D. Atlantic ocean

19. Which one of the following minerals is used to make cans, toothpaste, strengthens steel and aluminium?
   A. Flourspar
   B. Diatomite
   C. Limestone
   D. Salt

20. The part marked K is known as
    A. an anticline
    B. a fold
    C. a syncline
    D. a mountain

21. Which one of the following mountains was NOT formed through the process shown above?
    A. Atlas mountains
    B. Cape ranges
    C. Drakensberg mountains
    D. Mt. Cameroon

22. All the following are communities living in Central Africa EXCEPT one. Which one?
    A. Baluba
    B. Wolof
    C. Yao
    D. Shona

23. The Nile valley in Sudan and southern Egypt is densely populated **MAINLY** because it
    A. has fertile soils that support farming
    B. is served by good roads
    C. has the best irrigation schemes in Africa
    D. consists of major towns
24. The following are human made lakes in Africa. Which one is NOT?
A. Kainji
B. Kariba
C. Tana
D. Nasser

25. Which one of the following communities belongs to the Mijikenda speakers of coastal Kenya?
A. Wadawida
B. Duruma
C. Pokomo
D. Waswahili

26. Which one of the following crops is MAINLY grown around Accra, Kumasi, and Takoradi in Ghana?
A. Pyrethrum
B. Tea
C. Sugarcane
D. Cocoa

27. All the activities that take place in a school everyday form school
A. routine
B. motto
C. programme
D. regulations

28. Which one of the following communities fought the Germans under the leadership of chief Mkwawa between 1891-1898?
A. Wanyamwezi
B. Wangoni
C. Wahehe
D. Wazaramo

29. The type of climate experienced in the shaded region is known as
A. equatorial climate
B. tropical continental climate
C. desert climate
D. mediterranean climate

30. Which one of the following statements is TRUE about the area marked A on the map? It
A. consists of mainly block mountains
B. receives high rainfall in winter
C. is near the Agulhas ocean current
D. is the hottest region in Africa

31. The multipurpose river project marked B is known as
A. Aswan High dam
B. Kariba dam
C. Tana River schemes
D. Akosombo dam

32. Which one of the following prominent leaders formed Chama Cha Mapinduzi in Tanzania?
A. Ali Hassan Mwinyi
B. Jakaya Kikwete
C. Julius Nyerere
D. Abeid Sheikh Karume
33. Which one of the following crops is **MAINLY** grown in the islands of Pemba and Zanzibar?  
A. Sisal  
B. Cloves  
C. Maize  
D. Cocoa  

34. Which one of the following River lake nilotes is found in Sudan?  
A. Nuer  
B. Labwor  
C. Langi  
D. Alur  

35. The **MAIN** tourist attraction in the highlands of Kenya is  
A. wildlife  
B. snow capped Mt. Kenya  
C. beaches  
D. escarpments  

36. Who among the following people advises the government on legal matters?  
A. Chief justice  
B. Deputy president  
C. Cabinet secretary  
D. Attorney general  

37. All the following communities are southern cushites EXCEPT one. Which one?  
A. Sanye  
B. Aramanik  
C. Rendille  
D. Sandawe  

38. Below are duties of a certain school administrator:  
(i) Secretary during staff meetings  
(ii) Incharge of discipline in the school  
(iii) A classroom teacher  
The administrator described above is a  
A. Headteacher  
B. Senior teacher  
C. Headboy  
D. Deputy headteacher  

39. Which one of the following was the **MAIN** reason for the construction of the Aswan High dam? To  
A. provide water for irrigation  
B. provide H.E.P  
C. resettle landless people  
D. control frequent flooding of River Nile  

40. Which one of the following water bodies is also a source of minerals in Kenya?  
A. Lake Victoria  
B. River Athi  
C. Lake Magadi  
D. Yala swamp  

41. One of the following practices will lead to lawlessness in the society. Which one?  
A. Fair distribution of resources  
B. Nepotism and favourism  
C. Hardwork and honesty  
D. Transparency and accountability  

42. In which one of the following areas would you NOT find mangrove vegetation?  
A. Durban in South Africa  
B. Mogadishu in Somalia  
C. Mombasa in Kenya  
D. Jinja in Uganda  

*Use the map of Kenya below to answer questions 43-45*
43. The town marked S which is a railway terminus is known as
   A. Bungoma
   B. Butere
   C. Kakamega
   D. Kisumu

44. The railway line shown on the map was built between __________ and __________.
   A. 1963, 1969
   B. 1884, 1885
   C. 1896, 1901
   D. 1888, 1895

45. The border town marked P is
   A. Mandera
   B. Garissa
   C. Elwak
   D. Moyale

46. A child born in Kenya to two Kenyan parents becomes a Kenyan citizen by
   A. registration
   B. naturalization
   C. election
   D. birth

47. The government official in charge of maintenance of justice in the traditional Buganda kingdom was
   A. Omwanika
   B. Omulumuzi
   C. Katikiro
   D. Ssaza

48. Which one of the following characteristics BEST suits the Ogaden region in Ethiopia?
   A. Rainfall is received in winter
   B. It has thick forests
   C. It is hot and dry throughout the year
   D. It is the main coffee growing area

49. The type of democracy that the citizens of Kenya practise is known as
   A. direct democracy
   B. representative democracy
   C. participatory democracy
   D. delegative democracy

50. Parliamentary debates in Kenya are chaired by the
   A. Speaker
   B. Attorney general
   C. Deputy president
   D. President

51. Which one of the following leaders is elected to represent a ward in the County Assembly?
   A. County representative
   B. Member of parliament
   C. Senator
   D. Women representative

52. The Great Trek in South Africa was carried out by one of the following communities. Which one?
   A. Khoikhoi
   B. Sati
   C. Zulu
   D. Boers

53. The day when Kenya became a republic is remembered every year as
   A. Madaraka day
   B. Mashujaa day
   C. Jamhuri day
   D. Independence day

54. Which one of the following minerals is mined using dredging method?
   A. Flourspar
   B. Soda ash
   C. Diatomite
   D. Limestone

55. The National Police Service is made up of two departments namely
   A. Kenya police and Defence forces
   B. Administration police and Kenya police
   C. Kenya navy and Kenya airforce
   D. Kenya airforce and Administration police
56. The Wanyamwezi had hereditary chiefs before the coming of the Europeans. These chiefs were known as
A. Wanyamphala
B. Kabaka
C. Nabongo
D. Ntemi

57. Which one of the following countries was the first one to gain independence in Eastern Africa?
A. Tanganyika
B. Uganda
C. Kenya
D. Djibouti

58. The highest court in the republic of Kenya is the
A. Court of appeal
B. High court
C. Supreme court
D. Senior magistrate court

59. The public service commission is a government body that appoints
A. police officers
B. civil servants
C. teachers
D. magistrates

60. Who among the following government officers is in charge of governance in the county?
A. County executive committee member
B. County governor
C. Speaker of the county assembly
D. Member of the county assembly

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SECTION A

CHRISTIAN RELIGIOUS EDUCATION

61. God created man out of love. Which one of the following explains the MAIN reason as to why God created man?
   A. To name all the animals
   B. To share in the moral value of God
   C. To enjoy God’s creation
   D. To multiply and fill the earth

62. According to Exodus 6:28-30, who among the following people was given the ability to do every kind of artistic work?
   A. Moses
   B. Bezalel
   C. Paul
   D. Timothy

63. Who among the following did God appear to while attending his father-inlaw’s flock?
   A. Moses
   B. Jeremiah
   C. David
   D. Aaron

64. Which one of the following events took place in the life of Abraham when he was 175 years old?
   A. He was circumcised
   B. He bore a son Isaac
   C. He died
   D. He was called by God

65. When Moses killed an Egyptian, he escaped to one of the following places. Which one is it?
   A. Egypt
   B. Midian
   C. Haran
   D. Canaan

66. Which one of the following kings of Israel went against God’s wish by performing priestly duties?
   A. David
   B. Ahab
   C. Solomon
   D. Saul

67. The strongest judge of Israel who was tricked by Delilah and was killed by the Philistines was known as
   A. Samson
   B. Othniel
   C. Gideon
   D. Samuel

68. One way in which Christians should improve their abilities at work is by
   A. reading the Bible
   B. working independently
   C. being always late for work
   D. being diligent at work

69. Which one of the following Books of the Bible gives the prophecy of the second coming of Jesus Christ?
   A. Isaiah
   B. Matthew
   C. Revelation
   D. Acts

70. Three of the following are qualities of a good leader. Which one is NOT?
   A. Confident
   B. Impatient
   C. Honesty
   D. Purity

71. Which one of the following commandments was broken by Cain according to Exodus 20:13?
   A. Do not covet
   B. Do not murder
   C. Observe the sabbath and keep it holy
   D. Do not steal

72. Which disciple of Jesus Christ left his office and followed Jesus to be his disciple?
   A. Simon
   B. Thaddeus
   C. Nathaniel
   D. Levi

73. How did Mary learn she would have a son?
   A. God spoke to Jesus in a vision
   B. The shepherds informed her
   C. An angel appeared to her and informed her
   D. Her cousin Elizabeth told her

74. The ability to make the right judgement in a situation at any given time is known as
   A. discernment
   B. contentment
   C. integrity
   D. justice
75. According to the teachings of Jesus, those whose greatest desire is to do what God requires will
   A. receive what God has promised
   B. be satisfied fully
   C. obtain mercy
   D. be called God’s children

76. Who among the following disciples of Jesus were given the name Boarnages by Jesus?
   A. Simon and Andrew
   B. Philip and Thomas
   C. James and John
   D. Matthew and Judas

77. In which of the following places did Jesus Christ begin His ministry?
   A. Bethany
   B. Jericho
   C. Nazareth
   D. Carpenaum

78. Which one of the following parables of Jesus Christ teaches about the value of the kingdom of God?
   A. Parable of the growing seed
   B. Parable of the Hidden treasure
   C. Parable of the sower
   D. Parable of the mustard seed

79. Who was called by God to preach the good news to the territory of the Gentiles?
   A. Paul
   B. Philip
   C. Peter
   D. Stephen

80. Who among the following prophets confirmed that a king would be born in Bethlehem?
   A. Micah
   B. Isaiah
   C. Elijah
   D. Jeremiah

81. Which one of the following events took place in Joppa?
   A. Peter raised Tabitha
   B. Peter healed Aeneas
   C. Peter and John healed a lame man
   D. Paul healed a lame man

82. Which miracle was performed by prophet Elisha?
   A. Prayed for fire from heaven
   B. Multiplied oil and flour
   C. Multiplied oil
   D. Healed a blind man

83. Which one of the following events is celebrated by the Christians to prepare themselves for the death and resurrection of the Messiah?
   A. Advent
   B. Lent
   C. Palm Sunday
   D. Feast of unleavened bread

84. Who were the parents of Samuel?
   A. Amram and Jochebed
   B. Ruth and Boaz
   C. Hannah and Elkanah
   D. Zachariah and Elizabeth

85. Which fruit of the Holy Spirit does a person who is calm and non-violent possess?
   A. Goodness
   B. Kindness
   C. Love
   D. Gentleness

86. The specialist who was consulted in case of drought in traditional African societies was known as?
   A. Rainmaker
   B. Diviner
   C. Priest
   D. Seer

87. In traditional African societies, the youth were mainly taught moral values by the?
   A. Teachers
   B. Parents
   C. Priests
   D. Peers

88. The act of offering prayers in African Traditional religion was performed by one of the following. Which one is it?
   A. Witches
   B. Rainmakers
   C. Priests
   D. Medicine men

89. When celebrating the breaking of bread one should show one of the values below. The value is
   A. Intolerance
   B. Impatience
   C. Pride
   D. Humility

90. Who among the following people lacked integrity in the Bible due to his action?
   A. Gehazi
   B. Nathan
   C. Elisha
   D. The little Israelite girl
SECTION B

ISLAMIC RELIGIOUS EDUCATION

61. Which historical event in the history of Islamic beliefs happened in the night of Lailatul Qadar?
   A. The world was created
   B. The prophet was born
   C. Swalah was given out
   D. The holy Qur'an was revealed

62. Among three holy places where revelation of holy scriptures took place, which one is referred to as, “The city of Security”?
   A. Madinatul Munawwara
   B. Makkat-ul-Mukarrama
   C. Jerusalem city
   D. The Mount Sinai

63. Surah Bayyina classifies the people of the book and the people who pray to other beings in association to Allah, in one group:
   A. Kaafiruns
   B. Answaars
   C. Muusriiqin
   D. An-Naas

64. Why will the earth reveal secrets of man on the day of Qiyaama?
   A. As it will be commanded by Angels Raqib and Atid
   B. Because it will not be happy with what man deed.
   C. Because it will be inspired by Allah
   D. Since man will not be allowed to talk

65. Who reminded the prophet (p.b.u.h) that he had given many favours?
   A. The Qureish leaders
   B. Allah (S.W)
   C. His wife lady Khadija
   D. The Angel Jibril (A.S)

66. The prophet (p.b.u.h) urged muslims to think before they act and if in doubt they should
   A. give it a trial
   B. say dua and do it
   C. compare with similar things
   D. avoid completely

67. Allah (s.w) is the provider, and on the same he directed man to eat and drink and avoid
   A. extravagance    B. complaining
   C. admiring         D. begging

68. From the prophets traditions we learn the following occasions when Muslims sins shed.
   Which one is NOT among them?
   A. When we perform consecutive Jum’a prayers
   B. When we eat a bad deed with a good one
   C. When udalu water drops from our bodies
   D. When we bathe in a river full of water

69. There is only one type of Ibaada whose truth and reward is only known by Allah (s.w). Which one?
   A. Zakkat
   B. Swalah
   C. Swaam
   D. Hajj

70. The following are teachings of Islam on toileting manners. Which one is NOT?
   A. Carry with you cleansing water
   B. Pause three times
   C. Face away from Qibla
   D. Hide away from peoples’ sight

71. Muslims are guided to fast on Thursdays meditating on
   A. the birth of the prophet (p.b.u.h)
   B. the ascend of their deeds to Allah (s.w)
   C. the attempt of Fir’an’s army to capture unmat Musa (A.S)
   D. the attempt of Abraha’s army to demolish the holy kaaba

72. The main Hajj Ibaada is undertaken only once in a lifetime. However if one makes it to do it repeatedly then the extra trips are called
   A. Sunna
   B. Mandaub
   C. Tagat
   D. Umra

73. Which one of the following is a pair of Sunna prayers that are performed frequently?
   A. Sunna Kusuf and Khusuf
   B. Sunna Tahajjud and Taraneeh
   C. Sunna Qabiliya and Baadiya
   D. Sunna Istisqa’a Istikhaara

74. All the following are impure situations that force one to have Ghusul, EXCEPT one. Which one?
   A. Najis Mughalladha
   B. Janaba
   C. Nifaas
   D. Heidh

75. Fasting in the month of Ramadhan is accompanied with a day in whose ibadah has rewards beyond 84 years. On which date could be this?
   A. 7th Ramadhan
   B. 27th Ramadhan
   C. 17th Ramadhan
   D. 1st of Shawwal

76. We ask Allah (s.w) for all these items in the dua that follows ablution, EXCEPT
   A. forgiveness of sins
   B. cleanliness
   C. acceptable salah
   D. good servanthood

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77. Among the many bounties of Allah are the following. Which one is **WRONGLY** expressed?
   A. Accept your Muslim brother's invitation
   B. Control your mouth, tongue and private organs
   C. Be mindful and visit the sick
   D. Use your power to fight all non-Muslim faithfuls

78. The **MAIN** reason why Muslims should avoid drinking alcohol is
   A. it changes the brains that makes you lose morals
   B. Allah(s.w) declared it Haraam
   C. it is the mother of all evils
   D. it mainly contributes in finance extravagance

79. "The bravest amongst you is the one who can control himself during anger and the most humble is that who forgives when he has the ability to revenge" This hadith teaching calls for _______ among Muslims:
   A. amnesty
   B. piouiseness
   C. reliance
   D. patience

80. **It is a sunna prayer**
   It has two Khutbas
   It has two Rakaats
   It is performed in the morning
   It is also a *Jama'a* prayer

This description is for the salaat
A. Idd
B. Fajr
C. Jum’a
D. Musaafir

81. Which one of the following things that happened in the life of Nabii Musa (A.S) was a miracle?
   A. Surviving in the Fir’aun palace
   B. Marrying Nabii Shuaibs daughter
   C. Killing of an Egyptian
   D. Migrating to Madyan

82. What is the meaning of the term "**Tawakul***?"
   A. Fear of Allah
   B. Persistence in Islamic faith
   C. Reliance on Allah
   D. Confidence in Islamic faith

83. The prophet's teaching on hospitality says that; "He who believes in Allah and the last day of Qiyamah should
   A. mind about his neighbour
   B. provide his visitor comfort
   C. should join relationship with relatives
   D. select a pious friend

84. There are _______ sacred months in the Islamic calendar.
   A. six
   B. twelve
   C. four
   D. two

85. There are three options in controlling evil in the Islamic society. Which one is the weakest of Imaan?
   A. Evading the evil
   B. Use of a hand
   C. Use of tongue
   D. Hating in heart

86. During which expedition did three hundred men turn away and back from the prophet's army?
   A. The Uhud
   B. The Badr
   C. The Fat-hul Makka
   D. The Khandak

87. The communities which united to foster brotherhood and were called a common name "Answaars" were
   A. The Qureish and their neighbours
   B. Aus and Khazraj
   C. The Thaqif and Muslims converts
   D. The Jewish and Christian monks

88. Which one among these functions is Halal but most hated by Allah (s.w) in the Islamic community?
   A. Eddah
   B. Nikah
   C. Twalaq
   D. Apostacy

89. In the Hudaibiya treaty, the parties had schemed to enjoy peace for a period of the next _______ years.
   A. fifteen
   B. ten
   C. five
   D. twenty

90. Which historical function took place in the month of Rajab?
   A. Isra wal Miraj
   B. Milad-un-Nabi
   C. Fat-hul-Makka
   D. Hijra
READ THESE INSTRUCTIONS CAREFULLY

1. You have been given this 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.
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 questions 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:
15. Which one of the following methods of preserving food is both modern and traditional?
   A. Salting
   B. Using honey
   C. Drying
   D. Smoking
   The correct answer is C (Drying)

On the answer sheet:
   5  A  B  C  D  I  15  A  B  C  D  I  25  A  B  C  D  I  35  A  B  C  D  I  45  A  B  C  D  I

In the second set, 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.

This question paper consists of 8 printed pages.

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TURN OVER
1. Cross pollination is the transfer of pollen grains from
   A. the anthers to the stigma in the same flower.
   B. the anthers to the stigmas of another flower in the same plant.
   C. the anthers to the stigma of another flower on a different plant of the same type.
   D. the anthers to the stigma of another flower on a different plant of a different kind.

2. One of the following methods of grazing can be practised by using permanent fences. Which one?
   A. Paddocking
   B. Tethering
   C. Strip grazing
   D. Stall feeding

3. Which one of the following is the LEAST factor to consider when obtaining medicine from a pharmacy?
   A. The date of expiry
   B. The date of manufacture
   C. The dosage
   D. Conditions for storage

4. The list below shows physical and emotional changes experienced by adolescents today.
   (i) Feeling shy.
   (ii) Appearance of pimples on the face.
   (iii) Hips broaden
   (iv) Experiencing wet dreams
   Which one among these changes is a physical change experienced by boys and girls?
   A. (I)  B. (II)
   C. (III)  D. (IV)

5. Study the illustration below.

   ![Illustration](image.png)

   This illustration can be used to explain to a standard four child that;
   A. Liquids take the shape of the container
   B. Liquids exert pressure to all directions.
   C. Pressure in liquids is equal at the same level
   D. Pressure in liquids increases with increasing depth.

6. Insect pollinated flowers are less LIKELY to be
   A. Scented
   B. Winged
   C. Brightly coloured
   D. Large in size

7. Which one of the following is the 7th planet in the solar system?
   A. Uranus
   B. Jupiter
   C. Neptune
   D. Saturn

8. The following are functions of oxygen gas EXCEPT one. Which one?
   A. Burning
   B. Respiration
   C. Photosynthesis
   D. Germination of seeds
9. Which one of the following parts of a bean seed is NOT correctly matched with its function?

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Cotyledon</td>
<td>Stores food</td>
<td></td>
</tr>
<tr>
<td>B. Hilum</td>
<td>Attaches the seed to the mother pod</td>
<td></td>
</tr>
<tr>
<td>C. Micropyle</td>
<td>Allows for the passage of water and air</td>
<td></td>
</tr>
<tr>
<td>D. Radicle</td>
<td>Develops into shoot</td>
<td></td>
</tr>
</tbody>
</table>

10. The diagram below shows a model of a breathing system:

Which one of the above labelled parts PQR and S represents the diaphragm?

A. P  
B. Q  
C. R  
D. S

11. Which one of the following shows the correct channel of blood flow in the human heart?

A. Pulmonary artery → Pulmonary vein → Aorta → Venacava.  
B. Venacava → Pulmonary artery → Pulmonary vein → Aorta  
C. Aorta → Pulmonary vein → Venacava → Pulmonary artery.  
D. Pulmonary vein → Pulmonary artery → Aorta → Venacava

12. Which one of the following immunisable diseases is administered by giving an oral drop?

A. Polio  
B. Measles  
C. Tetanus  
D. Whooping cough

13. Persistent cough, sweating at night, fever and loss of weight are signs and symptoms of one of the following diseases. Which one?

A. Malaria  
B. Cholera  
C. Typhoid  
D. Tuberculosis

14. Which one of the following shows a pair of storage pests only?

A. Rats and aphids  
B. Cutworms and stalk borers  
C. White ants and weevils  
D. Moles and weaver birds

15. Which one of the following methods of food preservation preserves food by removing water?

A. Drying  
B. Smoking  
C. Using low temperature  
D. Freezing
16. The main function of red blood cells in the human body is to
A. fight germs
B. clot blood
C. transport oxygen
D. carry food

17. The illustration below shows a classification table on plants

```
Plants
  Green plants
    Flowering
    Non-flowering (W)
  Non-green plants
```

Which one of the following plants will belong to the group of plants shown by letter (W) above?
A. Maize
B. Acacia
C. Sisal
D. Fern

18. Which one of the following is NOT a characteristic of all mammals?
A. Are warm blooded.
B. Body covered by hair or fur.
C. Give birth to a live young one.
D. Feed young one on milk

19. A group of girls in standard four took fresh garden soil and put it in a glass containing clear water to carry out an experiment. If they were investigating the presence of air in the soil, what mistake did they make?
A. Using soil from the garden.
B. Using fresh soil.
C. Putting water first in the glass instead of soil first.
D. Using a glass instead of using a tin

20. The illustration below shows how matter can change from one state to another.

```
Solids
  X
  Liquids
  Gases
```

What process takes place at the point labelled X?
A. Condensation
B. Melting
C. Freezing
D. Evaporation

21. Which one of the following substances have definite mass?
A. Solids only
B. Liquids only
C. Gases only
D. Solids, liquids and gases

22. Radiation is a method of heat transfer in
A. solids only.
B. liquids only.
C. gases only.
D. gases and liquids
23. The following are characteristics of soils:

(i) Sticks when wet
(ii) Large air spaces
(iii) Good for modelling
(iv) Good for farming

Which of the above characteristics best describe the soil that can be obtained from a river bed?
A. (i) and (iii)
B. (iii) and (iv)
C. (iii) only
D. (ii) only

24. Which one of the following is NOT an oil crop?
A. Cotton seeds
B. Cocoa
C. Coconut
D. Cashewnuts

25. Which one of the following is NOT a recreational use of water?
A. Surfing
B. Swimming
C. Fishing
D. Ferrying

26. Which farm produce do farmers get from cattle and goats?
A. Dairy milk
B. Mutton
C. Beef
D. Mohair

27. A child suffering from kwashiorkor should be fed on foods rich in
A. vitamins
B. proteins
C. carbohydrates
D. balanced diet

28. Which one of the following shows the correct order of HIV and AIDS stages on an individual?
A. Asymptomatic → window → full blown → symptomatic.
B. Full blown → asymptomatic → window → symptomatic
C. Window → asymptomatic → symptomatic → full blown
D. Window → symptomatic → asymptomatic → full blown

29. Use the chart below to answer question 29.

Which one among the labelled parts PQR and S represents part of the air used by seeds during germination?
A. P
B. Q
C. R
D. S

30. Which one of the following types of erosion is a form of a landslide?
A. Sheet
B. Rill
C. Splash
D. Gully

31. Clothes on a clothes line will take the shortest time to dry when the weather is
A. Calm and cold
B. Windy and hot
C. Cold and windy
D. Calm and hot
32. Study the feeding relationship below
NOTE: The arrow points to the eater.

Maize
↓
Porcupine
↓
Wild cat
↓
Hyena

From the list of feeders shown above, which animal can be classified as a secondary consumer?
A. Porcupine
B. Wild cat
C. Hyena
D. None

33. Four groups in a standard six class were set to carry out an experiment on bending of light. Each group then carried a different experiment as explained below;
Rhino group: Immersed a ruler in a glass of clear water in a slanting position.
Simba group: Put water in a basin next to the window, put a mirror in the water to reflect light onto the wall.
Jumbo group: Put a small cup in a basin of water.
Tiger group: Put water in a tin and allowed it to come out in jets.

Which group did NOT carry out an investigation on refraction of light?
A. Rhino group
B. Simba group
C. Jumbo group
D. Tiger group

34. Below is an experiment set up by standard six pupils to investigate the conditions necessary for seed germination.

Which condition was being investigated in the experiment?
A. Air
B. Water
C. Soil
D. Oil

35. The diagram below shows a rain gauge ready for use.

The MAIN reason as to why the instrument is dug into the ground is to
A. avoid evaporation
B. make it firm
C. prevent soil from splashing into the contents.
D. withstand harsh outdoor weather conditions
36. Which one of the following parts of a bean seed allows water and air to enter the seed during germination?
A. Plumule  
B. Hilum  
C. Micropyle  
D. Testa

37. The following are factors that affect sinking and floating of a material EXCEPT ONE. Which one?
A. Material  
B. Weight  
C. Shape  
D. Size

38. In which part of the digestive system does the digestion of starch take place?
A. Stomach  
B. Mouth  
C. Small intestines  
D. Large intestines

39. Which one of the following is the BEST name given to the part of the flower shown below?

![Flower Diagram]
A. Pistil  
B. Stamen  
C. Calyx  
D. Anther

40. Three of the following immunisable diseases can be controlled by administering a DPT vaccine. Which one CANNOT?
A. Diptheria  
B. Whooping cough  
C. Tetanus  
D. Polio

41. Which one of the following nails will produce the highest sound when struck with a metal rod?
A. W  
B. X  
C. Y  
D. Z

42. Which one of the following types of teeth is INCORRECTLY matched with its function?

<table>
<thead>
<tr>
<th>Cutting and biting</th>
<th>Crushing and grinding</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.</td>
<td>B.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Holding and biting</th>
<th>Chewing and grinding</th>
</tr>
</thead>
<tbody>
<tr>
<td>C.</td>
<td>D.</td>
</tr>
</tbody>
</table>
43. Materials which CANNOT allow light to pass through them and one cannot see through them are said to be
A. Opaque
B. Transparent
C. Insulators
D. Translucent

44. When investigating capillarity in soils, one should NOT have
A. same amount of soils.
B. same type of soils.
C. same amount of cotton wool.
D. same size of test tubes.

45. The degree of hotness or coldness of a given area is its
A. Altitude
B. Weather
C. Climate
D. Temperature

46. One of the following is a social effect of drug abuse. Which one?
A. Poor judgement
B. Slurred speech
C. Truancy
D. Mental instability

47. Which one of the following show a list of major components of the environment only?
A. Air, water, light and soil.
B. Sound, light, heat and food.
C. Air, soil, water and plants.
D. Plants, animals, air and buildings

48. Which one of the following is a storage pest?
A. Aphid
B. Weevils
C. Cutworm
D. Weaver bird

49. Which one of the following practices can be carried on the farm to control both internal and external parasites on livestock?
A. Deworming
B. Rotational grazing
C. Spraying
D. Dipping

50. The unit measure for force is
A. grams
B. newtons
C. joules
D. kilograms

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Get busy with Jesma Homework
SOMA KWA MAKINI MAAGIZO YAFUATAYO

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**

7. Usitie alama zozo tye ya visanduku.
8. Iweke safi karatasi yako ya majibu.
10. Kwenye karatasi ya majibu, jibu sahihi lionyeshe kwa kuchora kistari katika visanduku chenyen herufi uliyochagua kuwa ndilo jibu.

Mfano
Katika kijitabu cha maswali:

11. Kamiliisha methali: Mwenda pole
    A. hafiki
    B. haanguki
    C. hajikwai
    D. hafanikiwi
    Jibu sahihi ni C

    Katika visanduku vinavyoonyesha majibu ya swali namba 11, kisanduku chenyen herufi C ndicho kilichochorwa kistari.

12. Kwa kila swali, chora kistari katika kisanduku kimoko tu kati ya visanduku vinne ulivyopewa.

Kitabu hiki cha maswali kina kurasa 7 zilizopigwa chapa
Watahiniwa ni lazima wahakikishe kuwa kurasa zote za karatasi ya mtihani zimepigwa chapa sasawasa na kuwa maswali yote yamo.

Siku hiyo jua 1 kuchomoza miale 2 asubhi na mapema. Upepo mwanana 3 na kuifanya siku iwe ya 5 kwa fani za michezo. Mashindano ya kutembea kasi 6 yaliyoanza, 7 na mashindano ya kukimbia ndani ya magunia. Mbio hizo 8 mno wote waliogohudhuria.

1. A. ulianza  B. ilianza  C. lilianza  D. lilianzisha
2. A. yake  B. zake  C. wake  D. zao
3. A. ilivuma  B. ulifuma  C. ulichomoza  D. ulivuma
4. A. enyewe  B. yenycwe  C. yene  D. lenyece
5. A. kipekee  B. peke  C. pekee  D. poa
6. A. ndio  B. ndipo  C. ndiyo  D. ndiye
7. A. ikafuatwa  B. yakafuatiwa  C. yakafuatawa  D. yakafutana
8. A. zilishcherekekwa  B. ziliwadunisha  C. ziliwafedhehesha  D. ziliwafuralisha


9. A. lalote  B. yoyote  C. wowote  D. lote
10. A. hutega  B. hutengana  C. hutegemea  D. hutengea
11. A. vyake  B. wake  C. yake  D. zake
12. A. wenyewe  B. vyenye  C. lenye  D. wenyenye
13. A. kubwa  B. ndogo  C. madogo  D. makubwa
14. A. thabiti  B. dhabiti  C. hatifu  D. nzuri
15. A. lenge  B. jukuunu  C. wajibu  D. nia
Kati ya maswali 16 - 30, chagua jibu sahihi kulungana na maagizo uliyopewa.

16. Ukiambiwa k waheri, utajibu
   A. asante
   B. inshallah
   C. tuutaonana tena.
   D. ya kuonana

17. Kipofu __________ aliikata kidole.
   A. chenyewe
   B. mwenye
   C. mwenyewe
   D. yenyewe

18. Kamilisha methali: Jungu kuu
   A. halikosi ukoko
   B. lapika vizuri
   C. hupika vyema
   D. halikosi ugalii

19. Utakapofika; tafadhali tupigie simu. "po" imetumika kuonyesha
   A. maturajio
   B. wakati
   C. mahali
   D. sababu

20. Ndugu wa kike wa baba ni
   A. shangazi
   B. binamu
   C. mpwa
   D. wifi

21. Chagua sentensi iliyo sawa kisarufi
   A. Mahali pale kwenyewe ndi po mmefagiliwa
   B. Mahali mle mwenyewe ndi po pamefagiliwa
   C. Mahali kule kwenyewe ndi po kumefagiliwa
   D. Mahali pale penyewe ndi po pamefagiliwa

22. Ni salamu ipi ambayo si ya wakati wowote?
   A. Sabakkeri
   B. Hamjambo
   C. Waambaje
   D. Cheichei

23. Mwalimu mgeni amepoti leo shuleni. Neno lililopigiwa mstari ni
   A. kiashiria
   B. kivumishi
   C. kitenzi
   D. kielezi

24. Walipokuwa wakisoma, chakula kilifletwa mezani 'ki' imetumika kuonyesha
   A. masharti
   B. wakati
   C. udogo
   D. kielezi

25. Jua ni juvya kama vile ogopa ni
   A. ogopana
   B. ogovya
   C. ogofya
   D. ogopesh

   A. Uzalendo ni kitu adhimu
   B. Ni.photo shilingi kumi nitumikia
   C. Batamzina alichinjiwa jana
   D. Genge la wezi liliyamia jana

27. Wingi wa: Uyoga wako umeliwa na seremala
   A. Uyoga wao umeliwa na maseremala
   B. Uyoga zao umeliwa na maseremala
   C. Uyoga wao umeliwa na seremala
   D. Mayoga wao umeliwa na maseremala

28. Chagua maneno ya kipenzi katika ngeli ya Li-Ya
   A. jino, shauri, kichwa, uva
   B. gari, umbo, pazi, jiko
   C. upishi, blanket, ubua, ucle
   D. ubavu, udevu, uzi, uso

29. Chagua kundi lenye viunganishaji pekee
   A. Lo! Alas! Aah! Ewaa!
   B. Juu ya, baada ya, chini ya
   C. Ila, iwapo, wa, au
   D. Cheza, lia, oga, lala

30. Fundi wa kutengeneza vitu vya mapambo kwa dhahabu ni
   A. seremala
   B. sogora
   C. sonara
   D. mhunzi
Soma habari hii kisha ujibu maswali 31 – 40

Ulimwengu wa sasa umeshuhudia janga jingine la maradhi ya Ebola. Hata kama goniwa hili halijakita mizizi kama ndugu yake UKIMWI, linashinda maisha ya binadamu hata kabla ya siku ya kiyama kufika. Kwa vile hatujui mengi kuhusu zimwi hili, ebu tutaje machache kuhusu ugonjwa wa UKIMWI.


Aidha goniwa hili linaweza kuambukizwa malaika kupitia maziwa ya mama zao wale tayari wana virusi hivi. Hi ni wazi kuwa mama anaponyonesha mtoto bila kujua kama ameathirika, hujikuta amesambaza ugonjwa huu kwa kiwungu hiki kisicho joua mbele wala nyuma.

Kule hospitalini, matao kuwa wanaotumia kampuni goniwa mwingine bila damu yake kuchunguzwa ipasavyo. Ni sharti waichunguzie damu yoyote hata kama mgonjwa yule yu katika halii mahututi ina paswa asubiri kwa sababu subira huyuta heri.


Ni jukumu letu basi kama viangozi, wazazi, walimu na wanafunzi wenzangu kujihadhari kabla ya athari ili jami yetu ikue kwa njia mwafaka na kuendelea kujenga nchi yetu daima dawamu.
31. Kulingana na aya ya kwanza, mwandishi anasema
   A. Ebola ndilo janga la pekee ulimwengu
   B. ulimwengu haujashuhudia majanga mengine
   C. hili ndilo janga la kwanza humu nchini
   D. kulikuwa na majanga mengine hapo awali

32. Mwandishi hajatucleza mengi kuhusu Ebola kwa sababu
   A. siku ya kiyama haijulika
   B. ni ugonjwa ambao unatisha sana
   C. hafahamu mengi kuhusu ugonjwa huu
   D. anangoja likite mizizi kama UKIMWI

33. Ni miongo mingapi imepita tangu maradhi ya UKIMWI yagunduliwe humu nchini?
   A. 3
   B. 30
   C. 4
   D. 31

34. Ni kifaa kipiti kati ya hivi hakina ncha kali?
   A. Sindano
   B. Wembe
   C. Mkuki
   D. Mfuko

35. Vijana wanatumia dawa za kulevya ili kutekeleza wajibu wao. Hii ina maana kuwa
   A. vijana wote ni sharti wazitumic
   B. dawa hizi hutawala mawazo yao
   C. dawa hizi zinapendza zaidi kiafya
   D. dawa hizi zinawafaa vijana wote

36. Mwandishi ametumia neno malaika numaanisha
   A. kiumbwe kutoka mbinguni
   B. watoto wandogo sana
   C. nywele zipatikanazo mwili
   D. watoto bado hawajazaliwa

37. Malipo yatolewayo kwa kumtoa mtu damu huitwa
   A. kiingilio
   B. folo
   C. arshi
   D. ushuru

38. Mgonjwa kuwa katika hali mahututi ni sawa na kusema
   A. amepona kabisa
   B. amepata ashikeli
   C. ameaga dunia
   D. yu mgonjwa sana

39. Ni methali ipi kati ya hizi si ya kutahadharisha
   A. mchovya asali hachovi mara moja
   B. kinga ni bora kuliko tiba
   C. subira huvuta heri
   D. jungu kuu halikosi ukoko

40. Kichwa kinachoofaa habari hii ni
   A. Jihadhari kabla ya athari
   B. Magonjwa hospitalini
   C. Magonjwa ya Ebola na UKIMWI
   D. Jukumu la viongozi
Kenya kama nechi nyonge inasemekana kuwa idadi ya ngoma zinazorekodiwa inaongezeka maradufu kilipa uchada: Seketi hii ya muziki inacendelea kuimarika kiasi kwamba taifa letu linaendelea kutambulikana kwa muziki bora kama vile Angola, Afrika Kusini na Kongo.

Hata hivyo baadhi ya wanamuziki chipakizi wamesikika wakilalamika kuwa yamkini nia yao ya kuweka Kenya katika ramani ya mataifa yanayosifika kimuziki ikasalila kuwa ndoto ipate kazi yao haitachukuliza kwa umuhimu mkubwa na serikali.

Kwa mfano inasemekana ujifudi unechukua mkondo mpya kwa sababu baadhi ya wacheza muziki redioni au katika runinga wanatamia njia za mkato kuwa muziki yao. Hivyo basi hawapati faida ya jasho lao.

Mmoja wa wasanii wa muziki amesema kuwa wanamuziki wanadhulumiwa na hawapewi haki yao. Mara nyingi wanarcheza muziki hawakwambii waziwazi uotec pesa bali wanakuachia wewe kuelewa lugha na matendo kutaka kitu kidogo.

Kando na malalamiko haya, serikali inawahimiza wanamuziki wasiwe na pupa ya kurekodi kazi ambayo haijakuwa tayari ili iwe bora na kupendeza zaidi. Kuna mipango mahususi inayopangwa kuwapeleka baadhi ya wanamuziki ufuransa na mataifa kadha ya Africa ili kujelimisha zaidi jinsi wanavyoweza kujiendeleza kimuziki. Mipango hii ikikamilika, kutakuwa na mwamko mpya na kelele hizo zote zitawea kuungua.
41. Idadi ya ngoma zinazorekodiwa
inaongezeka maradufu... inamaanisha
A. inaongezeka mara mbili
B. inapungua zaidi
C. inaongezeka mara kumi
D. inaongezeka mara moja

42. Mataifa yaliyotajwa hutumbulikana kwa sababu ya
A. kuwa marafiki wa Kenya
B. ukuaji wa uchumi
C. kuwa na madini mengi
D. uchezaji muziki nzuri

43. Katika aya ya pili mwandishi anasema
A. ndoto yao inaendelea vizuri
B. ndoto yao inadidimia mmo
C. kuna matumaini kupitia muziki
D. wanafurahia kuwa katika muziki

44. 'Kitu kidogo' kinaweza pia kuitwa yote haya ilia
A. hongo
B. chai
C. muziki
D. rushwa

45. Wanamuziki wanaelekeza malalamiko yao kwa
A. wazazi
B. wateja
C. wananchi
D. serikali

46. Wanamuziki chipukizi ni wale
A. wanaaanzu kujitokeza kimuziki
B. waliobeba kimuziki sana
C. hawapendi muziki kamwe
D. wanaotaka kuhongwa sana

47. Serikali imewaonya wanamuziki wasiwe na pupa kukimbilia kurekodi kwa sababu
A. mataifa mengine hayatawaruhusu
B. haina pesa ya kuwalipia gharama
C. kiwango cha muziki wao ki chini
D. Kenya si nehi ya muziki

48. Ni taifa lipi ambalo si la bara la Africa?
A. Angola
B. Kongo
C. Uhabeshi
D. Ufaransa

49. Ni hatua gani serikali imechukua kukabiliana na tatizo hili?
A. kuwawecka wanamuziki vikwazo vya muziki
B. mipango ya kuwazuia wanamuziki kuendelea
C. mipango ya kuwapelecka wanamuziki nje kusoma
D. kuwafunga wote ambao wanashiriki hongo

50. Kichwa cha habari hii ni
A. Kipawa cha muziki
B. Wanamuziki wetu
C. Mwamiko mpya wa wanamuziki
D. Wanamuziki fisadi

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KISWAHILI
SEHEMU YA PILI:
INSHA

Muda: Dakika 40

<table>
<thead>
<tr>
<th>NAMBA YAKO YA MTIHANI</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>JINA LAKO</td>
<td></td>
</tr>
<tr>
<td>JINA LA SHULE YAKO</td>
<td></td>
</tr>
</tbody>
</table>

SOMA MAAGIZO HAYA KWA MAKINI

1. Kwenye nafasi zilizoachwa hapo juu andika namba yako kamili ya mtihani, jina lako na jina la shule yako.


Kijitabu hiki kina kurasa 4 zilizopigwa chapa.
Umepewa dakika 40 kuandika insha yako. Andika insha isiyopunguia ukurasa mmoja na nusu ukianza kwa maneno yafuatayo huku ukiifanya iwe ya kusimiuza zaidi.

Jambo tulilongojea hatimaye lilifika ..........................................................
ENGLISH
SECTION B:
COMPOSITION

Time: 40 minutes

READ THESE INSTRUCTIONS CAREFULLY

1. In the spaces provided above, write your full index number, your name and name of your school.

2. Now open this paper, read the composition subject carefully and write your composition on the lines provided.

This question paper consists of 4 printed pages.
You have 40 minutes to write your composition.

Below is the beginning of a story. Write and complete it in your own words making it as interesting as you can.

There was silence in the room when I got in. I started asking myself if I had really followed the map well.
<table>
<thead>
<tr>
<th>ENGLISH</th>
<th>KISWAHILI</th>
<th>MATHS</th>
<th>SCIENCE</th>
<th>SOCIAL STUDIES</th>
</tr>
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<tbody>
<tr>
<td>34. A</td>
<td>34. D</td>
<td>34. C</td>
<td>34. A</td>
<td>34. A</td>
</tr>
<tr>
<td>42. A</td>
<td>42. D</td>
<td>42. C</td>
<td>42. C</td>
<td>42. D</td>
</tr>
<tr>
<td>44. B</td>
<td>44. C</td>
<td>44. D</td>
<td>44. B</td>
<td>44. C</td>
</tr>
<tr>
<td>45. A</td>
<td>45. D</td>
<td>45. B</td>
<td>45. D</td>
<td>45. A</td>
</tr>
<tr>
<td>47. C</td>
<td>47. D</td>
<td>47. C</td>
<td>47. D</td>
<td>47. B</td>
</tr>
</tbody>
</table>