KCPE SOLUTION 2015
Standard Seven

MATHEMATICS

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 this question booklet.

HOW TO USE THE ANSWER SHEET

4. Use only 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 mark outside the boxes

8. Keep the sheet as clean as possible and do not fold it

9. For each of the questions 1-50 four answers are given. The answer 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 shown by drawing a dark line inside the box in which the letter you have chosen is written.

Example

14. Which number is divisible by 11?
A. 40821
B. 53434
C. 69725
D. 31437

The correct answer is 'A'

11. Your dark line MUST be written in the box

12. For each question ONLY ONE box is to be marked in each set of four boxes.

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005
1. Write seven million sixty three thousand and twenty in figures.
A. 7063020
B. 76320
C. 7630020
D. 76306020

2. What is the difference between the square of 26 and the square root of 1296?
A. 10     
B. 612    
C. 640    
D. 24336  

3. What is the smallest number that must be added to 181197 to make it divisible by 11?
A. 6     
B. 5     
C. 4     
D. 3     

4. Round off 50142 to the nearest ten thousand.
A. 600000
B. 600000
C. 0
D. 50000

5. What is the place value of digit 5 in the number 354762?
A. Hundreds
B. Tens
C. Ten thousands
D. 50000

6. The area of a square plot is 361 m². What is twice its length?
A. 19 m
B. 38 m.
C. 17 m
D. 24 m

7. A minibus carries 29 passengers in one trip. It makes 15 trips each day. Calculate the number of passengers it can carry in one week.
A. 435
B. 3045
C. 2175
D. 2610

8. Work out $\frac{4}{5} \times \frac{5}{12} + 2\frac{1}{2} \div \frac{5}{9}$
A. $1\frac{1}{3}$
B. $4\frac{5}{6}$
C. $1\frac{2}{3}$
D. $1\frac{2}{3}$

9. What is $1\frac{3}{16}$ as a decimal correct to 1 decimal place?
A. 0.81
B. 1.82
C. 1.9
D. 1.8

10. If $p = 3$, $q = 5$ and $r = 2$. Find the value of:
\[ pq - p + r \]
A. 14
B. 10
C. 8
D. 11

11. In the figure below, line AB is parallel to CD.

![Diagram of parallel lines with angle markings]

What is the value of the angle marked ‘y’?
A. 108°
B. 126°
C. 54°
D. 72°

12. What is the next number in the sequence?
1, 3, 7, 15, 31, ____,
A. 63
B. 46
C. 32
D. 64
13. Find the perimeter of the figure below.

\[(3x + 3) \text{ cm}\]
\[(2x + 4) \text{ cm}\]
\[(4x - 2) \text{ cm}\]

A. 24 cm
B. 18 cm
C. 64 cm
D. 127 cm

14. Wambugu, a std 4 pupil was rolling a wheel of diameter 42 cm. What distance did the wheel cover in 100 revolutions? \((\pi = \frac{22}{7})\)
A. 132 m
B. 66 cm
C. 132 cm
D. 66 m

15. What is the total value of digit 6 in the product of 54.26 and 3.7?
A. 0.006
B. Thousandths
C. Six hundredths
D. 200.06

16. Work out: \(\sqrt{39.1}\)
A. 1 \(\frac{1}{4}\)
B. 2 \(\frac{1}{2}\)
C. 6 \(\frac{1}{4}\)
D. 3 \(\frac{1}{8}\)

17. How many 250 g packets of sugar can be obtained from 2 tonnes of sugar?
A. 8
B. 800
C. 8000
D. 80

18. John's garden measures 800 m by 420 m as shown below.

420 m
800 m

Find the area of the garden in ARES.
A. 336000
B. 3360
C. 336
D. 33.6

19. What is 17 \(\frac{1}{2}\) % of 640 km?
A. 221 km
B. 11200 km
C. 112 km
D. 544 km

20. Decrease 180 by 10%?
A. 198
B. 162
C. 18
D. 170

21. Construct triangle ABC in which AB = 5 cm, angle ABC = 60° and line BC=6 cm. Join A to C. What is the measure of line AC?
A. 5.6 cm
B. 5.1 cm
C. 5 cm
D. 5.9 cm

22. What is the distance round the figure below given that O is the centre of the figure? \((\pi = 3.14)\)

A. 44 cm
B. 87.92 cm
C. 36 cm
D. 43.96 cm
23. Elijah bought 2 kg of sugar at sh 74.50, 2 \( \frac{1}{2} \) kg of meat at sh 80 and a bar of soap for sh 45.50. He paid his bill using two 200 shilling notes. What was his balance?
   A. Sh 80
   B. Sh 7.50
   C. Sh 75
   D. Sh 5 50

24. Convert 273.47 cm\(^2\) into cubic metres.
   A. 0.00027347 m\(^3\)
   B. 273470000 m\(^3\)
   C. 0.0027347 m\(^3\)
   D. 2734700 m\(^3\)

25. How many 10 cm long cubes can fit in the box below?

   ![Diagram of a box with dimensions 1 m x 1.2 m x 80 cm]

   A. 9600000
   B. 1000
   C. 960
   D. 9600

26. Brenda paid sh 1350 for an item after getting a discount of sh 150. What was the percentage discount?
   A. 12.5%
   B. 10%
   C. 11\( \frac{1}{2} \)%
   D. 20%

27. Find the value of: \[ 2.4 \times 0.042 \]
   A. 1.2
   B. 0.012
   C. 0.12
   D. 0.0012

28. A hare runs at a speed of 20 m/s. Express this in km/hr.
   A. 80 km/hr
   B. 72 km/hr
   C. 90 km/hr
   D. 18 km/hr

29. A train left Kisumu at 1850 hr. It took 5 hours and ten minutes to reach Nakuru. At what time did it reach Nakuru?
   A. 12 noon
   B. 12 midnight
   C. 6.00 am
   D. 7.00 am

30. The area of a rectangle is 108 cm\(^2\). What is the length of the diagonal if one side is 12 cm?
   A. 17 cm
   B. 14 cm
   C. 15 cm
   D. 13 cm

31. The average mass of 38 pupils is 45 kg. When the mass of two teachers is added, the average mass becomes 46.5. If the two teachers weighed the same, what was the mass of each teacher?
   A. 150 kg
   B. 80 kg
   C. 180 kg
   D. 75 kg

32. What is the size of the smallest angle in the figure below?

   ![Diagram of a triangle with angles labeled as x + 50°, 3x, and 2x - 20°]

   A. 75°
   B. 25°
   C. 55°
   D. 30°
33. Midigo spends $\frac{2}{3}$ of his income on clothing, $\frac{3}{10}$ on food and $\frac{1}{5}$ on other expenses and saves the rest. His income is sh 20000 a month. How much does he save?
A. Sh 900
B. Sh 6000
C. Sh 2000
D. Sh 4500

34. Find the area of the shaded part. ($\pi = \frac{22}{7}$)

35. Solve the equation: $\frac{1}{5}n - 4 = 16$
A. 100
B. 60
C. 4
D. 125

36. A boat is loaded with 825 bags of maize each weighing 90 kg. How big is this load in tonnes?
A. 74.25 T
B. 742.5 T
C. 74250 T
D. 7.425 T

37. Faith is $x$ years old. If the father is 18 years older than Faith, what is the sum of their ages?
A. $2x - 18$
B. $x + 18$
C. $2x + 18$
D. $x - 18$

38. A section of a road measuring 2.5 km is represented by 5 cm on a map. What is the scale of the map?
A. 1:50000
B. 1:5000
C. 1:250000
D. 1:500000

39. The diagram below represents a plot of Shadrack’s land.

- Diagram of a triangle with sides 25 m, 25 m, and 14 m

What is the area of the plot?
A. 175 m²
B. 84 m²
C. 336 m²
D. 168 m²

40. In the year 2013, a farmer harvested 1804 bags of maize. In the year 2014, the yields decreased by 456 bags. How many bags of maize did the farmer harvest in the two years?
A. 3152
B. 2260
C. 1348
D. 3085

41. A tank measures 3 m by 2 m by 1.5 m. What is its capacity in litres?
A. 9
B. 900
C. 90000
D. 9000

42. What is the product of the L.C.M of 12, 18 and 24 and the GCD of 28, 42 and 56?
A. 1008
B. 672
C. 86
D. 504

43. A clock shows 0300hr. What time was it 4 hours 15 mins before this time?
A. 11.15 pm
B. 11.15 am
C. 10.45pm
D. 10.45 am

44. Construct triangle ABC in which $AB = BC = AC = 7$ cm. Draw a circle that touches the vertices of the triangle. What is the radius of the circle?
A. 7 cm
B. 8.2 cm
C. 3.9 cm
D. 4.1 cm
45. The table below shows the number of children in the families in a certain village.

<table>
<thead>
<tr>
<th>No. of families</th>
<th>3</th>
<th>2</th>
<th>6</th>
<th>7</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of children per family</td>
<td>7</td>
<td>0</td>
<td>2</td>
<td>5</td>
<td>3</td>
</tr>
</tbody>
</table>

How many families have less than four children?
A. 1
B. 15
C. 4
D. 5

46. Which of the following is the odd one out?
A. Parallelogram
B. Trapezium
C. Cylinder
D. Rhombus

47. Write 0.037 as a percentage.
A. 37%
B. 0.37%
C. \(\frac{37}{1000}\%\)
D. 3.7%

48. What is the compliment of \(37\frac{1}{2}^\circ\)?
A. 52.5°
B. 152.75°
C. 52.75°
D. 42.75°

49. What is the value of: \(12 + 8 \times 3 - 16 \div 2\)
A. 22
B. 28
C. 26
D. 15

50. Which of the triangles below is isosceles?
A. \(\begin{array}{c}
6 \text{ cm} \\
8 \text{ cm}
\end{array}\)
B. \(\begin{array}{c}
16 \text{ cm} \\
12 \text{ cm} \\
12 \text{ cm}
\end{array}\)
C. \(\begin{array}{c}
4 \text{ cm} \\
9 \text{ cm} \\
12 \text{ cm}
\end{array}\)
D. \(\begin{array}{c}
15 \text{ cm} \\
15 \text{ cm}
\end{array}\)
SOLUTION

005

SOCIAL STUDIES AND RELIGIOUS EDUCATION

READ THESE INSTRUCTIONS CAREFULLY
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2. Do any necessary rough work in this booklet
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9. For each of the questions 1-90 answers are given. The answer are lettered A,B,C,D in each case only ONE of the four answers is correct. Choose the correct answer.
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Example
32. In the Buganda kingdom, the head of a clan was known as:-
   A. Kabaka
   B. Bataka
   C. Ssaza
   D. Lukiiko

The correct answer is 'B'

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

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

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005

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TURNOVER
Study the map of Kaka Area and use it to answer questions 1 to 7.

1. The Ginnery factory found in the Southern region of Kaka area is likely to process:-
   A. cotton
   B. coffee
   C. banana
   D. maize

2. The physical feature formed on river Thuci at the area marked Z is a:-
   A. river tributary
   B. river delta
   C. river confluence
   D. river estuary

3. Which one of the following is the MAIN food in Kaka area?
   A. Maize
   B. Cotton
   C. Rice
   D. Bananas

4. Which is the MAIN day of worship in Kaka town?
   A. Saturday
   B. Friday
   C. Sunday
   D. Wednesday

5. The main climate of the Southern region of Kaka area is:-
   A. hot and dry
   B. cool and wet
   C. hot and wet
   D. cool and dry

6. River Thuci flows from ______ to ______.
   A. North East to South East
   B. South East to North
   C. South West to North East
   D. South East to North West

7. Which one of the following economic activities is NOT important in Kaka area?
   A. Trading
   B. Cattle keeping
   C. Lumbering and mining
   D. Wildlife and tourism

8. The MOST senior judge in Kenya is the:-
   A. Chief Justice
   B. Attorney General
   C. Judges of the High Court
   D. Supreme Court

Use the diagram below to answer question 9.

9. Which one of the lakes below is an example of this formation?
   A. Lake Paradise
   B. Lake Tana
   C. Lake Chad
   D. Lake Kariba

10. Which one of the following countries is NOT a landlocked country?
    A. Niger
    B. Mali
    C. Zambia
    D. Congo

11. If the time in Dakar, 17°W, is 9.30 am, what is the time in Nairobi 30°E?
    A. 6.22 am
    B. 12.38 pm
    C. 10.17 am
    D. 8.43 pm

12. Three of the following mountains were formed as a result of faulting. Which one was NOT?
    A. Ruwenzori
    B. Danakil Alps
    C. Usambara
    D. Cape Ranges
13. Which one of the following plateaus is **CORRECTLY MATCHED** with the country in which it is found?
   A. Bie - Angola
   B. Fipa - Guinea
   C. Nyika - Tanzania
   D. Fouta Djallon - Nigeria

14. Which one of the following is largely influenced by presence of large water bodies?
   A. Orographic rainfall
   B. Formation of plateaus
   C. Convectional rainfall
   D. The altitude of a place

15. Which one of the following Ocean currents is cold?
   A. Canary
   B. Guinea
   C. Agulhas
   D. Somali

16. Below are characteristics of a climate:
   i) *It has cold and hot seasons*
   ii) *Heavy rainfall is experienced near the equator*
   iii) *Dry seasons are longer than the wet seasons*
   iv) *It receives rain in hot seasons*

   The above described climate is:-
   A. Equatorial climate
   B. Tropical continental
   C. Mediterranean climate
   D. Semi-desert climate

17. Which one of the following combinations of groups of people is **MAINLY** found in Western Africa?
   A. Hutu, Tutsi, Nyanja
   B. Bakongo, Ovambo, Herero
   C. Dinka, Amhara, Oromo
   D. Dagomba, Mossi, Bergu

18. The **MAIN** form of interaction among the Agikuyu and Maasai during pre-colonial period was:-
   A. games and sports
   B. employment
   C. intermarriage
   D. cultural exchange

19. Three of the following are importances of school administration. Which one is **NOT**?
   A. Planning school programmes
   B. Keeping important documents
   C. Receiving visitors in school
   D. Sacking lazy teaching staff

20. Which one of the following is **NOT** a characteristic of tropical rainforest?
   A. Trees are conical in shape
   B. Trees have broad leaves
   C. Trees are hardwood
   D. There is little undergrowth

21. Which one of the following types of migration is mainly influenced by the youth?
   A. Urban to rural
   B. Rural to urban
   C. Urban to urban
   D. Rural to rural

22. Which one of the following forms of marriage allows one to marry, at most, four wives at a time?
   A. Islamic marriage
   B. Christian marriage
   C. Civil marriage
   D. Customary marriage

23. Which one of the following political parties was formed first?
   A. KANU
   B. FORD
   C. KAU
   D. KADU

*Use the map of Africa below to answer questions 24 to 26.*
24. The river project marked X is constructed on river:-
   A. Niger
   B. Tana
   C. Zambezi
   D. Nile

25. Which one of the following statements is NOT TRUE about the shaded region marked Z?
   A. It is called Equatorial Climate
   B. The trees have broad leaves
   C. Much of the forests consist of cedar, pine and cypress
   D. The area has thick forest with little or no undergrowth

26. The type of winds marked K are known as:-
   A. westerlies winds
   B. southern winds
   C. harmattan winds
   D. southwest winds

27. Three of following are importance of the institution of marriage. Which one is NOT?
   A. To provide companionship
   B. To stop unfaithfulness among people
   C. To raise children
   D. To help each other

28. Which one of the following cocoa growing areas is NOT found along the cocoa triangular growing area?
   A. Accra
   B. Takoradi
   C. Kumasi
   D. Dunkwa

29. The main reason that encourages pastoral communities to raise large numbers of livestock is:-
   A. they are the main source of wealth
   B. the area has unreliable rainfall
   C. they are the main source of food
   D. there is large grazing area

30. Which one of the following river projects in Kenya is the MAIN power producer?
   A. Gita:- dam
   B. Masinga dam
   C. Kiambere dam
   D. Kaburu dam

31. Which one of the following types of forests is mainly found on the coastal salty waters?
   A. Temperate forest
   B. Mediterranean forest
   C. Mangrove forest
   D. Tropical rainforest

32. The following are by-products of crude oil. Which one is NOT?
   A. Mineral water
   B. Cooking gas
   C. Petrol
   D. Diesel

33. Three of the following are factors favouring rapid industrial development in Kenya EXCEPT:-
   A. government policy
   B. presence of large deposits of valuable minerals
   C. availability of labour
   D. availability of power

34. Which one of the following is NOT a traditional method of fishing?
   A. Use of traps
   B. Use of spears
   C. Use of gillnets
   D. Use of baskets

35. The following are objectives of COMESA during its formation. Which one is NOT?
   A. To create common market
   B. To remove trade barriers
   C. To reduce economic dependance on South Africa
   D. To produce similar goods in the region

36. Which one of the following international roads connects people in South Africa to North Africa?
   A. Trans-African Highway
   B. The Great North Road
   C. Dual Carriage Highway
   D. The Trans-Saharan Road

37. Most rivers in Africa are not navigable in their courses hindering transportation. The MAIN reason for this is because:-
   A. of rapids and waterfalls
   B. rivers have floating vegetation
   C. of many deltas at the river mouth
   D. many rivers are seasonal
38. The most recent mode of communication is the use of:-
   A. newspaper, letter and fax
   B. radio, letter and television
   C. telegram, e-mail and television
   D. cellphone, e-mail and fax

39. Who among the following is a county ward representative?
   A. County governor
   B. County representative
   C. County speaker
   D. County senator

40. The road sign below means:-

   A. road junction ahead
   B. roundabout ahead
   C. no entry ahead
   D. danger ahead

41. Which one of the following is the MAIN tourist attraction in Egypt?
   A. Varieties of wildlife
   B. Cultural diversity
   C. Presence of sandy beaches
   D. Presence of pyramids

42. The movement of the earth round the sun is referred to as:-
   A. revolution
   B. rotation
   C. earth eclipse
   D. solar system

43. Which one of the following is the THIRD LARGEST African river?
   A. River Zambezi
   B. River Niger
   C. River Congo
   D. River Nile

44. Which language group has the smallest population in Africa?
   A. The Semites
   B. The Nilotes
   C. The Cushites
   D. The pygmies

45. Three of the following are duties of a deputy head teacher in a school. Which one is NOT?
   A. Is in charge of discipline
   B. Prepares block timetable
   C. Allocates subjects to teachers
   D. Is the secretary in staff meetings

46. Which part of cloves is harvested and used?
   A. Leaves
   B. Flower buds
   C. Fruits
   D. Stem

47. Which one of the following pastoral communities is found in Western Africa?
   A. The Fulani
   B. The Maasai
   C. The Tswana
   D. The Karamoja

48. During the pre-colonial time, the following influenced migration of people. Which one did NOT?
   A. Population increase
   B. Pests and diseases
   C. Drought and famine
   D. Search for employment

49. Which one of the following was the MAIN reason that lead to the collapse of Imperial British East Africa Company (IBEA)?
   A. Mismanagement of the Company
   B. Arrival of the colonialists
   C. Lack of funds
   D. Officials were attacked

50. Three of the following industries were started after the completion of the Volta River Project EXCEPT:-
   A. bauxite smelting
   B. copper smelting
   C. textile industries
   D. oil refineries

51. The MAIN type of forest found in Swaziland is:-
   A. planted forest
   B. natural forest
   C. most trees are hardwood
   D. mangrove forests
52. During the pre-colonial period, the Nyamwezi were ruled by:-
   A. a council of elders
   B. king Nabongo
   C. king Kabaka
   D. chief Ntemi

53. Which one of the following was the MAIN reason for the coming of missionaries to Africa?
   A. To stop slave trade
   B. To spread the gospel
   C. To settle surplus population
   D. To acquire raw materials

54. Who among the following traditional leaders collaborated with the colonialists?
   A. Mekatilili wa Menza
   B. Mukite wa Namene
   C. Nabongo Mumia
   D. Koitalel Arap Samoei

55. Madaraka day is celebrated in Kenya every year to mark:-
   A. independence day
   B. internal self government
   C. Kenya becoming a republic
   D. heroes day

56. Which one of the following CORRECTLY defines the term age-set?
   A. People initiated almost at the same time
   B. Young people born in the same village
   C. People who walk together most of the time
   D. Young people from an extended family

57. In which one of the following types of democracies will all the people take part in decision making?
   A. Indirect democracy
   B. Representative democracy
   C. Direct democracy
   D. Delegative democracy

58. Which one of the following is NOT a function of the Executive arm of the government?
   A. Making government policies
   B. Allocating revenues to the ministries
   C. Implementing government policies
   D. Employing civil servants

59. Three of the following are ways of acquiring citizenship in Kenya EXCEPT by:-
   A. birth
   B. dual citizenship
   C. registration
   D. naturalisation

60. Which one of the following is NOT a role played by the IEBC?
   A. Announcement of the election results
   B. Offering civic education
   C. dissolving the parliament to conduct elections
   D. Announcing the election date.

C.R.E

61. Which one of the following BEST explains why God created Eve?
   A. To care for God’s creation
   B. To offer Adam company
   C. To take care of Adam
   D. To bear children for Adam

62. On which day of creation did God create the sky?
   A. Day one
   B. Day four
   C. Day two
   D. Day three

63. What was Moses doing at the time of his call?
   A. He was looking after animals
   B. He was fasting in the desert
   C. He was asleep
   D. He was herding in Egypt

64. Which Israelite King brought the Ark of the covenant to Jerusalem?
   A. Saul
   B. Jeroboam
   C. Solomon
   D. David

65. Which one of the actions of Jesus demonstrated his humility?
   A. He cleansed the temple
   B. He allowed John the baptist to baptise Him
   C. He washed his disciples’ feet
   D. He healed the ten lepers
66. What did Jesus promise those whose greatest desire is to do what God requires?
   A. God’s kingdom
   B. Satisfaction
   C. Comfort
   D. Mercy

67. How did King Saul disobey God?
   A. He spared King Agag’s life
   B. He tried to kill David
   C. He visited a medium
   D. He performed a priestly duty

68. Which one of the following miracles was performed by Jesus on a Sabbath day?
   A. Raising Lazarus
   B. Healing at the pool of Bethzatha
   C. Healing the paralysed man
   D. Calming the storm

69. The books that give the account of the life and ministry of Jesus are referred to as:
   A. Epistles
   B. Pentateuch
   C. Gospel
   D. Acts

70. Why did God send Nathan to warn King David?
   A. David had taken Naboth’s vineyard
   B. David had committed adultery
   C. David had performed a priestly duty
   D. David had worshipped foreign gods

71. Where was Abraham living at the time of His call?
   A. Ur
   B. Haran
   C. Bethel
   D. Canaan

72. Which one of the following is NOT a gift of the Holy Spirit?
   A. Faith
   B. Faithfulness
   C. Healing
   D. Knowledge

73. According to Exodus 35: 31-33, Bezalel the son of Uri was given ability for the following skills EXCEPT:
   A. tent making
   B. carpentry
   C. embroidery
   D. weaving

74. Lazarus and his sisters were from the town of:
   A. Jerusalem
   B. Bethany
   C. Capernaum
   D. Bethlehem

75. The first high priest of Israel was:
   A. Moses
   B. Caiaphas
   C. Aaron
   D. Eleazzer

76. Moses was reluctant to accept God’s call MAINLY because he:
   A. was not a good speaker
   B. didn’t know God
   C. lacked confidence
   D. feared King Pharaoh

77. Which one of the following miracles of Jesus shows that He had power to forgive sins?
   A. Healing the paralysed man
   B. Calming the storm
   C. Walking on water
   D. Casting out demons

78. The following books were written by Paul EXCEPT:
   A. Romans
   B. Titus
   C. Hebrews
   D. Philemon

79. Which one of the following commandments of God DOES NOT show relationship between God and man?
   A. Do not use God’s name in vain
   B. Do not kill
   C. Keep the Sabbath day holy
   D. worship no other god but me
80. Which one of the following is the reason why people work?  
A. To exploit others  
B. To become wealthy  
C. To respond to God's command  
D. To please others  

81. When Paul lived with Priscilla and Aquila at Corinth, they all earned a living by:-  
A. making tents  
B. fishing  
C. persecuting Christians  
D. collecting offerings from Christians  

82. The ability to say ‘No’ or ‘Yes’ firmly without being influenced by others is referred to as:-  
A. critical thinking  
B. decision making  
C. self-esteem  
D. assertiveness  

83. St. James told the early Christians that they should show their faith by:-  
A. believing in Christians  
B. doing good deeds  
C. praying persistently  
D. fasting regularly  

84. The BEST way in which the ancestral spirits are pleased in traditional African communities is by:-  
A. naming children after them  
B. worshipping them  
C. calling out their names  
D. singing songs to them  

85. Eternal life begins on earth when a person:-  
A. starts receiving the Holy Communion  
B. dies in Christ  
C. leads a holy life  
D. helps the needy  

86. Who advised the teachers of the law and the Pharisees to be careful with what they did to the disciples of Christ?  
A. Saul  
B. Cornelius  
C. Peter  
D. Gamaliel  

87. Jesus used the terms, ‘Talitha Koum’ when He:-  
A. raised Jairus’ daughter  
B. calmed the storm  
C. healed the deaf-mute  
D. was on the cross  

88. In some traditional African communities, shedding of blood during circumcision shows that the initiates are:-  
A. strong and healthy  
B. separated from the community  
C. united with the ancestors  
D. ready to marry  

89. Happy are the poor in spirit, for they will:-  
A. see God  
B. inherit the earth  
C. inherit the Kingdom of God  
D. be satisfied fully  

90. “Why do you see the speck that is in your brother’s eye, but do not notice the log that is in your own eye?” This message teaches Christians to:-  
A. be remorseful of their mistakes  
B. avoid taking revenge  
C. learn to control their tempers  
D. avoid judging others.  

I.R.E.

61. Which surah describes the night of decree?  
A. Tiyn  
B. Qadr  
C. Zilzala  
D. Bayyinnah  

62. Those who do good will have endless rewards as stated in surah:-  
A. Alaq  
B. Tiyn  
C. Adiyat  
D. Asr  

63. Man transgresses when he finds himself self-sufficient. This is said in surah:-  
A. Alaq  
B. Asr  
C. Nasr  
D. Quraish
64. Which surah encourages Muslims on the care for orphans?
   A. Maun  
   B. Quraish  
   C. Takathur  
   D. Asr  

65. Allah swears by the peak of Mt. Sinai in surah:-
   A. Adiyat  
   B. Qariyah  
   C. Tiyn  
   D. Zilzala  

66. Which of the following pillars of Islam was regarded as a shield?
   A. Saum  
   B. Hajj  
   C. Swahl  
   D. Zakat  

67. The prophet went for Miiraj in one of the sacred months. Which month was it?
   A. Ramadhan  
   B. Rajab  
   C. Muharram  
   D. Dhul Qaada  

68. Which of the following is NOT among the rites of a Muslim child at birth?
   A. Tattooing  
   B. Tanhiq  
   C. Khitan  
   D. Aqiiqah  

69. Muslims lost in the battle of Uhud MAINLY because:-
   A. the Quraish had superior weapons  
   B. they were disorganized  
   C. some soldiers withdrew from the army  
   D. archers disobeyed  

70. The Islamic festival marked in the month of Rabii-ul-awwal is:-
   A. Miiraj  
   B. Iddul-fitr  
   C. Miladun-Nabii  
   D. Iddul-adh-ha  

71. Which of the following terms is the ODD one out?
   A. Nisab  
   B. Qabul  
   C. Mahr  
   D. Walii  

72. The holy book that was revealed to Nabii Daud.
   A.S was:-
   A. Taurat  
   B. Injil  
   C. Suhuf  
   D. Zabur  

73. Which pair of prophets were brothers?
   A. Yahya, Zakaria  
   B. Harun, Musa  
   C. Issa, Yussuf  
   D. Ibrahim, Nuh  

74. The boycott of Muslims and Banu Hashim clan was conducted at:-
   A. Aqabah  
   B. the valley of Arafah  
   C. Mina  
   D. Shiib Abu-Twalib  

75. One of the attributes of angels is that:-
   A. they drink fresh milk  
   B. they were created from fire  
   C. they have desire  
   D. they assume any form  

76. The prophet who used to take instructions from Allah on Mount Sinai was:-
   A. Issa  
   B. Daud  
   C. Musa  
   D. Muhammad  

77. The Islamic practice of putting something sweet on the lips of a newly born baby is:-
   A. Tahnik  
   B. Khitan  
   C. Hualat  
   D. Tabaruk  

78. Which are the CORRECT parts involved during performance of tayammum?
   A. Face, legs  
   B. Arms, head  
   C. Face, arms  
   D. Hands, legs
79. The prayer conducted during a lunar eclipse is:-
   A. Khusuf  B. Istisqai
   C. Istikhra  D. Kusuf

80. During Hijra to Yathrib the prophet hid in:-
   A. the valley of Aqabah
   B. Masjidul Qubaa
   C. cave Hira
   D. cave Thaur

81. Juma was insulted by a fellow pupil while fasting in the holy month of Ramadhan. The BEST action Juma would take was:-
   A. fight the pupil
   B. tell the pupil to meet him after breaking the fast
   C. tell the pupil he was fasting
   D. insult the pupil too

82. The wicked son of Nabii Nuh A.S was:-
   A. Canaan
   B. Qaabil
   C. Firaun
   D. Yuasha

83. The attribute of Allah ‘AL-Qudduus’ mean:-
   A. The mighty
   B. The provider
   C. The holy
   D. The loving

84. Which of the following mountains witnessed the first open mission of the prophet?
   A. Marwa  B. Judea
   C. Kenya  D. Swafah

85. The angel who announces the Day of Doom is:-
   A. Mikail
   B. Israfil
   C. Malik
   D. Izrail

86. A person in major hadath can do all the following EXCEPT:-
   A. mingling with others
   B. cooking
   C. tawaf
   D. trading

87. Who among the following children of the prophet DID NOT belong to Lady Khadijah?
   A. Abdallah
   B. Fatmah
   C. Ibrahim
   D. Ruqqayyah

88. The following are recommended acts during fasting EXCEPT:-
   A. taking suhuur
   B. breaking the fast with dates
   C. eating different foods in iftaar
   D. hastening in breaking the fast

89. The CORRECT number of martyrs at Badr was:-
   A. 14
   B. 313
   C. 1000
   D. 700

90. The prophet who spent his early life in the palace of King Talut was:-
   A. Musa
   B. Ibrahim
   C. Yahya
   D. Daud
SCIENCE

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 this question booklet.

HOW TO USE THE ANSWER SHEET
4. Use only 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 number) in the grid near the top of the answer sheet.
7. Do not make any mark outside the boxes
8. Keep the sheet as clean as possible and do not fold it
9. For each of the questions 1-50 answer are given. The answer are lettered A, B, C, D each case only ONE of the four answers is correct. Choose the correct answer.
10. On the answer sheet the correct answers 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. Which one of the following do the animals get through licking salts?
   A. Fats and oils
   B. Proteins
   C. Minerals
   D. Energy

The correct answer is C on the answer sheet:

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

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005 005/005/005/005 Sce 7
1. During adolescence boys and girls experience some changes that affect their feelings and behaviours. These changes are called
   A. physical
   B. emotional
   C. chemical
   D. external

2. The micropyle in a seed performs three of the following functions **EXCEPT**
   A. allowing the radicle to come out
   B. allowing the water into the seed
   C. allowing the plumule to come out
   D. allowing the air to come out

3. Which one of the following statements is **TRUE** about the circulatory system?
   A. When the left ventricle of the heart contracts blood goes into the lungs.
   B. Lungs are a part of the circulatory system
   C. Plasma is the largest component of blood
   D. Valves found in the heart prevent blood flow.

4. The chart below represents the composition of air.

![Diagram of air composition](image)

What is the percentage of the gases marked Q and R when combined?
   A. 21%
   B. 22%
   C. 10%
   D. 78%

5. The following are some practices that help prevent the spread of communicable diseases:-
   (i) Draining stagnant water
   (ii) Taking BCG vaccine at birth
   (iii) Clearing bushes in the compound
   (iv) Living in a well-ventilated room

Which practices will help control the spread of Malaria?
   A. (i) and (ii)  B. (i) and (iii)  C. (ii) and (iii)  D. (ii) and (iv)

6. Which of the following pairs consists **ONLY** of animals without scales on their body?
   A. Snake and duck
   B. Frog and bat
   C. Turtle and chameleon
   D. Fish and whale

7. Which of the following foods can be preserved by smoking?
   A. Kales
   B. Fruits
   C. Fish
   D. Mushrooms

8. The diagram below shows an improvised rain gauge

![Diagram of rain gauge](image)

What is the reason of using a metal container instead of plastic?
   A. Metals are readily available
   B. Metals are cheap to buy
   C. Plastics are expensive
   D. Metals withstand harsh weather conditions.

9. A person in the window stage of HIV infection will show:
   A. signs but test negative
   B. no signs and test negative
   C. signs and immunity is completely weakened.
   D. no signs and symptoms and test positive
10. When investigating capillarity in soil, cotton wool is used to:-
   A. prevent soil from falling in the basin
   B. filter water as it rises in the tube
   C. sieve germs in water
   D. prevent water from overflowing

11. Which one of the following substances have definite mass ONLY?
   A. Water and soil
   B. Flour and sugar
   C. Oxygen and glue
   D. Air and water vapour

12. Which of the following practices will NOT control ticks in livestock?
   A. Dipping
   B. Deworming
   C. Spraying
   D. Hand picking

13. The chart below represents a simple classification of crops.

   Food crops

   Legumes  Fruits  Cereals  Tubers  Vegetables
   P  Oranges  Q  Cassava  R

Which one of the following crops fit CORRECTLY in the letters above?

   P  Q  R

   A. Maize  Rice  Wheat
   B. Groundnut  Bean  Cabbage
   C. Cotton  Kate  Spinach
   D. Pea  Millet  Kales

14. The figure below represents a set-up to investigate pressure in liquids.

   Container
   Water jet

   In order to carry out the above experiment, one needs the following EXCEPT:
   A. water
   B. tin
   C. pin
   D. collecting jar

15. In which of the following is water used for industrial purpose?
   A. Swimming
   B. Cooking
   C. Irrigation
   D. Making fountains

16. Which one of the following substances sinks if its shape is changed?
   A. Glass
   B. Soda bottle top
   C. Wood
   D. Rubber

17. The planet with three beautiful rings is called:
   A. Neptune
   B. Venus
   C. Mars
   D. Saturn

18. Digestion of food takes place in all the following parts EXCEPT in the
   A. ileum
   B. mouth
   C. stomach
   D. duodenum
19. Which one of the following animal feeds provides the animals with proteins?
A. Sunflower cakes
B. Maize germ
C. Lucerne
D. Salt licks

20. Sound travels **POOREST** in:-
A. solids
B. a vacuum
C. gases
D. liquids

21. Which one of the following pairs consists of living and non-living components of the environment?
A. Plants, air
B. Water, soil
C. Animals, plants
D. Air, soil

22. Which of the following is a social effect of drug abuse?
A. Concioussness
B. Lack of concentration
C. Truancy
D. Addiction

23. Which one of the following materials is the **MOST** transparent?
A. Air
B. Glass
C. Polythene bag
D. Oiled paper

24. When small pieces of papers are dropped above fire they rise. This demonstrates:-
A. air convection
B. liquid convection
C. paper convection
D. conduction of heat

25. The mass of a substance can be expressed in:-
A. grams
B. g/m²
C. centimetres
D. newtons

26. When a ruler was placed slanting and partially immersed in water, it appeared as shown in the figure below.

![Diagram of a ruler partially immersed in water]

This happened because:-
A. light travels in a straight line
B. light can be refracted
C. light can be dispersed
D. light can be reflected

27. The following are main methods of grazing animals **EXCEPT**:-
A. zero grazing
B. herding
C. rotational grazing
D. paddocking

28. Which of the following food chain is **INCORRECT**?
A. Maize → rat → cat
B. Kale → goat → wild dog
C. Man → lion → vulture
D. Planten → small fish → big fish

29. The **MOST** effective method of controlling weeds is by:-
A. digging out
B. uprooting
C. burning
D. slashing
30. Which one of the following is NOT a process that is involved in change of state of matter?
   A. Freezing    B. Expansion
   C. Condensation D. Melting

31. Excessive use of fertilizers pollute water. This leads to
   A. excessive growth of water plants
   B. decrease of water plants
   C. increase of aquatic animals
   D. destruction of beaches

32. Which one of the following consists of foods that are rich in energy giving nutrients?
   A. Potato and groundnut
   B. Kales and orange
   C. Carrot and maize
   D. eggs and banana

33. The component of blood which helps to fight disease-causing germs is:-
   A. plasma
   B. platelets
   C. white blood cells
   D. red blood cells

34. The transfer of heat through liquids is by a process called:-
   A. conduction
   B. radiation
   C. convection
   D. refraction

35. The figure below represents a see-saw

```
  X

Which one of the following words CANNOT be used to describe the part marked X?
   A. Fulcrum    B. Pivot
   C. Effort     D. Support
```

36. Which one of the following is NOT an insectivorous plant?
   A. Pitcher plant
   B. Sundew
   C. Liverwort
   D. Venus flytrap

37. Which one of the following animals CANNOT be described as poultry?
   A. Duck
   B. Turkey
   C. Chicken
   D. Dove

38. Which blood vessels help to transport de-oxygenated blood away from the heart?
   A. Pulmonary vein
   B. Venacava
   C. Pulmonary artery
   D. Aorta

39. The clouds that indicate fine weather have three of the following features EXCEPT:-
   A. dark colour
   B. found high in the sky
   C. flat base
   D. feathery in shape

40. When one breathes in, the chest volume:-
   A. decreases
   B. increases
   C. remains the same
   D. shrinks

41. The vaccines given to a child at the age of nine months protects the child against:-
   A. diptheria
   B. whooping
   C. measles
   D. cholera
42. Gulley erosion can be controlled by:
   A. building gabions  
   B. terracing  
   C. contour farming  
   D. adding manure

43. The soil that is good for building houses:
   A. has fine texture  
   B. has rough texture  
   C. has high capillarity  
   D. has poor drainage

44. Oral hygiene involves three of the following routine practices EXCEPT:
   A. brushing teeth everyday  
   B. visiting the dentist regularly  
   C. eating hard things  
   D. eating a balanced diet

45. Roots of maize and sorghum crops serve three of the following functions EXCEPT:
   A. supporting the plants  
   B. absorption of water  
   C. making food for the plant.  
   D. absorbing minerals

46. The diagram below shows parts of a flower:

   ![Flower Diagram]

   The parts of a flower that protects it in bud stage is marked with number:
   A. 2  
   B. 1  
   C. 4  
   D. 3

47. A glass containing ice cubes was placed in an open area as shown below:

   ![Glass Diagram]

   After sometime the outer surface of the glass formed water droplets. This shows that:
   A. ice melts to form water  
   B. air contains water vapour  
   C. air is made up of many gases  
   D. air freezes on cooling

48. Which part of a passion plant is modified for climbing?
   A. Leaf  
   B. Stem  
   C. Root  
   D. Tendril

49. Which tool DOES NOT require sharpening as one of its maintenance practices?
   A. Panga  
   B. Jembe  
   C. Bottle opener  
   D. Axe

50. The diagram below represents the male reproductive system:

   ![Male Reproductive System Diagram]

   Sperms are produced in the part marked:
   A. R  
   B. Q  
   C. P  
   D. S
**JAWABU LA KCPE 2015**

**Darasa la Saba**

**KISWAHILI**

**SEHEMU**

**YA KWANZA:**

**LUGHA**

**SOMA KWA MAKINI MAAGIZO YAFUATAYO**

2. Ikiwa utataka kuandikia chochote ambacho si jibu andika katika kijitabu hiki.
3. Ukisha chagua jibu lako lionyeshe katika KARATASI YA MAJIBU na wala siyo 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 SHUL E YAKO

6. Kwa kuchora kistari katika visanduku vyenye namba zinazokuhusu, onyesha namba yako kamili ya mtihani (yanani namba ya shule, na zile namba tatu za mtahminiwa) katika schemu iliyotegwa mwanzo wa karatasi ya majibu.
7. Usitie alama zozote nje ya majibu na usiikanje
8. Iweke safi karatasi yako ya majibu na usiikanje
10. Kwenye karatasi ya majibu, jibu sahihi lionyeshe kwa kuchora kistari katika kisanduku chenyewe herufi uliochagua kuwa ndilo jibu.

**Mfano**

Katika kijitabu cha maswali:
29. Ni kiungo kipi kisichofaa katika orodha hili?
   A. Ufizi
   B. Insi
   C. Paji
   D. Umio

Jibu sahihi ni ‘C’

Katika karatasi ya majibu

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

Katika visanduku vinavyoonyesha majibu ya swali namba 29, kisanduku chenyewe herufi A ndicho kilichochorwa kistari.

12. Kwa kila swali, chora kistari katika kisanduku kimoja tu kati ya visanduku vinne-ulivyopewa.
**Tumia msamani mwafaka zaidi kukamilisha vihasha 1 hadi 15.**

Kila __1__. kunapokucha na kutwa. mtoto mmoja kati ya wanane yaani __2__ moja huwa __3__ maradhi hatari ya kuhara na kutapika uitwaao __4__. Hatari kubwa ya ugonjwa wenye wale __5__ kusambaa kwake kwa haraka. Wale __6__ wasipochukuliwa hatua ya haraka na __7__ hospitalini __8__ kaburini kwani halisi yao huwa mahutu __9__ maradhi haya huathiri sana watoto. basi wito ni kwa __10__ wazingatie halisi __11__ kusaidia watoto wao wasalie wenye __12__ . Jambo kuu ni usafi. Usafi __13__ , na watoto kuachwa kula vyakula ovooyo na kunywa maji __14__ . basi litakuwa jambo __15__ kujizuia dhidi ya maradhi hayo.

1. A. mwaka
2. B. siku
3. C. juma
4. D. mwezi

5. A. thumuni
6. B. humusi
7. C. thluthi
8. D. thluthi

9. A. aliambukizwa
10. B. ameambukizwa
11. C. ataambukizwa
12. D. anaambukizwa

13. A. ukamioi
14. B. utapiamlo
15. C. kichocho
16. D. kipindupindu

17. A. kule
18. B. ule
19. C. yale
20. D. vile

21. A. wanapoungua
22. B. wanapoungua
23. C. wanaougua
24. D. wanaougua

25. A. kung’oa nanga
26. B. kuwasilishwa
27. C. kuondolewa
28. D. kutofikishwa

29. A. huingia
30. B. huungulia
31. C. hupeuka
32. D. huachwa

33. A. Ingwaje
34. B. Maadamu
35. C. Japo
36. D. Na

37. A. watoto
38. B. walimu
39. C. wanafunzi
40. D. wazazi

41. A. zinayoweza
42. B. zinavyoweza
43. C. zinazoweza
44. D. salama

45. A. afya
46. B. maradhi
47. C. tiba
48. D. ukipuuzwa

49. A. ukiifurishwa
50. B. ukikiukwa
51. C. masafi
52. D. safi

53. A. machafu
54. B. chafu
55. C. rahisi
56. D. dogo

---

   A. watu
   B. wote
   C. pale
   D. kesho

   A. hili
   B. hili lili
   C. lili lili
   D. lili lili

21. Ni umbo lipi lionyeshalo mistari sambamba?
   A. [Diagram A]
   B. [Diagram B]
   C. [Diagram C]
   D. [Diagram D]

---

*Sof / 005/Kisw 7*
22. "Jenga" ni kwa mwashili bali "suka" ni kwae:
   A. musuki
   B. musi
   C. msuka
   D. masi

23. Ukelwa wa nomini "mji" ni:
   A. jiji
   B. liji
   C. kijiji
   D. mji

24. Tambua maneno yaliyopiga mistari.
   Mwanafunzi huyu ndiye bora zaidi.
   A. kivumishi, kivumishi
   B. kielezi, kivumishi
   C. kivumishi, kielezi
   D. kishiria, kielezi

25. Kikembe cha nzige huitwa:-
   A. kitungule
   B. kiduse
   C. kimatu
   D. buu

26. Watu wanapogana huamkiana:-
   A. alamsiki
   B. buriani
   C. makiwa
   D. sabalkheri

27. Kanusha: Ungejitaahi unguftua dafu
   A. Hukujuitaahi wa la hukoftua dafu.
   B. Hungejitaahi unguftua dafu.
   C. Ungejitaahi unguftua dafu.
   D. Hungejitaahi haungufua dafu.

28. Tamia kitenzi kilicho katika hali ya kutendwa
   Watu kumuji katika mapiganano.
   A. wafuliwa
   B. wajuawa
   C. wafuawa
   D. waliyuwa

29. Kiambishi: ‘ki’ kimetumiwaje kwenecebetsensi hii?
   Mambo yake yaitekuwa kiguzu na njia.
   A. kuonyeshu sharti
   B. kueleza
   C. kuonyeshu wakewa
   D. kuonyeshu hali ya udogo

30. Ni neko lipi kati ya yafuatayo kilitakalotangulia mengine kambusini?
   A. Tukufu
   B. Tukuta
   C. Tukuta
   D. Tukuta

Soma shairi lifuatado kisha njibu maswali 31 hadi 40.

Mwanafunzi hizi zama, hizi tuishizo zama,
Huna baada ya kusoma, bila kama wakulama.
Usonge baada ya mapa, kuandika nakusoma.
Uweze pia kusoma, na Kiswahili sanitu.

Soma pia ukulima, mbinu zote kuandama.
Sayansi pia soma, ni soma la taadhima.
Fasihi usiacue nyuma, ya vitabu na kalima.
Uweze pia kusoma, na Kiswahili sanitu.

Elimu-viumbe soma, ufulumu kwa kima,
Ina maariif mema, ya usafi na lukuma.
Hisoria pia soma, juu utokako nyuma.
Uweze pia kusoma, na Kiswahili sanitu.
31. Mshairi ameanza kwa kusema ‘hizi zama’. Anamaanisha nini?
   A. Zamani za kale
   B. Nyakati zilizopita si kitambo sana
   C. Wakati wa sasa
   D. Siku za usoni

32. Ushauri wa mshairi katika ubeti wa kwanza ni kwamba usilalamikie:-
   A. kusoma kwa baba na mama
   B. kujua kusoma na kundika
   C. kukosa nafasi ya kusoma
   D. halili yako ya kuwa mwanafunzi.

33. Vina vya ubeti wa pili ni:-
   A. ma, ma
   B. a, a
   C. a, ma
   D. ma, a

34. Msommo ‘huna budi’ umetumika katika ushairi kamaanisha:-
   A. huna hasara
   B. huna lazima
   C. ni sharti
   D. una nafasi

35. Kipande kimoja cha mshororo kwenye shairi nili kina mizani ngapi?
   A. 8
   B. 4
   C. 2
   D. 16

36. Mshairi amehimiza usomi wa masomo haya yote ilana:-
   A. somo la zaraa
   B. somo la sanaa
   C. elimu ya viumbe
   D. somo kuhusu mambo ya kale

37. Faidha ya somo la historia ni gani?
   A. Hutooa maraifa kuhusu usafi.
   B. Husaidia kuvifahamu vyema viumbe.
   C. Huwagaihsha kusema kwa Kiswahili sanifu.
   D. Hutuuziza kuhusu mambo yaliyotendeka zamani.

38. Neno ‘taadhima’ limetumwa kwenye shairi.
   Kisawe chake nii:-
   A. muhimu
   B. heshima
   C. fahari
   D. ajabu

39. Manceno yapini sabihi kuhusu shairi hili?
   A. Ni aina ya tathliha
   B. Kila mshororo una vipande viwili
   C. Lima jumia ya beti tatu
   D. Lima kibwagizo

40. Sheria anapozingatia mtunzi wa mshairi anapotunga shairi huitwa:-
   A. ushairi
   B. maleng
   C. arudhi
   D. msamiati
Soma habari ifuatayo kwa makini kisha ujibu maswali 41 hadi 50.

Je, watu wanaokata miti hivi hawajui matekeo ya kukata misitu shaghalabaghala? Kila mmoja wetu hapa anajua kuwa misitu ni asili ya chakula na maskani ya wanyama na kuwa inapokatwa wanyama hawa hufa na wenye bahati huzamia kwinge.


Vilevile, misitu inapokatwa dawa za kiyenjezi na za kisasa zitapotea maana nyingi zazo hutokana na miti. Wagonjwa wengi watakufa kwa kukosa dawa. Wakataaji misitu wenyeke wajiru jambo lako pia wataangingia?

Misiitu mingi yenye manufaa makubwa huchukua muda mrefu kukomaa. Kwa hivyo tunapokata bila mpango tunavinyima vizazi vya kesho uteriti huu wa kimaumbile. Vijana wengi watakufwa wakisoma habari za misitu vitabuni bila kuionia. Utafiti wa miti pia utakwama na elimu itakosesha mahali pa uvumbuzi nyanjani. Sasa iko wapi faida ya kufunza taaluma ya misitu katika shule na vyuo kinadharia tu kama misitu yenyeze haipo?


41. Si hakika kuwa kilwa mmoja aliyemekiliza mnenaji aliujaa kuwa:-
A. misitu huvuta mvua
B. misitu ni maskani ya wanyama
C. wanyama hufa au kuhama misitu inapokatwa
D. misitu ni chanzo cha chakula cha wanyama.

42. Kwa nini mvua hupungua miti inapokatwa?
A. Watu na wanyama hufa.
B. Vivutio vya mvua hupungua.
C. Mito na maziwa hukauka.
D. Msi...: huwa wa kiangazi.

43. Neno ‘malighafi’ limetumiwa katika habari. Linamaanisha:-
A. vifaa vinavogezewa kwa mbao
B. misitu mikubwa mikubwa yenye miti Kochokocho
C. faida nayotokana na mauzo viwandani
D. vitu vinavyohitajika vitengeneze bidhaa fulani viwandani.

44. Yapi si matokeo ya ukataji ovoyo wa miti?
A. Watu upoteza ajira
B. Bidhaa kama karatasi kuadimika
C. Bei ya mbao na gundi kushuka
D. Ukame kupamba moto

45. Zote hizi ni athari za ukataji ovoyo misitu yenye manufaa makubwa isipokuwa:-
A. taalua ya misitu kufunzwa kama nadharia tu
B. wanafunzi kutosoma habari za misitu vitabuni
C. pahali pa uvumbuzi nyaji kukosekana
D. wanaiunjizi kukosa urithi muhimu wa kimaumbile.

46. Ni nini kinachosababisha upepo mkali unaoweza kuangusha miti na kung’oa paa za nyumba?
A. Mzirimo unaovuma
B. Mndhari yavutiayo yenye rangi ya kijani
C. Ukosefu wa miti baada ya ukataji ovoyo
D. Visiki butu vyenyego rangi isiyoovutia

47. Upepo husafirisha viini vinavyoathiri ‘mapafu’.
Kazi ya mapafu ni:-
A. kusafisha hewa tunayopumua
B. kusafisha damu
C. kusawazisha kiwango cha sukari kwenye damu
D. kutokeza umajimaji unaatumika kumeng’enyana chakula.

48. Mwandishi anamaanisha nini asemapo ‘miti ni uhai’?
A. Miti iko hai na inapaswa kulindwa.
B. Ukataji wa miti ni sawa na uajji wa miti.
C. Uhai wa binadamu na wanyama huntegemea miti.
D. Uhai wa mnyama au binadamu ni sawa na uhai wa miti.

49. Mnenaji anamalizia kwa kutoa hasa himizo gani?
A. Tushirikiane kukomesha usitawishaji wa misitu.
B. Tawalaumu mababu zetu kwa ukataji ovoyo wa misitu.
C. Tuungane kupinga uharibifu wa misitu.
D. Tujitoe mashakani kwa kushirikiana kupanda miti.

50. Zote hizi ni faida za miti. Ni ipi haijatajwa kwenyego habari?
A. Miti huboresha mazingira.
B. Miti ni chanzo cha uchunguzi wa kielimu.
C. Miti husaidia kuzuia ukame.
D. Miti huzuia mmmonyoko wa udongo.
**KCPE SOLUTION 2015**
**Standard Seven**

**ENGLISH**
**SECTION A: LANGUAGE**

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**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 this question booklet.

---

**HOW TO USE THE ANSWER SHEET**

4. Use only 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 dark line inside the correct numbered boxes mark your full index number (i.e. school code number and the three-figure candidates number) in the grid near the top of the answer sheet.

7. Do not make any mark outside the boxes

8. Keep the sheet as clean as possible and do not fold it

9. For each of the questions 1-50 answers are given. The answer are lettered A, B, C, 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 shown by drawing a dark line inside the box in which the Letter you have chosen is written.

**Example**

**In questions 26, select the best alternative to complete the statement.**

   A. doesn't he?  
   B. don't he?  
   C. aren't he?  
   D. is he?

The correct answer is A. On the answer sheet:

[ ] [A][B][C][D]  [ ] [A][B][C][D]  [ ] [A][B][C][D]  [ ] [A][B][C][D]  [ ] [A][B][C][D]

11. Your dark line **MUST** be written in the box

12. For each question **ONLY ONE** box is to be marked in each set of four boxes.

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TURN OVER
Sol/005/Eng 7
Choose the best alternative to fill the blank spaces numbered 1 to 15.

One of the signs of doing well___1___ among some Kenyans, especially men, is ___2___ ‘rabbit food’ (vegetables) for meat, chicken, sausage and fish. ___3___ all these food add important nutrients to the body.
they cannot supplement the good old, often readily available, vegetables. Green leafy vegetables have ___4___ of vitamins, minerals and disease fighting chemicals. They are rich in fibre, which ___5___ in digestion and keeps you full and hence aid weight loss. Fibre also slows ___6___ absorption of carbohydrates hence control blood sugar.

Vegetables that ___7___ beta-carotene, ___8___ spinach help in the growth and repair of body tissues. Green vegetables are also a good ___9___ of folate, which can reduce your risk of cardiovascular diseases and ___10___ memory loss. ___11___ depression.

Vitamin B found in green leafy vegetables works with vitamin C to keep the skin healthy as you ___12___ . This vitamin also helps protect your skin from the sun’s damaging rays and ___13___ help reduce your risk of cataracts and muscular degeneration. To get the full benefits, eat ___14___ five ___15___ of vegetables daily, including greens.

1. A. economical B. financially C. daily D. politically
2. A. ditching B. buying C. stopped D. cultivating
3. A. Which B. Therefore C. plenty D. excess
4. A. few B. little C. brings D. helps
5. A. slows B. keeps C. an D. that
6. A. a B. the C. maintain D. retain
7. A. contain B. sustain C. such as D. as like
8. A. such that B. as such C. producer D. manufacturer
9. A. processor B. source C. as same as D. as well as
10. A. as long as B. as equal as C. down D. around
11. A. off B. of C. ageing D. age
12. A. aged B. ages C. shall D. will
13. A. can B. may C. over D. above
14. A. at least B. utmost C. servings D. types
15. A. plates B. meals

For questions 16 and 17, complete the statements with correct prepositions.

16. We sat ___16___ the fire as our grandmother narrated the thrilling stories.
A. by B. in C. at D. against

17. I regret the delay in replying ___17___ your letter
A. at B. in C. for D. to

In questions 18 to 20, complete the statements appropriately.

18. I hope the actress is not as tired as she says, if she is:-
A. we should hope for much from her
B. we should hope for much from her
C. we should not hope for much from her
D. we could not hope for much from her.

19. If lifesavers worked hard:-
A. they should save the victims
B. they could save the victims
C. they will save the victims
D. they would save the victims.

20. You could be washing the clothes:-
A. and you wait for me to get ready
B. before you wait for me to get ready
C. but you wait for me to get ready
D. as you wait for me to get ready.
In questions 21 to 23, select the alternative that is correctly punctuated.

21. Were you with him at the airport?
   A. Yes I was.
   B. Yes! I was.
   C. Yes, I were.
   D. Yes, I wasn’t

22. A. “Take it or leave it Maria told Nancy.”
    B. “Take it, or leave it,” Maria told Nancy.
    C. “Take it or leave it!” Maria told Nancy.
    D. “Take it!” Maria told Nancy, “or leave it.”

In question 23, re-arrange the statements given to form a sensible paragraph.

23. i) The crocodiles celebrate when they catch someone!
    ii) But it is full of fierce crocodiles
    iii) However, such accidents do not happen very often
    iv) The river Tana looks peaceful
   A. i, iii, ii, iv
   B. iv, i, ii, iii
   C. iv, ii, i, iii
   D. i, iv, ii, iii

For questions 24 and 25, replace the underlined word(s) with the correct alternative.

24. The handwriting is so poor that it cannot be read.
   A. is eligible
   B. is illegible
   C. is illiterate
   D. is illegitimate

25. The children you saw at the orphanage are very courteous.
   A. careful
   B. disciplined
   C. polite
   D. lonely

Read the following passage carefully and answer questions 26 to 38.

I packed my belongings and sneaked out of the house while my parents were still asleep. I had decided to leave home for good. It had all started when my parents became too strict on me for my liking. It was as if they had declared a ruthless war on me. This was, they said, to straighten me up, whatever that meant. First and foremost, I had been declared the laziest member of my family who could not be relied on to do anything good. To add insult to injury, my father had said that my marks in school were not satisfactory. He had therefore vowed not to buy me the new clothes he had promised to earlier that week.

My siblings had even been instructed not to associate too closely with me, lest they contract my laziness disease. How on earth could I continue living under the same roof with people who had declared total war on me? How could I continue living with siblings who were avoiding me like the plague?

I opened my bedroom door and gave my room one last glance. I let myself out of the room carrying the bag that contained all my earthly belongings. They were a few clothes, a pair of worn out sandals and a battered cap. My pet cat, Loony, could also qualify as my property. However, I did not carry it with me for fear of having an extra mouth to feed.

I stole across the silent compound, opened the gate and started my journey out of my misery. Suddenly, a thought struck me. It sent a chill of trepidation up my spine and made me stop dead in my tracks. I had no idea where I was headed to! As quickly as the realization had come, it vanished from my brain and I proceeded with my journey to the unknown. Nothing would hinder my plans; nothing would break my resolve. I grimly declared to myself.

It was pitch dark, crickets chirped in the grass and a wolf bayed mournfully, waiting for the sun to rise in the eastern horizon. I walked on and on, without knowing which direction I was headed. I must have walked through the bush for a long time without meeting a soul. Exhaustion must have overcome me and I must have fallen into a deep slumber. I suddenly opened my eyes to see a bee buzzing a few inches from my face. The blinding sunlight made sight impossible. I screwed up my eyes, trying to regain my sense of direction. The area around me was not familiar and I sat up, rubbing my aching eyes. My bag was lying by my side.

Suddenly, I heard a shout:
“There she is!”
"The witch! catch her. Lynch her!”

I was perplexed. I stared at the group of people who were running towards me. They were armed to the teeth with all sorts of crude weapons. Had they mistaken me for someone else? There was no time for me to ask questions. I was grabbed, gagged and blindfolded. I was then frog-marched away as some of my captors continued shouting in a language I could not understand. Some, however, were speaking in my mother tongue.

“I am surely dead now!” I thought to myself as I sent a prayer to the Almighty to rescue me from the blood-thirsty mob. Was I going to be beaten to a pulp or would they crucify me on a cross like....

My doomsday thoughts were interrupted by a familiar voice, a voice of somebody very close to me. the voice of my father!

“Hey! What do you think you are doing? That’s my daughter! Leave her alone, you danderheads!” I heard him yelling frantically. The voice and the words it carried was like sweet music to my ears.

There was a moment of confusion around me before the cloths covering my mouth and eyes were yanked away. I found myself surrounded by my father, my siblings and about a dozen villagers. I ran into my father’s arms, sobbing.

“They had mistaken you for someone else,” my father explained to me, his voice breaking. “I am sorry. My daughter. I have been an irresponsible father. I promise, your mother and I shall be better parents,” he said. Talk of a rescue in the nick of time! What would have happened to me if my family had not organised a search party when they had realised that I had gone missing? I had surely escaped death by a whisker.

26. When did the writer escape from home?
A. In the middle of the night.
B. Before dusk.
C. Before dawn.
D. In the morning.

27. What made the writer to sneak out of the house?
A. Packing of her belongings every night.
B. Over-sleeping of her parents
C. Strictness from her parents
D. Cruel war from her parents

28. To add salt to injury .......... This expression means:-
A. to put excess salt in food
B. to worsen matters
C. to insult one every time
D. to insult an injured person.

29. Which behaviour did the parents feel the writer should have?
A. Laziness
B. Carelessness
C. Cooperation
D. Hard work

30. Why did the writer leave her pet at home?
A. It was rather heavy and noisy.
B. It had an extra mouth to feed.
C. It could make her escape difficult.
D. It would go hungry most of the time.

31. When the writer left home, she:-
A. knew where exactly to go
B. had little knowledge of her destination
C. had no idea about the direction to the town
D. knew very little about her home-town.

32. The wolf mentioned in the passage:-
A. wanted to attack the writer
B. was eating the crickets
C. was very hungry
D. was waiting for day-break

33. Why do you think the writer finally slept?
A. She had reached her destination.
B. She felt very tired.
C. She had been stung by a bee.
D. She had covered a long distance and decided to rest.

34. Which of the following did not happen to the writer?
A. Her mouth was covered.
B. Her eyes were covered.
C. Her hands were tightly tied.
D. Her attackers grabbed her.

35. The writer feared that:-
A. she would be crucified
B. she would be burnt
C. she would be caned
D. she would be raped.
36. Who came to the writer's rescue?  
A. Her neighbours.  
B. Her teachers.  
C. Her villagers.  
D. Her father.

37. The writer's father can be said to be:-  
A. sorry  
B. apologetic  
C. regretting  
D. lovely

Read the following passage carefully and answer questions 29 to 40.

It lies at our feet, stretching in all directions, far and wide. We are standing on a very important natural resource: Soil. Soil is a complex substance consisting of mineral particles, formed slowly over long periods of time and the living things that dwell and work inside it. It is essential to our lives. What role does soil play in our lives? Are there any inhabitants in the soil?

Yes, there are many creatures living in the soil. There is a whole underground world of living things, active and lively, doing their work, spending their lives in soil. Some are very tiny, like the microscopic algae which feed and grow, and produce oxygen for the other organisms. Bacteria also live there, carrying out a host of useful tasks, working on the decay of plant and animal material and releasing nutrients into the soil. Other useful bacteria remove nitrogen from the air and change it into a form that plants can use. There are also fungi, working to cause decay and releasing nourishment into the soil.

In the soil there are also armies of insects which work in countless amazing ways. These insects break down material from plants and animals by chewing with jaws and mandibles. In this way, substances are broken into smaller particles.

In temperate soils, beetles and their young ones break down woody tissues. Earthworms drag leaves into the soil for their food, and some remain in the soil to rot. Their tunnels bring vital supplies of air to the other citizens of the soil.

In tropical countries, termites which can withstand the hot and dry conditions by living in their sandy tunnels and mounds, play an important role in the soil. They work as decomposers, breaking down the hard fibrous material of wood. Millipedes also help in the formation of tropical soils. They consume vast amounts of vegetation, which as it passes through their body, is broken down into smaller particles. This process is useful for improvement of soil fertility.

Larger animals also play their part. Rats, mice, moles and shrews dig burrows into the soil. These allow air to pass into the soil for other creatures to use. Their droppings fertilise and nourish the soil. Soil is a most valuable resource. Tragically, it is being lost worldwide by bad agricultural practices and/or through other harmful means.

Man removes the vital plant cover, exposing the fragile soil structure to the erosive action of wind and rain, so that topsoil is lost forever. The useful organisms in the soil which help to maintain fertility and to recycle nutrients are exposed to the scorching and dehydrating rays of the sun. So they die and no longer offer their valuable service on soil.

Soil is being lost on a huge scale. Deserts are spreading. The available soil for agriculture is being reduced. Famine threatens more of the earth's people every year. How can this be stopped?
It is important to draw the attention of mankind to the disaster that is being enacted around our environment. Man is destroying soil which is the basis of his survival. Thus man must be told how best to conserve soil and how to prevent further loss of this resource that sustains all life.

39. The soil lying at our feet:-
   A. stretches both ways in Kenya
   B. extends in all directions
   C. stretches far and wide in Africa only
   D. is a less important natural resource.

40. How long does it take for soil to be formed?
   A. Over several years.
   B. A short period of time.
   C. As long as people are alive.
   D. We are not told in the passage.

41. What do the many creatures living in soil do?
   A. Doing work for others.
   B. Sharing duties and lives.
   C. Breaking down soil particles.
   D. Doing individual work and spending their lives.

42. Bacteria, as mentioned in the passage, help in:-
   A. killing the fungi to decay the plant remains
   B. multiplying other organisms
   C. releasing nourishment into the soil
   D. eating other micro-organisms.

43. To break down substances to smaller particles, insects:-
   A. work in armies
   B. feed on plants and animals
   C. use their jaws and mandibles
   D. depend on other small animals.

44. Which of these assist in air circulation in the soil?
   A. Fungi and bacteria.
   B. Earthworms and bacteria.
   C. Termites and beetles.
   D. Beetles and their young ones.

45. Where can the small animals that enrich the soil be found according to the passage?
   A. In tropical countries only.
   B. In vegetative areas.
   C. In sandy countries.
   D. In hot and dry areas.

46. Soil is being lost world-wide by:-
   A. soil erosion
   B. increased agricultural practices
   C. non-harmful effects
   D. dehydration from the sun

47. Famine as told in the passage can lead to:-
   A. loss of food
   B. loss of lives
   C. loss of water
   D. loss of land.

48. What must man do to control the awaiting tragic loss of soil?
   A. Listen to people talk.
   B. Take action on soil conservation.
   C. Prevent soil erosion as he likes.
   D. Report any incidents of erosion to authorities.

49. Soil conservation will result in:-
   A. hunger and famine
   B. environmental pollution
   C. soil erosion
   D. mankind survival.

50. The most suitable title for this passage would be:-
   A. Soil conservation
   B. Benefits of soil
   C. Dangers of soil erosion
   D. Components of soil.
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**NB:** EXAMINERS ARE ADVISED TO GO THROUGH THE MARKING SCHEME BEFORE USE
KISWAHILI
SEHEMU YA PILI
INSHA

Muda: Dakika 40

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SOMA MAAGIZO HAYA KWA MAKINI

1. Kwenye nafasi zilizachwa hapa juu andika Nambani Yako kamili ya mtihani, jina lako na jina la shule yako.

2. Sasa fungua karatasi hii, soma kichwa cha insha kwa makini na uandike insha yako kwenye nafasi uliyo achwiwa.

Kijitabu hiki kina kurasa 4 zilizopigwa chapa.
Umepewa dakika 40 kuandika Insha yako.

Andika INSHA ya kuvutia yenye umalizio huu:

...........................................................................kila mmoja akelekana nyumbani kwa huzuni nyangi.

Kwa mitano na mwongozo kamili juu ya uandishi wa insha MUFTI, jipatie nakala ya kitabu cha insha kitwacho (INSHA TAALA) kutoka Booster Education Publishers. Imapatikana kwenye maduka ya kuuzia vitabu.
# KCPE SOLUTION 2015
## Standard Seven

### ENGLISH
#### SECTION B:
**COMPOSITION**

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<th>YOUR INDEX NUMBER</th>
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</tr>
</thead>
<tbody>
<tr>
<td>YOUR NAME</td>
<td></td>
</tr>
<tr>
<td>NAME OF YOUR SCHOOL</td>
<td></td>
</tr>
</tbody>
</table>

**Time: 40 minutes**

**READ THESE INSTRUCTIONS CAREFULLY**

1. In this space provided above write your full Index number, your Name and the Name of your school.
2. Now open this paper, read the composition subject carefully and write your composition on the lines provided.

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This question paper consists of 4 printed pages.

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TURN OVER
You have 40 minutes to write your composition.

Below is an ending of a story. Start and complete it making it as interesting as possible.

.................................................................that is the day I learnt that the days of a thief are truly numbered.

*NB: for a comprehensive guide in composition writing, skills and different types of compositions, get yourself a copy of "THE SOLUTION IN COMPOSITION WRITING"

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