GATUNDU SUB – COUNTY EXAMINATION

STANDARD EIGHT – TERM I 2016

SOCIAL STUDIES & CRE

Time: 2 hours 15 minutes

READ THESE INSTRUCTIONS CAREFULLY

1. You have been given the question booklet and a separate answer sheet. The question booklet contains 90 questions.

2. Do any necessary rough work in this booklet.

3. When you have chosen your answer, mark it on the ANSWER SHEET, not in the question booklet.

HOW TO USE THE ANSWER SHEET

4. Use an ordinary pencil only.

5. Make sure that you have written on the answer sheet.

YOUR INDEX NUMBER

YOUR NAME

NAME OF YOUR SCHOOL

6. By drawing a dark line inside the correct numbered boxes mark your full Index Number (i.e. School Code Number and the three-figure Candidate's Number) in the grid near the top of the answer sheet.

7. Do not make any marks outside the boxes.

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

9. For each of the Question 1 – 90 four answers are given. The answers are lettered A, B, C and D. In each case only ONE of the four answers is correct. Choose the correct answer.

10. On the answer sheet the correct answer is to be shown by drawing a dark line inside the box in which the letter you have chosen is written.

EXAMPLE

In the Question Booklet:

32. Which of these lakes are formed when a river deposits sand materials on its banks?
    A. Tarns   B. Rift lakes
    C. Volcanic lakes   D. Ox-bow lakes

The correct answer is D

On the answer sheet:

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

In the set of boxes numbered 32, the box with the letter D printed in it is marked.
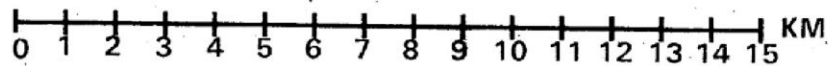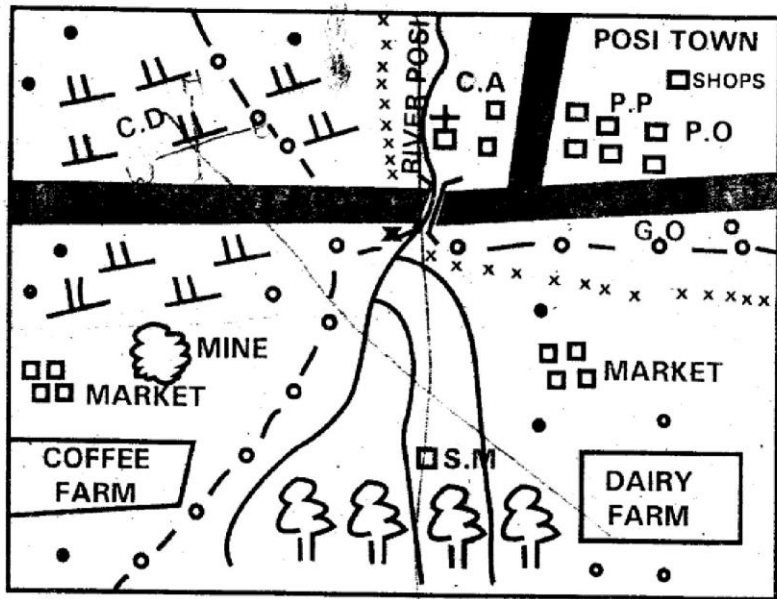
11. Your dark line MUST be within the box.

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

TURN OVER

POSI AREA

KM
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

KEY
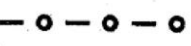
▬ — TARMAC ROAD

🌳🌳🌳 — FOREST

⊥⊥ ⊥⊥ ⊥⊥ — SCRUB

☐☐☐☐ — PERMANENT BUILDINGS

●●●●●●● — SETTLEMENTS

—o—o—o — SUB - COUNTY BOUNDARY

P.P — POLICE POST

P.O — POST OFFICE

C.A — COUNTY ASSEMBLY

✝ — CHURCH

C.D — CATTLE DIP

S.M — SAWMILL

G.O — GOVERNOR'S OFFICE

Use the map of Posi area to answer questions 1 – 7

1. The highest part of Posi area lies to the _____.

   A. East   B. West
   C. South   D. North East

2. What is the direction of the dairy farm from the cattle dip?
   A. South – East   B. South – West
   C. North – East   D. North – West

3. The following social services are available in Posi town except one. Which one is it?

   A. Administrative
   B. Communication
   C. Religious
   D. Health

4. The elected head of Posi area is likely to be _____.
   A. A member of the county assembly
   B. A county governor
   C. A district commissioner
   D. A district officer

5. Three of the following economic activities are carried out in Posi area. Which one in NOT?

C. Nigeria   D. Sudan

37. One aspect of the traditional shifting cultivation is that _____.
    A. Hired labour was widely used
    B. Machines were used in ploughing the land
    C. Crops were grown mainly for subsistence
    D. Crops were grown in plantations.

38. Which of these pastoral communities is mainly found in the Sahel region of Africa?
    A. The Tswana   B. The Zulu
    C. The Fulani   D. The Ankole

39. One of these sets of crops were grown by communities found in Kenya in the pre – colonial period. Which one is it?
    A. Millet, sorghum and cassava
    B. Maize, tea and cotton
    C. Sugarcane, maize and wheat
    D. Wheat, sunflower and sorghum

40. The following are marriage systems legally recognized in Kenya. Which among them is conducted by clan elders?
    A. Civil marriage
    B. Customary marriage
    C. Christian marriage
    D. Islamic marriage

41. Posters and pamphlets are part of

    _____.
    A. Electronic media
    B. Print media
    C. Cornier services
    D. Postal services

42. One of the following dam projects found in Africa is shared by two countries. Which one is it?
    A. Kariba dam project
    B. Aswan high dam project
    C. Akosombo dam project
    D. Seven forks dam project

43. The following mined in Africa.
    (i) It is used in making electronics
    (ii) It is used in making ornaments
    (iii) It is used in making water pipes
    (iv) It is used in making motor vehicle radiators.
    The mineral described above is _____.
    A. Copper   B. Gold
    C. Soda ash   D. Petroleum

44. Which of these forms of transport is the best for transporting cut flowers from Thika to Nairobi?
    A. Air transport
    B. Road transport
    C. Railway transport
    D. Cable transport

45. The following are African countries. Which among them does not lie along the Great North Road?
    A. Zimbabwe   B. Egypt
    C. Niger   D. Ethiopia

46. The following are objectives of forming ECOWAS trading bloc except one. Which one is it?
    A. To promote economic development among members
    B. To create a large market for trade goods.
    C. To increase tariffs charged on goods produced in the region
    D. To encourage free movement of people in the region

47. Leather tanneries and sawmills are classified under _____.
    A. Processing industries
    B. Tertiary industries
    C. Assembly industries
    D. Secondary industries

48. Which of these tourist attractions is matched correctly with the country where it is located?
    A. White sandy beaches – Zimbabwe
    B. Pyramids at Giza – Kenya
    C. Robben Island – Mauritius
    D. Bwindi National Park – Uganda

49. One of the following fishing methods involve the use of two boats?
    A. Harpooning
    B. Purse seining
    C. Trawling
    D. Angling

50. Who among the following was involved in trading activities in Eastern Africa?
    A. Ludwig Krapf
    B. Seyyid Said
    C. Johann Rebmann
    D. John Speke

51. The following are traditional African communities. Which among them was ruled by a chief?

A.   The Soninke of Western Africa
B.   The Ameru of Kenya
C.   The Baganda of Uganda
D.   The Khoikhoi of Southern Africa

52. Who among the following traditional
     African leaders signed the treaty of
     Bissandugu with the French?
     A. Samori Toure
     B. Mwanawina Lewanika
     C. Chief Mkwawa
     D. Kinjeketile Ngwale

53. The following are African countries
     (i)   Tanzania
     (ii) Egypt
     (iii) Ghana
     (iv) Mozambique

     Which of the above countries was the
     last to gain its independence?
     A. (i)   B. (ii)
     C. (iii)   D. (iv)

54. One duty of I.E.B.C in Kenya is to

     _____.
     A.   Appoint its own chairperson
     B.   Campaign for the ruling party
     C.   Provide funds for political parties
          during campaign period
     D.   Register voters in various parts of the
          country

55. Who among the following state officers
     belongs to the judiciary arm of the
     government?
     A. Attorney General
     B. President of the Supreme Court
     C. The Deputy President
     D. A cabinet secretary

56. Election of members of parliament to the
     National Assembly is form of _____.
     A. Pure democracy
     B. Liberal democracy
     C. Direct democracy
     D. Indirect democracy

Use the map of Africa below to answer
question 57 – 59
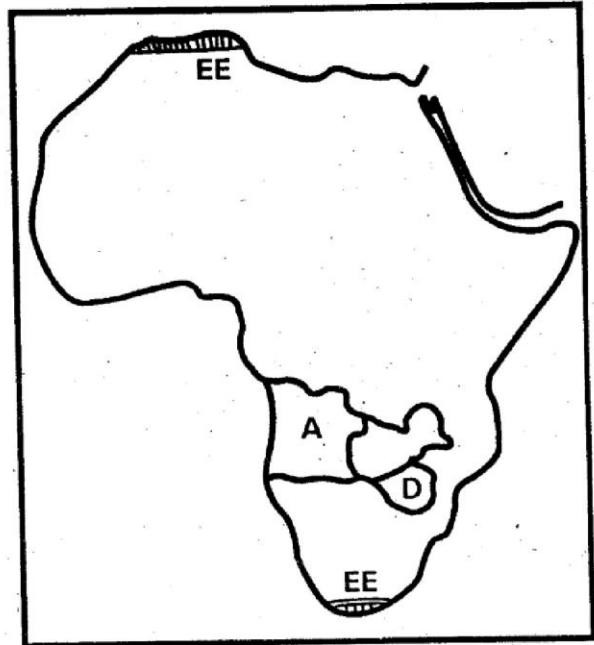
57. What system of colonial administration
     was used in the county marked D on the
     map?
     A. Assimilation
     B. Direct rule
     C. Association
     D. Indirect rule

58. The capital city of the country marked A
     on the map is _____.
     A. Luanda   B. Maputo
     C. Brazzaville   D. Kinshasa

59. Which of these trees are likely to do well
     n the region shaded and marked EE on the
     map?
     A. Acacia and baobab
     B. Fir and beech
     C. Camphor and mahogany
     D. Mvule and teak

60. The following are contributions of a leader
     In Africa?
     (i) He reformed the judicial system in his
          country
     (ii) He embarked on land redistribution
     (iii) He was a founder member of O.A.U
     (iv) He promoted economic development
          in his country

     The personality described above is

     _____.
     A. Sedar Senghor
     B. Julius Nyerere
     C. Gamal Abdel Nasser
     D. Nelson Mandela

A. Farming   B. Mining
C. Trading   D. Fishing

6. The climatic conditions experienced in the southern part of the map are likely to be _____ .

   A. Cool and dry conditions
   B. Cool and wet conditions
   C. Hot and wet conditions
   D. Hot and dry conditions

7. A thief was caught stealing from a shop in Posi town. The immediate thing for the crowd to do is to _____ .
   A. Stone the thief to death.
   B. Take the thief to the church.
   C. Take the thief to the County Assembly.
   D. Take the thief to the police post.

8. The furthest point to the North of Africa lies in _____ .
   A. Egypt   B. Tunisia
   C. Western Sahara   D. Chad

9. One of the following countries borders the Indian Ocean. Which one is it?
   A. Niger   B. Gabon
   C. Mozambique   D. Angola

10. Which of the following is a desert region in Ethiopia?
    A. Taru desert
    B. Ogaden desert
    C. The Sahara
    D. Nubian desert

11. Lake Tanganyika and Lake Edward were formed as a result of _____ .
    A. Faulting
    B. River deposition
    C. Wind action
    D. Downwarping

12. Which of these sets of rivers drain into the Atlantic Ocean?
    A. Juba and Shibelli
    B. Niger and Congo
    C. Kagera and Rufiji
    D. Cunene and Athi

13. Three of the following islands are found in Lake Victoria. Which one is NOT?
    A. Ssese   B. Bukasa
    C. Faza   D. Ndere

14. An aneroid barometer is used in measuring one of the following elements of weather. Which one is it?

A. Speed of wind
B. Temperature of the day
C. Atmospheric pressure
D. Humidity of the day

15. One of the following mountains was formed as a result of faulting. Which one is it?
    A. Mount Pare
    B. Mount Meru
    C. Mount Cameroon
    D. Atlas mountains

16. One characteristic of the coastal plains of Kenya is that _____ .
    A. It is located at a high altitude
    B. It is narrow to the south but wider to the north
    C. It has many mountains and hills
    D. It mainly experiences relief rainfall

17. A complete rotation of the earth
    A. Takes forty eight hours
    B. Takes three hundred and sixty five days
    C. Takes twenty four hours
    D. Causes different seasons

18. The two periods when the length of days and nights vary are called _____ .
    A. Equinoxes   B. Perihelion
    C. Solstices   D. Seasons

19. The black cotton soils have the following characteristics except one. Which one is it?
    A. They have fine particles
    B. They are found in plains such as the lake basin
    C. They are sticky when wet
    D. They have large air spaces

20. Which of the following is NOT likely to cause soil erosion in an area?
    A. Monocropping
    B. Mulching
    C. Devegetation
    D. Up the slope cultivation

21. The Congo basin is found in one of the following climatic regions of Africa. Which one is it?
    A. Savanna climate
    B. Equatorial climate
    C. Desert climate
    D. Mountain climate

22. Which of these lakes is found on the Western branch of the Rift Valley?
   A. Lake Albert
   B. Lake Manyara
   C. Lake Shala
   D. Lake Tana

23. Three of the following are characteristics of desert and semi – desert vegetation. Which one is NOT?
   A. It consists of short scattered thorny shrubs
   B. It has drought resistant plants
   C. Plants have shiny leaves that reflect light
   D. Plants are evergreen with broad leaves

24. One of these towns found in Kenya is crossed by the equator. Which one is it?
   A. Nanyuki
   B. Wajir
   C. Nairobi
   D. Kitale

25. The time on town Y located at 75^0 East is 4.00 p.m. What will be the time at town Z located at 30^0 East?
   A. 1.00 a.m
   B. 7:00 a.m
   C. 1.00 p.m
   D. 7.00 p.m

26. The following basins are found in Africa.
   (i) Congo basin
   (ii) El Djouf basin
   (iii) Makarikari basin
   (iv) Orange basin
   Which of the above basins is located in West Africa?
   A. (i)
   B. (ii)
   C. (iii)
   D. (iv)

27. Which of these sets of communities consist of Southern cushites only?
   A. Iraqw and Falasha
   B. Boran and Somali
   C. Rendille and Dodog
   D. Sandawe and Iraqw

28. The Kwa group of people of West Africa consist communities such as the

   _____.
   A. Soninke and Malinke
   B. Susu and Mande
   C. Fulani and Dagomba
   D. Denkyira and Yoruba

29. Which of these were the original inhabitants of Central Africa?
   A. The Ngoni
   B. The Zulu
   C. The Bambuti
   D. The Afrikaners

30. The main way of interaction among the Luo and the Abaluhya in the pre – colonial period was through _____.
   A. Games and sports
   B. Barter trade
   C. Warfare
   D. Religious ceremonies

31. Which of these sets of communities found in Eastern Africa are all plains nilotes?
   A. Karamojong, Samburu and Iteso
   B. Madi, Dinka and Acholi
   C. Langi, Jopadhola and ALur
   D. Nandi, Turkana and Pokot

32. The following communities settled at the coastal part of Kenya in the pre – colonial period
   (i) Dawida
   (ii) Giriama
   (iii) Digo
   (iv) Duruma
   (v) Pokomo

   Which among the above are part of the Mijikenda communities?
   A. (i) and (ii)
   B. (ii) and (iii)
   C. (iii) and (v)
   D. (iv) and (v)

33. Members of the teaching staff at Penseli Primary school have an opening meeting in the school hall. Who among the following is most likely to write the minutes?
   A. The headteacher
   B. The prefect
   C. The school's accountant
   D. The deputy headteacher

34. One of the following is NOT a cultural artefact in Kenya. Which one is it?
   A. A woven basket
   B. A wooden headrest
   C. An old vehicle tyre
   D. A gourd

35. The following were age - sets among Kalenjin communities in the pre – colonial period. Which one is NOT?
   A. Maina
   B. Chumo
   C. Sawe
   D. Kiplangat

36. Three of the following are cocoa growing countries in Africa. Which one is NOT?
   A. Cote d'Ivoire
   B. Benin

CHRISTIAN RELIGIOUS EDUCATION

61. What did God create on His fifth day of creation?
    A. Domestic an d wild animals
    B. Land, sea and vegetation
    C. Sea creatures and the birds
    D. The sun, moon and stars

62. Which of the books found in the Bible is classified as a historical books?
    A. Joshua
    B. Exodus
    C. Leviticus
    D. Numbers

63. One of the following was the occupation of Cain?
    A. Farming
    B. Fishing
    C. Carpentry
    D. Priesthood

64. Joseph overcame temptations when he was in Egypt. He was tempted by
    _____.
    A. Potipher's wife
    B. King Herod
    C. Pharaoh
    D. Potipher's brother

65. Which of these statements in true of Moses?
    A. He was called by God when living at Haran
    B. He was called by God when living at Caanan
    C. He was an Egyptian
    D. He was a Hebrew

66. Which of these kings was angry when he heard women praising David more than him?
    A. King Ahab
    B. King Joash
    C. King Saul
    D. King Hezekiah

67. Which of these mountains mentioned in the Bible is associated with the place where Noah's ark rested after the great flood?
    A. Mount Hebron
    B. Mount Moriah
    C. Mount Nebo
    D. Mount Ararat

68. One of the following was a consequence of sin by Adam and Eve at the garden of Eden. Which one is it?
    A. Human beings became as wise as God.
    B. Human beings started working.
    C. Human beings were not to live forever
    D. The lifespan of human beings was increased

69. The parents of Mahlon and Chillion were
    _____.
    A. Naomi and Elimelech
    B. Ruth and Elimelech
    C. Ruth and Obed
    D. Naomi and Obed

70. Which prophet condemned King David when he took Uriah's wife?
    A. Prophet Elijah
    B. Prophet Nathan
    C. Prophet Elisha
    D. Prophet Micah

71. Jacob experienced a dream in which he saw a stairway from earth to heaven at
    _____.
    A. Bethel
    B. Bethany
    C. Gilgal
    D. Peniel

72. According to the Passover regulations the Israelites were to _____.
    A. Eat sweet smelling herbs
    B. Eat bread that had yeast
    C. Eat meat from a slaughtered young goat
    D. Eat meat from slaughtered oxen

73. Who among the following members of the early church helped Saul to recover after he had become blind on the way to Damascus?
    A. Ananias
    B. Timothy
    C. Stephen
    D. Barnabas

74. According to Acts 4:32 – 36 one of the following members of the early church sold his field and brought all the money to the apostles. Whom is it?
    A. Paul
    B. Sapphira
    C. Joseph
    D. Silas

75. Who among the following was not one of the seven helpers chosen in the early church?
    A. Timon
    B. Peter
    C. Stephen
    D. Philip

76. In which of the following towns did Peter perform a miracle of raising the dead?
    A. Troas
    B. Lydda
    C. Joppa
    D. Jerusalem

77. The experience of Jesus and the Samaritan woman at Jacob's well teaches us to avoid one of the following vices. Which one is it?
    A. Tribalism
    B. Nepotism

C. Hoarding   D. Corruption

78. Who among the following members of the early church was a dealer in purple cloth?
    A. Phoebe   B. Mary
    C. Lydia   D. Priscilla

79. Which of these disciples of Jesus baptized the Ethiopian Eunuch after explaining the scriptures to him?
    A. Peter   B. Andrew
    C. Matthew   D. Philip

80. The story of Ananias and Saphira who were members of the early church teaches Christians the importance of

    _____.
    A. Honesty
    B. Fairness
    C. Being impartial
    D. Tolerance

81. Jesus healed Peter's mother in – law of

    _____.
    A. Madness
    B. Fever
    C. Leprosy
    D. Physical disability

82. Which miracle of Jesus teaches on the importance of generosity?
    A. Feeding 5000 people
    B. Healing of the paralysed man
    C. Healing of the ten lepers
    D. Healing of the Gerasene

83. On which occasion in the life of Jesus was heaven opened and God's voice was heard?
    A. During His crucifixion
    B. During His arrest
    C. During His baptism
    D. During His resurrection

84. The out pouring of the Holy Spirit on people during the day of Pentecost had been prophesied by _____.
    A. Prophet Isaiah
    B. Prophet Joel
    C. Prophet Micah

D. Prophet Hosea

85. According to the beatitudes, happy are those who are humble for _____.
    A. They will be comforted
    B. God will satisfy them fully
    C. The kingdom of heaven belongs to them
    D. They will receive what God has promised

86. The following are members of the laity in the church except?
    A. The youth leaders
    B. The bishops
    C. The ushers
    D. The deacons

87. In both African traditional society and Christianity?
    A. People worship God through singing and dancing
    B. People worship God through offering burnt sacrifices
    C. People worship God through reciting creeds
    D. People worship God through reading scriptures from the Bible

88. In the traditional African communities the youth wee mainly aught by _____.
    A. Their agemates
    B. Teachers in special schools
    C. Elders in the community
    D. The priests

89. Which parable of Jesus teaches us to assist others?
    A. The parable of the lost coin
    B. The parable of the sower
    C. The parable of a friend at midnight
    D. The parable of the good Samaritan

90. Christians in Kenya are mainly against the abuse of drugs because _____.
    A. It leads to poverty
    B. It defiles our bodies
    C. It leads to break up of families
    D. It causes indiscipline among the youth

GATUNDU SUB – COUNTY EXAMINATION
STANDARD EIGHT – TERM I 2016
SCIENCE

Time: 1 Hour 40 minutes

READ THESE INSTRUCTIONS CAREFULLY

1. You have been given the question booklet and a separate answer sheet. The question booklet contains 50 questions.

2. Do any necessary rough work in this booklet.

3. When you have chosen your answer, mark it on the **ANSWER SHEET**, not in the question booklet.

HOW TO USE THE ANSWER SHEET

4. Use an ordinary pencil only.

5. Make sure that you have written on the answer sheet.

YOUR INDEX NUMBER

YOUR NAME

NAME OF YOUR SCHOOL

6. By drawing a **dark line** inside the correct numbered boxes mark your full Index Number (i.e. School Code Number and the three-figure Candidate's Number) in the grid near the top of the answer sheet.

7. Do not make any marks outside the boxes.

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

9. For each of the Question 1 – 50 four answers are given. The answers are lettered A, B, C and D. In each case only **ONE** of the four answers is correct. Choose the correct answer.

10. On the answer sheet the correct answer is to be shown by drawing a **dark line** inside the box in which the letter you have chosen is written.

EXAMPLE

In the Question Booklet:

4. The carnassials teeth are mainly used for _____.
   A. tearing flesh   B. grinding flesh
   C. cutting flesh   D. slicing flesh

The correct answer is **D**

On the answer sheet:

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

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

11. Your **dark line MUST** be within the box.

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

TURN OVER

1. Which one of the following vessels takes deoxygenated blood from the heart to the lungs?
   A. Pulmonary vein
   B. Pulmonary artery
   C. Venacava
   D. Aorta

2. The following are effects of drug abuse
   (i) Lack of concentration
   (ii) Accidents
   (iii) Impaired judgment
   (iv) Truancy

   Which of these are health effects?
   A. (i) and (ii)
   B. (ii) and (iv)
   C. (iii) and (iv)
   D. (i) and (iii)

3. Which one of the following components of the environment is found everywhere?
   A. Water
   B. Soil
   C. Air
   D. Plants

4. Which one of the following is NOT a carnivorous plant?
   A. Water lily
   B. Venus fly trap
   C. Bladderworts
   D. Pitcher plant

5. Which one of the following is NOT a correct statement about digestion?
   A. Digestion ends in the large intestine
   B. Digested food is absorbed in the ileum
   C. Fats are digested in the duodenum
   D. Digestion starts in the mouth.

6. The two vaccines given to infants at birth are _____.
   A. DPT and BCG
   B. Antipolio and antimeasles
   C. Antipolio and BCG
   D. Antipolioand DPT

7. Study the diagram below.
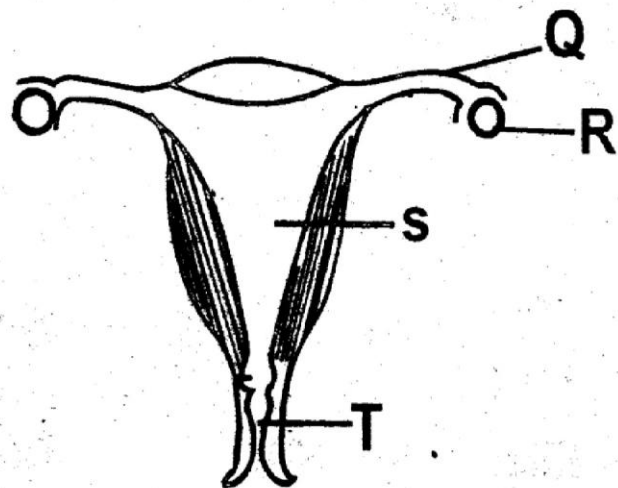
   In which of the above parts does fertilization take place?
   A. R
   B. Q
   C. S
   D. T

8. Transfer of heat by convection takes place in?

   A. Vaccum and gases

   B. Solids and gases

   C. Solids and liquids

   D. Gases and liquids

9. The following are uses of water in the body EXCEPT?

   A. Prevents the skin from drying

   B. Helps in the formation of blood

   C. Helps to cool the body

   D. Helps to prevent constipation.

10. Which one of the following consists of a pair of storage pests?

    A. Cutworms and weaverbirds

    B. Rats and aphids

    C. Weevils and termites

    D. White ants and cutworms

11. Which of the following is a green non-flowering plant?

    A. Fern

    B. Sisal

    C. Cabbage

    D. Cactus

12. The following are characteristics of animals.

    (i) Have varying body temperature

    (ii) Have scales

    (iii)   Breath by means of lungs

Which of the following animals has the above characteristics?

    A. Duck

    B. Crocodile

    C. Tilapia

    D. Toad

13. The illustration below represents an experiment carried out by std 7 pupils during their science lesson.
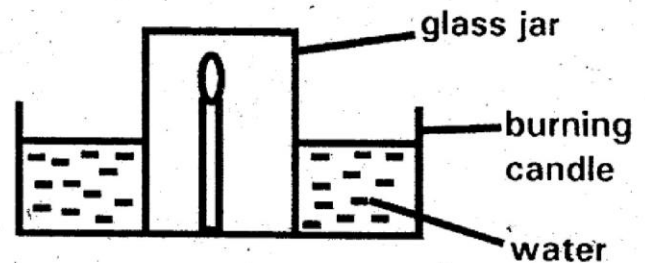
The experiment demonstrates that

    A. Part of air is used in burning

    B. Air occupies space

    C. Air exerts pressure

    D. Air has weight

14. Weight is measured in?

    A. Kilograms

    B. Newtons

    C. Litres

    D. Joules

15. Which of the following parts make up the pistil of a flower?

    A. Ovules, style, filament

    B. Anther, style, ovary

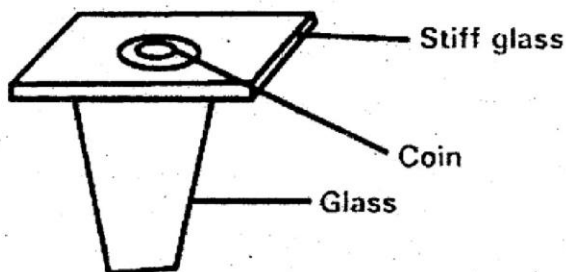   C. Stigma, style, ovary .

D. Ovary, filament, stigma

16. The following are uses of water for recreation EXCEPT?
   A. Surfing
   B. Swimming
   C. Boat racing
   D. Making fountains

17. Drugs taken to treat known diseases are known as
   A. Vaccines
   B. Pain killers
   C. Curatives
   D. Stimulants

18. Study the diagram below:

When the cardboard is flicked, the coin falls into the glass. This is due to

_____.
   A. Gravity
   B. Magnetism
   C. Inertia
   D. Friction

19. Which of the following groups is made up of magnetic materials only?
   A. Copper, steel, aluminium
   B. Iron, steel, cobalt
   C. Anico, aluminium, tin
   D. Bronze, iron, copper

20. Which of the following methods of food preservation is both modern and traditional?
   A. Drying
   B. Freezing
   C. Salting
   D. Use of honey

21. The best method of controlling weeds in wheat plantation is _____.
   A. Digging them out
   B. Uprooting
   C. Slashing
   D. Using herbicides

22. The illustration below represents an activity carried out by class four pupils during a lesson.
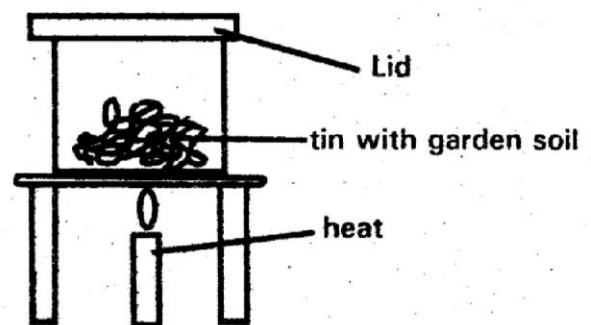
Which component of soil were the pupils investigating?

A. Water

B. Organic matter

C. Air

D. Mineral salts

23. The type of manure that is prepared by ploughing young green plants into the soil is _____.

A. Green manure

B. Compost manure

C. Organic mulches

D. Farm yard manure

24. The following are importance of lighting a house properly. Which one is NOT?

A. To discourage pests
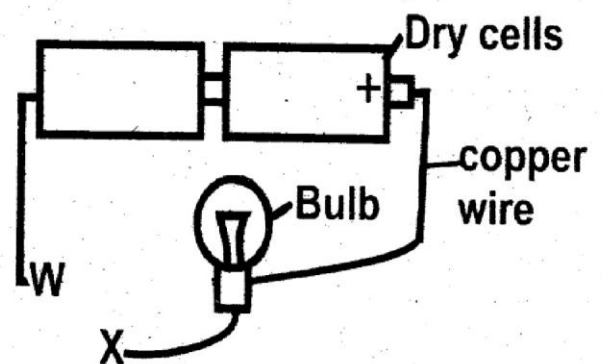
B. To see clearly

C. To read comfortably

D. To feel warm

25. A stone at the bottom of a swimming pool appears nearer the surface due to _____.

A. Reflection

B. Refraction

C. Dispersion

D. Radiation

26. Materials that allow some light to pass but one cannot see through them clearly are said to be _____.

A. Opaque

B. Transparent

C. Translucent

D. Clear

27. Study the diagram below:

Which one of the following material when used to connect wires between W and X would make the bulb light?

A. Dry piece of wood

B. Steel wool

C. Piece of glass

D. Plastic ruler

28. Which of the following types of erosion can occur without being noticed?

A. Gulley erosion

B. Sheet erosion

C. Rill erosion

D. Splash erosion

29. Which one of the following is NOT a straight fertilizer?

A. Calcium Ammonium Nitrate (CAN)

B. Single Superphosphate (SSP)

C. Bone Manure

D. Di Ammonium Phosphate (DAP)

30. Lack of enough calcium in the diet may lead to a deficiency disease called

_____.

A. Rickets

B. Kwashiorkor

C. Anemia

D. Marasmus

31. The main reason for mulching is to

_____.

A. Prevent the growth of weeds

B. Control soil erosion

C. Conserve soil moisture

D. Add fertility

32. The type of soil with the highest capillarity also has _____.

A. Large air spaces

B. Fine particles

C. Coarse texture

D. Low water retention

33. Which of following is NOT a communicable disease?

A. Malaria

B. Tuberculosis

C. Common cold

D. Tetanus

34. Which one of the following livestock parasites destroy wool in sheep?

A. Mites

B. Fleas

C. Ticks

D. Tsetse flies

35. Three of the following are rotational methods of grazing. Which one is NOT?

A. Paddocking

B. Tethering

C. Strip grazing

D. Stall feeding

36. Which method of parasite control eliminates both internal and external parasites?

A. Dosing

B. Spraying

C. Rotational grazing

D. Drenching

37. The diagram below shows the composition of air
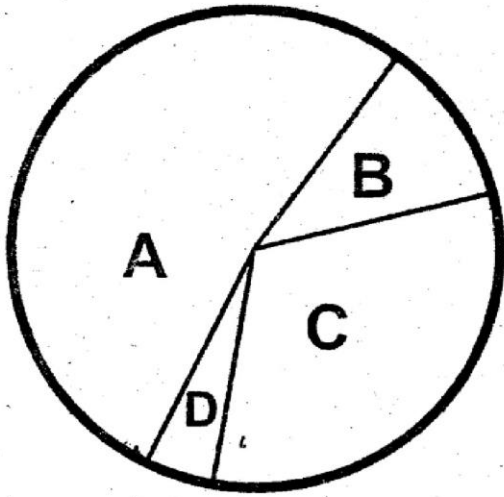
Which of the above gases is given out by plants during photosynthesis?

A. D

B. C

C. B

D. A

38. Which of the following components of blood transports oxygen in the body?

A. Red blood cells

B. Plasma

C. White blood cells

D. Platelets

39. Which one of the following plants store food in the stem?

A. Peas

B. Sugarcane

C. Sukuma wiki

D. Sugar cane

40. Which one of the following is an advantage of friction?

A. Causes wearing out

B. Causes unnecessary heat

C. Helps in walking

D. Opposes movement

41. In which stage of HIV infection does the victim test positive but has no visible signs and symptoms?

A. Window stage

B. Symptomatic stage

C. Full blown stage

D. Incubation stage

42. The main reason why a raingauge is buried 15 cm underground is to

_____.

A. Prevent evaporation of the collected water

B. Prevents water from splashing into the jar

C. Collect more water

D. Prevent the raingauge from damage

43. The total number of molars in an adult human being is _____.

A. 20

B. 32

C. 12

D. 8

44. Which of the following groups is made up of cereal crops only?

A. Beans, groundnuts, peas

B. Cassava, kales, coffee

C. Sorghum, barley, beans

D. Rice, wheat, maize

45. Which of the following shows the excretory products from the kidneys?

A. Sweat, faeces, urea

B. Urea, excess water, excess salt

C. Excess salt, faeces, water

D. Carbondioxide, urea, excess water

46. Three of the following are uses of water in the farm EXCEPT?

A. Washing toilets

B. Mixing chemicals

C. Irrigation

D. Watering animals

47. Which of the following changes is observed in both boys and girls during adolescence?

A. Pubic hair grows

B. Voice breaks

C. Wet dreams

D. Menstruation

48. An example of a lever with the load between the effort and fulcrum is

_____.

A. Crowbar

B. Claw hammer

C. Spade

D. Wheel barrow

49. Which of the following water borne diseases can be controlled by wearing protective clothing when working in stagnant water?

A. Cholera

B. Bilharzias

C. Typhoid

D. Malaria

50. The two gases that dissolve in rain water to form acid rain are

_____.

A. Carbon monoxide and Nitrogen

B. Sulphur dioxide and Carbon monoxide

C. Carbon dioxide and Sulphur dioxide

D. Hydrogen and Nitrogen

GATUNDU SUB – COUNTY EXAMINATION
STANDARD 8 – TERM I 2016
LUGHA YA KISWAHILI

Muda: Saa 1 dakika 40

SOMA KWA MAKINI MAAGIZO YAFUATAYO

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

JINSI YA KUTUMIA KARATASI YA MAJIBU

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

NAMBA YAKO YA MTIHANI

JINA LAKO

JINA LA SHULE YAKO

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

MFANO

Katika kijitabu cha maswali:

21. Tumia kiwakilishi 'amba' kujaza mwanya.

Mtoni _____ anateka maji ni kuchafu.

A. ambapo   B. ambamo
C. ambao   D. ambako

Jibu sahihi ni **D**

Katika karatasi ya majibu

| 1 | [A] [B] [C] [D] | 11 | [A] [B] [C] [D] | 21 | [A] [B̶] [C] [D] | 31 | [A] [B] [C] [D] | 41 | [A] [B] [C] [D] |

Katika visanduku vinavyoonyesha majibu ya swali namba 21, kisanduku chenye herufi B ndicho kilichochorwa kistari.

11. Chora kistari chako vizuri. Kistari chako kiwe cheusi na kisijitokeze nje ya kisanduku.

12. Kwa kila swali, chora kistari katika kisanduku kimoja tu kati ya visanduku vine ulivyopewa.

TURN OVER

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

_____1_____ mitihani ya kitaifa nchini _____2_____ umekuwa tatizo sugu katika siku za _____3_____ karibuni. _____4_____ huu umekuwa ukitekelezwa na walimu _____5_____ wakishirikiana na _____6_____ ya wanafunzi na wazazi. _____7_____ pia zimekuwa zikielekezwa kwa maafisa wa _____8_____ la Mitihani Nchini navyo vyombo vya _____9_____ havijaachwa nuyma ambavyo ndivyo nyenye jukumu la kulinda mitihani hiyo.

	A	B	C	D
1.	Uwizi	wezi	wizi	ujambazi
2.	mwetu	yetu	hii	letu
3.	hapo	hivi	kote	humu
4.	Uovu	Ujuzi	Wema	Ufanisi
5.	mabruki	wahuni	watiifu	wazuri
6.	baadhi	miongoni	kati	baina
7.	sifa	tuhuma	vidole	nia
8.	kamati	Tume	Baraza	Jopo
9.	uchaguzi	dola	utunzi	ukaguzi

Mvua ilinyesha _____10_____ pasi kupusa. Wengi walitarajia _____11_____ lakini wapi! Kila siku _____12_____ kuyoyoma ndivyo hali ilivyozidi _____13_____. Eneo _____14_____ lilifunikwa _____15_____ maji tukawa hatuna hali.

	A	B	C	D
10.	kisawasawa	kidindia	mwingi	jingi
11.	ingepungua	ingeendelea	ingekauka	ungekoma
12.	ilivyozidi	ilipozidi	zilivyozidi	ziliposidi
13.	kudorora	kuimarika	kuvutia	kushamiri
14.	mzima	yote	kote	zima
15.	na	kwa	la	ya

16. **Udogo wa** mto mkubwa mrefu ni

    _____

    A. kimto kikubwa kirefu
    B. jito kubwa refu
    C. jimto kubwa mrefu
    D. kijito kikubwa kirefu

17. Mtu mwenye jina sawa na lako ni

    _____

    A. mwenzi
    B. kipenzi
    C. somo
    D. msena

18. Utamwitaje mtoto wa ndugu?
    A. Binamu
    B. mpwa
    C. wifi
    D. mnuna

19. Dereva wa garimoshi ni _____
    A. Nahodha
    B. Rubani
    C. kandawala
    D. Saisi

20. Chagua sentensi iliyo katika wakati timilifu.
    A. Ningecheza ningechangamka
    B. Sijamwona wala sijamtafuta.
    C. Alinipongeza kwa ushujaa wangu.
    D. Ningalicheza ningalituzwa.

21. Ni nambari gani ambayo ni **witiri**.
    A. 30
    B. 9
    C. 16
    D. 2

22. Wingi wa 'Nyani mkubwa na kobe mdogo' ni _____
    A. Nyani wakubwa na kobe wadogo
    B. Manyani wakubwa na makobe madogo.
    C. Manyani makubwa na makobe madogo.
    D. Nyani makubwa na kobe madogo.

23. Jina jingine la **matlai** ni _____
    A. kusini
    B. Kaskazini
    C. Magharibi
    D. mashariki

24. Mtu asiyeweza kusikia huitwa

    _____

    A. kibyongo
    B. kiduko
    C. toinyo
    D. kisiwi

25. Anayejenga nyumba kwa jumla huitwa_____
    A. seremala
    B. saisi
    C. mjenzi
    D. mpangazi

26. Ng'ombe wa kiume aliyehasiwa huitwa _____
    A. mbuguma
    B. njeku
    C. mtamba
    D. maksai

27. Kanusha: Nipe nikupe.
    A. Usinipe nisikupe
    B. Nipe nisikupe
    C. Sinipe ni sikupe
    D. Usinipe wala nisikupe.

28. Pambo gani ni tofauti na mengine.
   A. ushanga   B. kikuku
   C. mkufu   D. kidani

29. Mpira wa miguu huwa na umbo gani?
   A. mche   B. Dhara
   C. mduara   D. tufe

30. Gari liliegeshwa **kado ya** barabara. Maneno yaliyopigiwa mstari ni
   _____
   A. viingizi
   B. vihusishi
   C. vihisishi
   D. vielezi

Soma kifungu kifuatacho kisha ujibu maswali 31- 40

Kwa wavyele wengi siku hizi, kumlea mwana ni kukimu mahitaji yake ya kimsingi na ya kimaisha kwa jumla. Hii ni **dhana potovu** ambayo imeshikiliwa na wengi wa walezi wa ulimwengu wa leo. Maisha ya siku hizi ni mkikimkiki na sote tu mbioni tukitafuta **kutononoka**. Leo ni tofauti na zamani ambapo wazazi walipigania kutimiza mahitaji yao ya ulezi. Hawakuwa na haja na utajiri kama walivyo wazazi wa kizazi cha leo. Mbali na kutimiza mahitaji ya kimsingi ya wana wao, wazazi wa siku hizi wanashindana na wenzao katika kukimbilia ukwasi na hata kuwapekeleka wengine kushindwa kutekeleza wajibu wao wa kuwa na ukuruba na wana wao.

Kutokana na hayo watoto wengi wamechukua fursa hiyo kuwapumbaza wazee wao na kujitosa katika maovu. Wengine wamejiangamiza kutokana na uhuru usio na masharti wala mipaka. Kuna wale ambao wamejitosa katika janga la ulevi wa mihadarati na vileo. Katika raha zao wengi **wameelekea jongomeo** wakati raha hizo zinapozidi na kugeuka karaha. Hata kuna wale wanaojiangamiza katika ajali za barabarani kwa kuyaendesha magari ya wazazi wao wakiwa walevi chakari.

Yafaa turejelee yale malezi ya jadi ambapo kila mzee katika jamii alimjali mtoto awe ni mwanawe au wa jirani. Wengi wa wazazi siku hizi hujipata wakiwazika wanao wakiwa wabichi **hata kabla ya muda wa mauko yao kutimia.**

31. Kwa mujibu wa wavyele wengi, kumlea mwana ni _____
    A. Kumwendekeza kwa jumla
    B. Kutimiza mahitaji yake ya kimsingi na mengineyo
    C. Kumshurutisha kutekeleza majukumu yote.
    D. Kupuuza mahitaji ya kimsingi ya mtoto.

32. Mwandishi amezungumzia **dhana potovu**, je ana maana gani?
    A. Wazo ambalo halina ukweli.
    B. Kudhani kulikochelewa
    C. Fikra ambazo zina ukweli japo zimechelewa.
    D. Mawazo ambayo hayahitaji kushughulikiwa.

33. Kulingana na mwandishi, maisha ya siku hizi _____
    A. Ni ya taratibu
    B. Hayafai kwani watoto wanajiongoza
    C. Ni ya mbio kila mmoja akikimbilia fanaka.
    D. Hayapendwi na wavyele wengi.

34. **Kutononoka** ni _____
    A. Kukabiliwa na ugumu maishani.
    B. Hali ya mtu maishani kuwa bora.
    C. Kuwa na tabia ya kukasirikakasirika maishani.
    D. Kuishi maisha ya upweke.

35. Mbona wazazi wa siku hizi wameshindwa kutimiza wajibu wao katika malezi.
    A. Wanaona hapana haja.
    B. Wazazi wenyewe huchukiana wao kwa wao.
    C. Wako mbioni katika mashindano ya kutafuta sifa na ukwasi.
    D. Wanaogopa kuwa karibu na wana wao.

36. Ni fursa gani ambayo mwandishi anasema kuwa imechukuliwa na watoto?
    A. Ya wavyele kuwa wenye shughuli nyingi.
    B. Ya wazazi kuwa na shughuli muhimu na adimu.
    C. Ya wavyele katika kutekeleza wajibu wao wa ulezi.
    D. Ya wazazi katika kujiingiza katika maovu.

37. Uhuru usio na mipaka _____
    A. Umewatia wazazi hofu.
    B. Umesababisha kupotea kwa uhai.
    C. Umeimarisha maisha ya watoto.
    D. Umewapumbaza wazee waliojiingiza katika maraha.

38. Katika ------------ wengi wameelekea jongomeo ina maana _____
    A. Wengi wameelekea kusikotarajiwa.
    B. Wengi wamejiingiza katika mashaka.
    C. Wengi wameelekea safari za mbali.
    D. Wengi wamekufa.

39. ----------- wabichi hata kabla ya muda wa mauko yao kutimia. Maneno haya yana maana _____
A. Hata kabla ya kutimiza umri wa haja, wao hufa.
B. Hata kabla ya kuamka wakiwa wabichi.
C. Wengi hujitosa katika uhuni wakiwa bado wabichi.
D. Wengi huishi maisha marefu kwa kupuuza maisha ya ujana wao.

40. Kichwa mwafaka kinachofaa ufahamu huu ni _____
A. Aushi ya zamani.
B. Majukumu ya mvyele wa leo katika malezi.
C. Malezi ya kisasa yatia fora. yakilinganishwa nay a zamani.
D. Kumlea mtoto kisasa.

Soma taarifa ifuatayo kisha ujibu maswali 41 - 50

Ingawa ilikuwa <u>siku ya siku</u> kwa wengi katika nchi yangu, mimi sikuwa na hali. Niliamka alfajiri kabla ya jogoo wa pili kutoa mlio wake wa kuikaribisha siku. Nilikeli kitandani na kumshukuru Mzima Nyota kwa kunipa pumzi za uhai kwa siku nyingine. Nilimpa kongole kwa kuniruhusu niishi kwa siku nyingine licha ya kuwa wengi walinifahamu kama <u>maskini wa nyasi</u> ambaye kwake hakukufuka moshi.

Nilikifungulia kijiredio changu na kuanza kusikiliza kituo nilichokienzi. Mtangazaji alisikika kuwa na ukakamavu wa kuwakambusha wananchi kuhusu siku ile muhimu ywa uhuru wa taifa letu. Alisisitiza kuhusu umuhimu wa uzalendo. Nusura niyatie masikio yangu komango alipodai kuwa wananchi wote nchini waliishi kwa furaha na walijivunia matunda ya uhuru uliopiganiwa na wazee wetu. Sikuelewa alichokuwa akimaanisha kwani baba yangu alikuwa mzalendo kindakindaki na aliyapoteza maisha yake msituni akipigania uhuru na licha ya juhudi zake, kile kidogo alichotuachia kilitwaliwa na matajiri wenye uchu ambao nilisikia kuwa walikuwa washirika wa karibu wa mabeberu.

Nilihisi chuki imezagaa katika nafsi yangu na nikawachukia kwa mara ya elfu wale viongozi walioruhusu unyanyasi kuendelezwa nchini na kuwafanya

wana wa wazalendo kukosa mahitaji ya kimsingi kwa sababu hawakuwa na watetezi. Hatua chache kutoka kibandani pangu ningewasikia wana wa walonacho wakisherehekea kwa nyimbo na vigelegele. Maswali chungu nzima yaliduru ubongoni mwangu na nikatamani niihame nchi yangu kwani **akufukuzaye hakwambii toka.**

41. Mwandishi amesema ilikuwa **siku ya siku**. Ana maana gani?
    ___
    A. Ilikuwa siku ya mwisho mwakani.
    B. Ilikuwa siku yake ya kuzaliwa.
    C. Ilikuwa siku muhimu sana.
    D. Ilikuwa siku ya kuzungumzia.

42. Maelezo katika aya ya kwanza yanaashiria ___
    A. Hali ngumu ya maisha ya mwandishi.
    B. Vile mwandishi alivyoamka kabla ya jogoo wa kwanza.
    C. Hali ya Mungu kumnyima mwandishi pumzi za uhai.
    D. Hali ya jumla ya uchumi wa taifa aliloishi mwandishi.

43. Maneno 'maskini wa nyasi' yametumika katika aya ya kwanza. Yana maana ___
    A. Maskini aliyelalia nyasi.
    B. Maskini hakika asiyekuwa na chochote.
    C. Maskini aliyelazimika kula nyasi kutokana na ukosefu.
    D. Maskini aliyetokana na ukoo wa nyasi.

44. Maneno yaliyonenwa na mtangazaji redioni ___
    A. Yalimfanya mwandishi aghairi nia.
    B. Yamfanya mwandishi aipende nchi yake zaidi.
    C. Hayakumgeuza mwandishi kimawazo na kidhana kuhusu nchi yake.
    D. Yalimkasirisha mwandishi hata ikambidi aizime redio.

45. Mtangazaji aliposema kuwa wananchi wote walijivunia uhuru, mwandishi ___
    A. Aliyaziba masikio
    B. Alianza kujisemeza kimoyomoyo.
    C. Aliizima redio kwa hasira na kero.
    D. Aliudhika karibu ayazibe masikio yake.

46. Kwa mujibu wa ufahamu, baba wa mwandishi ___
    A. Alikuwa msaliti halisi.
    B. Aliipenda nchi yake kwa moyo wa dhati.
    C. Nusura ayapoteze maisha yake akipigania nchi.
    D. Alinyang'anywa kila kitu na wakwasi wenye tamaa.

47. Ni dhahiri kuwa mwandishi
    _____

    A. Alikuwa na tabia ya
       kuwachukia wanyanyasaji.
    B. Alifaidika na juhudi za baba
       yake.
    C. Alikuwa mshirika wa karibu
       wa mabeberu.
    D. Aliwaezi viongozi waliokuwa
       mamlakani.

48. Viongozi walokuwa mamlakani
    _____

    A. Waliwajali wanyonge na
       kuwatetea.
    B. Hawakuonekana
       kuwashughulikia waliokuwa
       wachochole.
    C. Walikuwa waadilifu.
    D. Walikuwa watetezi wa
       wanyonge.

49. Mwandishi alimaanisha nini
    aliposema kuwa ' akufukuzaye
    hakwambii toka'? _____
    A. Asiyekutaka huonyesha dalili.
    B. Anayekufukuza huwa mwenye
       amani.
    C. Mwenye mbio ndiye hufukuza.
    D. Asiyekupenda hukuonyesha
       waziwazi.

50. Mada mwafaka kwa ufahamu huu
    ni _____
    A. Sherehe za siku ya uhuru.
    B. Kijana aliyefaidika na uhuru
    C. Uhuru usiostahili majivuno.
    D. Sherehe zilizotia fora.

GATUNDU SUB – COUNTY EXAMINATION

STANDARD EIGHT – TERM I 2016

MATHEMATICS

Time: 2 hours

READ THESE INSTRUCTIONS CAREFULLY

1. You have been given the question booklet and a separate answer sheet. The question booklet contains 50 questions.

2. Do any necessary rough work in this booklet.

3. When you have chosen your answer, mark it on the **ANSWER SHEET**, not in the question booklet.

HOW TO USE THE ANSWER SHEET

4. Use an ordinary pencil only.

5. Make sure that you have written on the answer sheet.

YOUR INDEX NUMBER

YOUR NAME

NAME OF YOUR SCHOOL

6. By drawing a **dark line** inside the correct numbered boxes mark your full Index Number (i.e. School Code Number and the three-figure Candidate's Number) in the grid near the top of the answer sheet.

7. Do not make any marks outside the boxes.

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

9. For each of the Question 1 – 50 four answers are given. The answers are lettered A, B, C and D. In each case only **ONE** of the four answers is correct. Choose the correct answer.

10. On the answer sheet the correct answer is to be shown by drawing a **dark line** inside the box in which the letter you have chosen is written.

EXAMPLE
In the question Booklet

24. A cylinder has a volume of 831.6cm³. If the height of the cylinder is 15cm, what is the diameter? $\left(\text{Take } \pi = \frac{22}{7} \right)$.

A. 4.2cm
B. 8.4cm
C. 55.44cm
D. 0.42cm

The correct answer is **B**
On the answer sheet:

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

In the set of boxes numbered 24, the box with the letter **B** 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.

TURN OVER

1. What is the place value of digit 4 in the number 3047289?
   A. Thousands
   B. Ten thousand
   C. Forty thousand
   D. Hundred thousand

2. What is 9.9986 correct to two decimal places?
   A. 9.99
   B. 9.00
   C. 10
   D. 10.00

3. Which one of the following is sixty nine million, sixty nine thousand and sixty nine in figures?
   A. 696969
   B. 6096969
   C. 69069069
   D. 6906969

4. What is the GCD of 72, 96 and 120?
   A. 24
   B. 12
   C. 6
   D. 1440

5. Which of the following is the correct order of writing the fractions $\frac{3}{8}, \frac{5}{16}, \frac{11}{32}, \frac{13}{48}$ from the largest to the smallest?

   A. $^3/_8, {}^{11}/_{32}, {}^5/_{16}, {}^{13}/_{48}$

   B. $^{13}/_{48}, {}^5/_{16}, {}^{11}/_{32}, {}^3/_8$

   C. $^3/_8, {}^5/_{16}, {}^{11}/_{32}, {}^{13}/_{48}$

   D. $^{13}/_{48}, {}^{11}/_{32}, {}^5/_{16}, {}^3/_8$

6. A trader sold 2.4 tonnes of maize in 2 kg packets. How many packets were sold?
   A. 2400
   B. 1200
   C. 120
   D. 12

7. What is the next number in the pattern? 2, 3, 5, 8, 13, _____
   A. 18
   B. 23
   C. 19
   D. 21

8. The figure below shows a rectangular piece of land XYZM in which YZ = 15m and XZ = 17m.
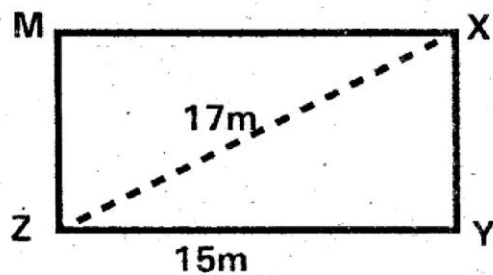
   What is the area of the piece of land?
   A. 255 m²
   B. 136 m²
   C. 120 m²
   D. 60 m²

9. Korir bought the following items from a kiosk.
   2kg of tomatoes @ sh 60
   $1/_4$ kg of onions @ sh 100
   $1/_2$ kg of meat for sh 220
   1 $1/_2$ kg of rice @ sh 90

   He paid for the items using a sh 1000 note. How much balance did he get?
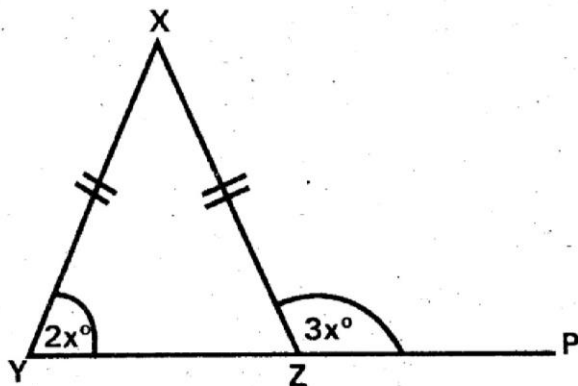
A. Sh. 470
B. Sh. 530
C. Sh. 500
D. Sh. 610

10. One hundred and fifty litres of milk was packed in two decilitre packets. How many packets were obtained?
A. 75
B. 750
C. 7500
D. 75000

11. What is the perimeter of the figure below? Take $\pi = \frac{22}{7}$

5m   5m

35m

45m
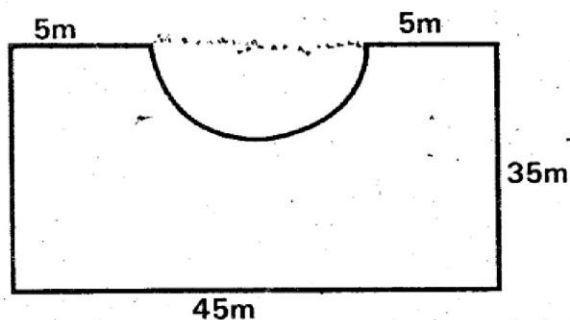
A. 180 m
B. 170 m
C. 205 m
D. 215 m

12. In triangle XYZ line XY = XZ, angle XYZ = $2x^0$ and angle XZP = $3x^0$

X

$2x^0$ $3x^0$ P
Y   Z

What is the value of angle YXZ?

A. 24^0
B. 108^0
C. 72^0
D. 36^0

13. A train left Kisumu town for Nakuru at 2100h. It arrived in Nakuru 8 hours later. At what time did the train arrive in Nakuru?
A. 5.00 am
B. 5.00 pm
C. 1.00 am
D. 1.00 pm

14. Jakayo spent $1/3$ of his salary on food and $2/5$ on rent. He was left with sh. 8000. What was his salary?
A. Sh. 22000
B. Sh. 40, 000
C. Sh. 28,000
D. Sh. 30,000

15. What is the square of $6^1/_4$?
A. $36^1/_{16}$
B. $39^1/_{16}$
C. $13^1/_{16}$
D. $2^1/_2$

16. What is the total value of digit 7 in the number 347812?
A. Thousand
B. Seventy thousand
C. Seven thousand
D. Seven hundred

17. What is the capacity of a container which measures 1.2 m by 1.0 m by 0.8 m in liters?
A. 960   B. 96
C. 9.6   D. 0.96

18. After an increase of 20%, Janet's salary became sh. 18,000. What was the increase?
    A. Sh. 3600
    B. Sh. 15000
    C. Sh. 3000
    D. Sh. 2400
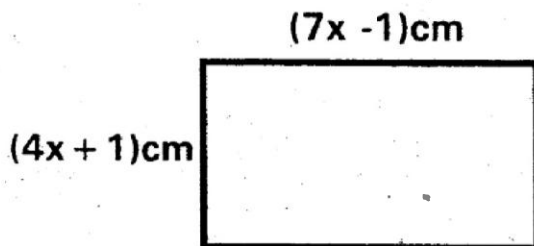
19. What is the value of $\frac{1.8 \times 19.2}{14.4}$?
    A. 24
    B. 2.4
    C. 0.24
    D. 34.56

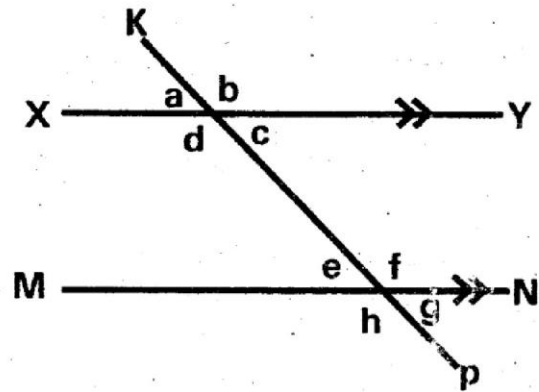20. What is the value of Y in the equation
    $1\frac{1}{3}y + 4 = 28$
    A. 6
    B. 32
    C. 8
    D. 18

21. The perimeter of the rectangle below is 154cm. what is its area?

    (7x -1)cm
    (4x + 1)cm

    A. 1392cm^2
    B. 1344cm^2
    C. 5529cm^2
    D. 2156cm^2

22. In the diagram below, choose the correct statement.

    A. a + c = f + h
    B. c + e = f + d
    C. a + c = e + g
    D. b + d = c + f

23. 3 men can plough a piece of land in 6 days. How much longer would 2 men take to plough the same piece of land?
    A. 9 days
    B. 3 days
    C. 4 days
    D. 6 days

24. Mochama uses 8 litres of petrol every 30 km. how much petrol will be needed to complete a journey of 72km?
    A. $3\frac{1}{3}$ L   B. 20 L
    C. 270 L   D. 19.2 L

25. What is the value of 17 ÷ 9 correct to 3 decimal place?
    A. 1.888
    B. 1.899
    C. 0.189
    D. 1.889

26. The scale on a map is 1:100000. What is the real length of a road which on the map is 8cm?
    A. 0.8 km   B. 8 km

C. 80 km   D. 800 km

27. In a school, the ratio of girls to boys is 5:8. If these are 312 more boys than girls, how many girls, how many girls are in school?
   A. 120
   B. 1352
   C. 520
   D. 1040

28. The average mass of six girls is 41 kg. Five of the girls weigh 41kg, 36kg, 45kg, 40kg and 38kg. What is the mass of the sixth girl?
   A. 46 kg
   B. 41 kg
   C. 45 kg
   D. 38 kg

29. An open cylindrical tin has a diameter of 14 cm and a height of 10 cm. what is the surface area of the tin in cm^2
   (Take $\pi = {}^{22}/_7$)
   A. 1540
   B. 1496
   C. 748
   D. 594

30. Work out $2\frac{1}{8} + \frac{1}{4}(1\frac{3}{8} - \frac{7}{8})$

   A. $1^3/_{16}$
   B. $^1/_8$
   C. $1^3/_4$
   D. $2^1/_4$

31. The hire purchase price of a machine is sh. 24,600. If the deposit was sh. 7,800 and the rest was paid in seven equal installments, how much was each installment?

A. Sh. 16,800
B. Sh. 2,400
C. Sh. 2,800
D. Sh. 3,514

32. How many cubes have been used to make the stack shown below?
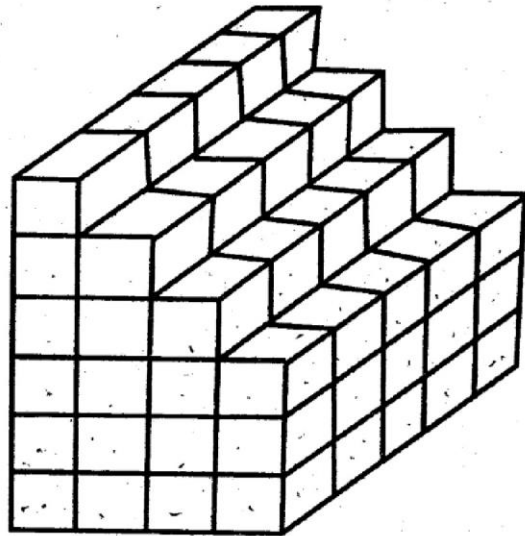
A. 90   B. 95
C. 106   D.100

33. What is the value of $\frac{2x^2 - \sqrt{y^2}}{y-x}$ if $x = 3$ and $y = 4$
   A. 14
   B. 2
   C. 32
   D. 20

34. A cylinder has a height of 12 cm. what is its diameter if its volume is 1848cm^3? (Take $\pi = {}^{22}/_7$)
   A. 154 cm
   B. 49 cm
   C. 14 cm
   D. 7 cm

35. What number multiplies 16.43 to give 1643?

A. 10
B. 100
C. 1000
D. 10000

36. The price of a phone increased from sh. 10,000 to sh. 12,500. What was the percentage increase?
A. 10%
B. 12.5%
C. 20%
D. 25%

37. The marked price for a bicycle was sh. 8,000. Muia was given a 15% discount for paying cash. How much money did he pay for the bicycle?
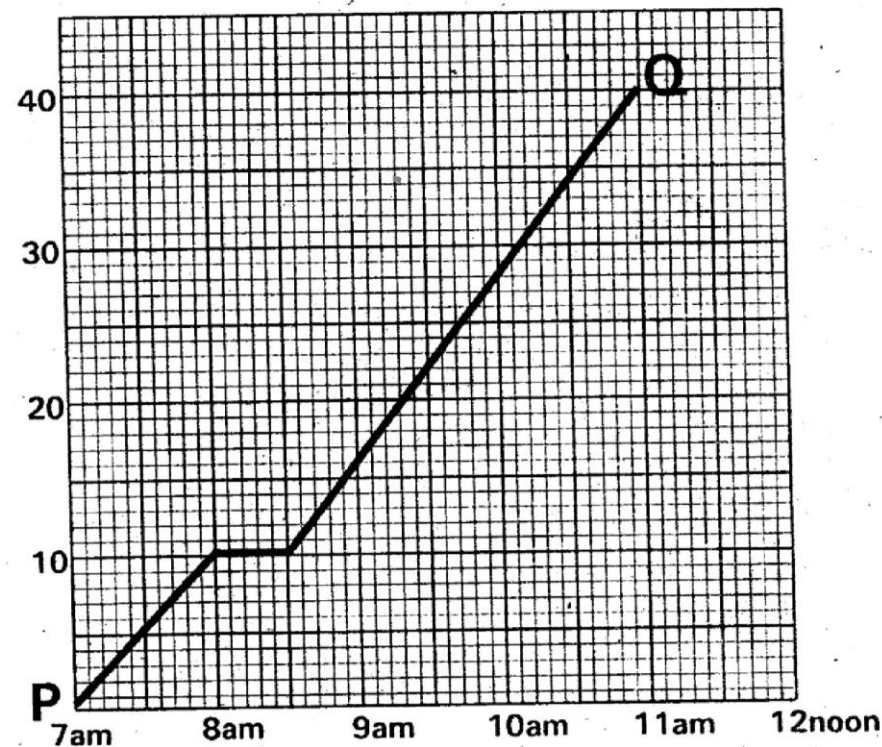A. Sh. 1200
B. Sh. 6800
C. Sh. 9200
D. Sh. 6000

38. What is the expression $6(2x + y + 1) + 4(x - y + 2)$ in simplified form?
A. $16x - 2y + 14$
B. $16x - 2y - 14$
C. $16x + 2y - 14$
D. $16x + 2y + 14$

39. In the figure below $AB = BC = CD$. Angle $ABC = 44^0$
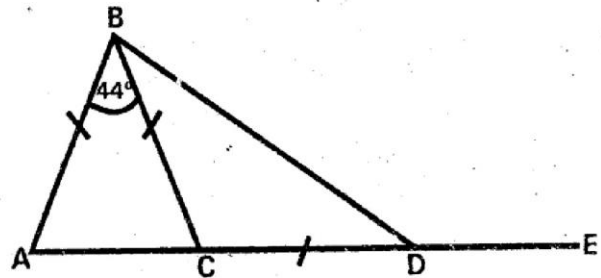
What is the size of angle BDE?
A. 68^0 B. 112^0
C. 146^0 D. 136^0

40. The graph below represents the journey of a cyclist travelling from town P to town Q.

What was the cyclist's average speed for the whole journey?

A. 10 km/h

B. 40 km/h

C. $11\frac{3}{7}$ km/h

D. 11 km/h

41. Construct a triangle XYZ such that side XY = 7 cm, XZ = 5cm and angle ZXY = 50^0. Draw a circle touching the points XY and Z. What is the radius of the circle?

A. 1.5 cm

B. 2 cm

C. 3.5 cm

D. 2.5 cm

42. The population of a village is represented by the pie chart below.
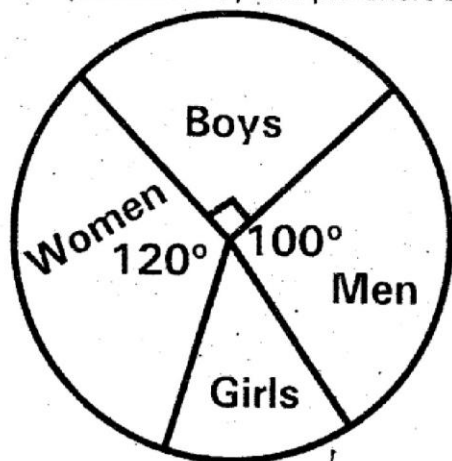
If there were 180 girls, how many more women than boys were there?

A. 108   B. 1296

C. 432   D. 324

43. Which one of the following quadrilaterals has only one pair of parallel lines?

A. Rhombus

B. Trapezium

C. Parallelogram

D. Rectangle

44. There were W women in a wedding. The number of children in the wedding was three times that of women but twenty more than that of men. The total number of women, men and children in the wedding was 195. Which one of the equations below can be used to find the number of women that were in the wedding?

A. 7w + 20 = 195

B. 3w + 26 = 195

C. 3w − 14 = 195

D. 7w − 20 = 195

45. Kawira borrowed some money at a simple interest of 10% p.a. After 2 years, she had paid a total interest of sh. 12000. How much money had she paid altogether?

A. Sh. 40,000

B. Sh.72,000

C. Sh.73,600

D. Sh. 15, 600

46. Which one of the following statements is correct?

A. $\frac{2}{5} > 0.4$

B. $\frac{4}{7} < 0.57$

C. $\frac{5}{8} > 0.62$

D. $\frac{7}{10} > 0.8$

47. What is the area of a square garden whose perimeter is 224 metres?
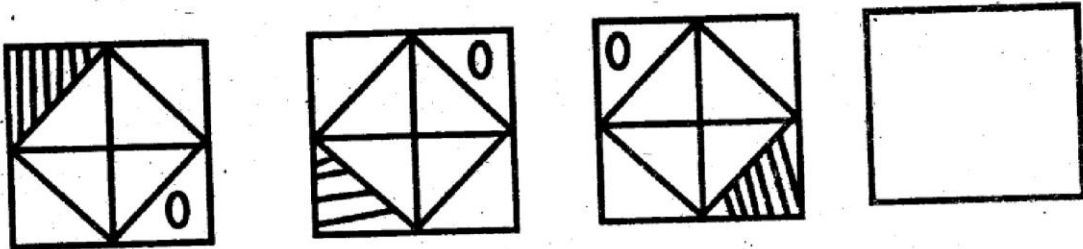
A. 56m²

B. 896m²

C. 2136m²

D. 3136m²

48. Which one of the following solids has 5 faces?

A. Square pyramid

B. Cuboid

C. Triangular prism

D. Triangular pyramid
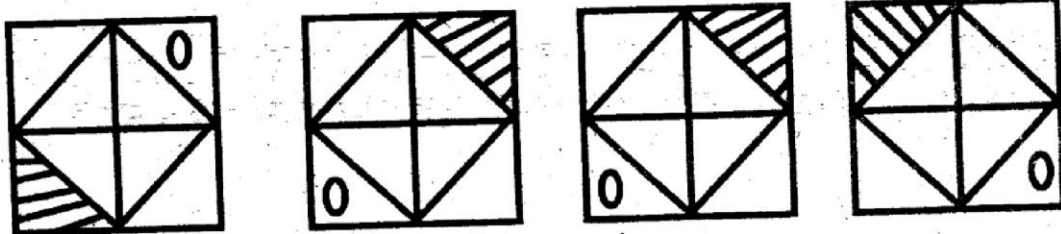
49. There is a 25% loss when a shirt is sold at sh 900. At what price should it be sold in order to make a profit of 5%?

A. Sh. 1260

B. Sh. 1200

C. Sh. 1200

D. Sh. 1181.25

50.

Which one of the shapes below would be the next in the pattern above?

A

B

C

D

GATUNDU SUB – COUNTY EXAMINATION

STANDARD EIGHT – TERM I 2016

ENGLISH

Time: 1 hour 40 minutes

READ THESE INSTRUCTIONS CAREFULLY

1. You have been given the question booklet and a separate answer sheet. The question booklet contains 50 questions.

2. Do any necessary rough work in this booklet.

3. When you have chosen your answer, mark it on the **ANSWER SHEET**, not in the question booklet.

HOW TO USE THE ANSWER SHEET

4. Use an ordinary pencil only.

5. Make sure that you have written on the answer sheet

YOUR INDEX NUMBER

YOUR NAME

NAME OF YOUR SCHOOL

6. By drawing a **dark line** inside the correct numbered boxes mark your full Index Number (i.e. **School** Code Number and the three-figure Candidate's Number) in the grid near the top of the answer sheet.

7. Do not make any marks outside the boxes.

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

9. For each of the Question 1 – 50 four answers are given. The answers are lettered A, B, C and D. In each case only **ONE** of the four answers is correct. Choose the correct answer.

10. On the answer sheet the correct answer is to be shown by drawing a **dark line** inside the box in which the letter you have chosen is written.

EXAMPLE

Choose the alternative which is the opposite of the underlined word.

20. The principal was called when a large group of boys got out of hand. This means the boys

A. became uncontrollable
B. handed over punishment
C. used abusive language
D. started a fire

The correct answer is **A**
On the answer sheet:

| 4 | [A] [B] [C] [D] | 14 | [A] [B] [C] [D] | 20 | [A] [B] [C] [D] | 34 | [A] [B] [C] [D] | 44 | [A] [B] [C] [D] |

In the set of boxes numbered 20, the box with the letter **A** printed in it is marked.

11. Your **dark line** MUST be within the box.

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

TURN OVER

Read the passage below than select a suitable word to fill the gap.

_____1_____ I was there staring at a gigantic tree. I took my _____2_____ step and within no time I was climbing _____3_____ tree. _____4_____, the riper mangoes were at the top. After_____5_____ more minutes, I _____6_____ the fruits off the branches. It was not long _____7_____ a shake of the tree made me almost jump out of my blotchy skin.

I _____8_____ descended but had second·thought _____9_____ I saw a cane in _____10_____ hand. Jumping from the tree I fell _____11_____ the _____12_____ with a sickening thud. On that day I went home _____13_____ like a hyena. Surely, was a bunch of ripe mangoes worth the pain? One thing I was sure _____14_____ was that I would not be going to that farm anytime soon. I _____15_____ learnt my lesson.

	A	B	C	D
1.	all over sudden	sudden	as soon as	all of a sudden
2.	fast	beginning	first	starting
3.	the	a	this	that
4.	Moreover	However	But	And
5.	a few	afew	a little	alittle
6.	shook	shaked	shake	pinched
7.	when	that	after	before
8.	quickly	immediately	suddenly	prompt
9.	while	when	as	where
10.	Mr. Kobes	Mr. Kobe	Mr. Kobe's	Mr. Kobes's
11.	upon	on	to	towards
12.	ground	floor	surface	bottom
13.	walking	crawling	limping	gliding
14.	of	on	at	off
15.	herd	hard	heard	had

Choose the alternative that means SAME AS the sentences below.

16. As soon as the bell rang, we rushed home.

A. The bell rang after we rushed home

B. The bell rang so that we rush home

39. Why did the writer sing silently ahead of the teacher?
   A. The teacher thought the song was new
   B. The teacher had taught the song earlier.
   C. The writer had earlier learnt the song.
   D. Singing was her best hobby.

40. The writer coughed because she _____.
   A. Was out in the cold
   B. Did not enjoy singing
   C. Did not like chanting vowels
   D. Had a bad cold

41. Who discovered the writer's trick.
   A. None
   B. Mother
   C. Teacher
   D. Doctor

42. Why did the writer shake violently? She _____.
   A. Was sick
   B. Thought her trick had been discovered
   C. Was delighted
   D. Was strong

43. The word grateful means _____.
   A. Helpful
   B. Wonderful
   C. Thankful
   D. Shameful

44. We can conclude that Grace was _____.
   A. Obedient
   B. Disobedient
   C. Cunning
   D. Sick

45. Why was the writer taken outside?
   A. She needed fresh air
   B. The teacher thought she was sick
   C. The teacher did not want her
   D. She was coughing and disrupted the lesson

46. What did the writer like best
   A. Chanting
   B. Singing
   C. Coughing
   D. Writing

47. What does the writer mean by saying that she was in a web?
   A. She had been discovered
   B. She was afraid of being discovered
   C. There were many webs
   D. She could not go back to class now that she had been excused as sick.

48. From the passage we learn that the teacher

A. Gave the writer first aid
B. Did not discover the writer's trick
C. Punished the writer
D. Forced the writer to sing

49. Why did the writer cough loudly as they prayed?
A. To frighten other children
B. So that she could not be forced to sing
C. She did not want to pray

D. To make them believe she was sick

50. In her note, the teacher _____.
A. Wanted the mother to buy the syrup
B. Wanted the writer to explain her behavior
C. Sent the pupil to buy the syrup
D. Wanted the mother to take the writer to the hospital

GATUNDU SUB – COUNTY EXAMINATION
STANDARD EIGHT – TERM I – 2016
MARKING SCHEME

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