



# KCPE TRIAL EXAMINATION

## STANDARD EIGHT – 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. Fault 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.

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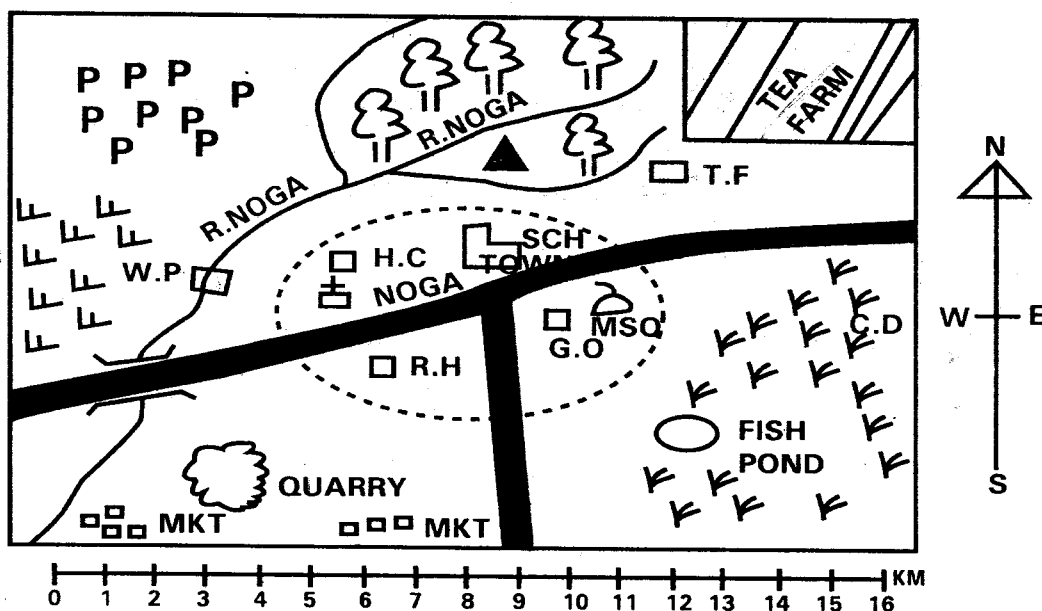


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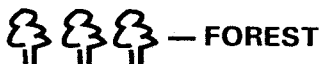
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TURN OVER

## NOGA AREA



### KEY



— FOREST



— HILL



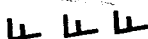
— PERMANENT BUILDINGS



— GRASS



— CATTLE DIP



— SHRUBS



— TEA FACTORY



— SCHOOL

R.H — REST HOUSE

G.O — GOVERNOR'S HOUSE

H.C — HEALTH CENTRE

— CHURCH

— MOSQUE

C.D — CATTLE DIP

PPPP — PYRETHRUM

W.P — WATER PUMP

— TARMAC ROAD

— TOWN BOUNDARY

### Use the map of Noga area answer questions 1

- 7

1. River Noga flows towards one of the following directions. Which one is it?
  - A. South-West
  - B. South-East
  - C. North-East
  - D. North-West
2. Which of these types of soils are likely to be found in the Northern part of Noga area?
  - A. Sandy soils
  - B. Black cotton soils
  - C. Alluvial soils
  - D. Red volcanic soils
3. Who among the following elected officials represents Noga area in the National Assembly?
  - A. The senator
  - B. The women representative.
  - C. The governor
  - D. The ward representative
4. What is the approximate area of the tea farm in the area represented by the map?
  - A. 20 km<sup>2</sup>
  - B. 4 km<sup>2</sup>
  - C. 12 km<sup>2</sup>
  - D. 24 km<sup>2</sup>
5. One of the following sets of economic activities are carried out in the South-Western part of the map. Which one is it?

- A. Mining and pastoralism  
 B. Mining and tourism  
 C. Fishing and trading  
 D. Trading and mining
6. Three of the following social services are available in Noga town. Which one is NOT?  
 A. Educational services  
 B. Recreational services  
 C. Prison rehabilitation services  
 D. Health services
7. One of the following statements is NOT true of the area represented by the map. Which one is it?  
 A. There is a processing industry in the North-Eastern part of the map?  
 B. All parts of Noga area receive heavy and reliable rainfall  
 C. Some parts of Noga area receive little rainfall  
 D. The main source of water for the residents of Noga town is the river
8. The following countries are found in Africa.  
 (i) Cape Verde.  
 (ii) Rwanda.  
 (iii) Equatorial Guinea.  
 (iv) Gabon.  
 Which of the above countries is the largest in terms of physical size?  
 A. (i)                                      B. (ii)  
 C. (iii)                                      D. (iv)
9. Which of these statements about deserts in Africa is true?  
 A. They are only found in Northern Africa  
 B. They are only found in Southern Africa  
 C. They are located to the North and south of the Equator  
 D. They are only found in countries crossed by the Equator
10. Berbera in Somalia is located at 45° East. What will be the time in Accra if it is 6.20 p.m in Berbera?  
 A. 3.20 a.m                                      B. 3.20 p.m  
 C. 9.20 p.m                                      D. 9.20 a.m
11. Which of these statements about revolution of the Earth is NOT true?  
 A. The Earth revolves around the sun following its own path known as the orbit  
 B. It takes 365<sup>1</sup>/<sub>4</sub> days for the Earth to revolve around the sun  
 C. Revolution of the Earth takes twenty four hours  
 D. Revolution of the Earth influences the position of the midday sun
12. One of the following is a negative effect of physical features on human activities. Which one is it?  
 A. Rivers encourage establishment of hydro-electric power projects  
 B. Alluvial gold is obtained from rivers.  
 C. There is displacement of people whenever floods occur along major rivers  
 D. Some cultural and religious activities are carried out in some rivers
13. Which of these traditional methods of weather observation indicated a dry spell?  
 A. Presence of the full moon  
 B. Presence of the new moon  
 C. A sudden onset of high temperatures at night  
 D. Appearance of toads and frogs
14. The instruments that has both a dry-bulb thermometer and a wet-bulb thermometer is \_\_\_\_\_.  
 A. Known as a barometer  
 B. Known as the six's thermometer  
 C. Used to measure the amount of water in the atmosphere  
 D. Used to measure the atmospheric pressure
15. Three of the following contribute to global warming. Which one is NOT?  
 A. Use of petroleum to run vehicles  
 B. Planting trees where non existed  
 C. Cutting down trees to pave way for settlement  
 D. Establishment of many industries
16. One of the following statements about the Nyika plateau region in Kenya is NOT true. Which one is it?  
 A. It borders the coastal region to the West  
 B. It is narrow in the South and wider to the North  
 C. It has few scattered hills  
 D. Forests cover a large part of this physical region
17. The following are uses of soil  
 (i) Soil is used to grow food and cash crops.  
 (ii) Sandy soil is used in making glass.

- (iii) Soil is used for decoration during cultural events.
- (iv) Soil is used by some communities during initiation ceremonies.
- (v) Soil is used in making some household utensils.

Which of the above are economic uses of soil only?

- A. (i), (ii) and (v)
  - B. (ii), (iii) and (iv)
  - C. (i), (ii) and (iii)
  - D. (ii), (iv) and (v)
18. Three of the following are effects of soil erosion on human activities. Which one is NOT?
- A. Poor crop yields
  - B. Flooding of rivers
  - C. Silting of dams
  - D. Heavy vegetation cover
19. One of these sets of lakes were formed through faulting of the earth. Which one is it?
- A. Lake Chilwa, Lake Malawi and Lake Jipe
  - B. Lake Malawi, Lake Tanganyika and Lake Edward
  - C. Lake Eyasi, Lake Chad and Lake Nasser
  - D. Lake Volta, Lake Chala and Lake Wum
20. Which of these rivers found in Africa has its mouth in the Indian Ocean?
- A. River Gambia
  - B. River Chari
  - C. River Kagera
  - D. River Rufiji
21. One of the following plateaus is found in Guinea. Which one is it?
- A. Bie plateau
  - B. Jebel Abyad plateau
  - C. Fouta Djallon plateau
  - D. Jos plateau
22. Which of these mountains is CORRECTLY matched with the process of its formation?
- A. Drakensburg – Volcanicity
  - B. Mount Cameroon – Folding
  - C. Mount Marsabit – Faulting
  - D. Oldonyo Lengai – Volcanicity
23. Three of the following towns are likely to experience land and sea breezes because they are located near large water masses. Which one is NOT?
- A. Jinja in Uganda

- B. Lagos in Nigeria
- C. Kigoma in Tanzania
- D. Addis Ababa in Ethiopia

24. The following countries are found in Africa. Which among them is CORRECTLY matched with its capital city?

- A. Lesotho – Mbabane
- B. Cape Verde – Praia
- C. Mauritania – Port Louis
- D. Senegal – Banjul

25. Winds that blow across the sea towards land are known as \_\_\_\_\_.

- A. Offshore winds
- B. Onshore winds
- C. Prevailing winds
- D. Harmattan winds

26. According to archaeological findings, one of the following creatures is likely to be the earliest human ancestor. Which one is it?

- A. Ramapithecus
- B. Australopithecus
- C. Homo habilis
- D. Zinjanthropus Boisei

27. Which of these pre-historic sites is NOT located in Tanzania?

- A. Olduvai Gorge
- B. Kondoa
- C. Laetoli
- D. Amara

28. One of these sets of communities are all Plains Nilotes of Eastern Africa. Which one is it?

- A. Dinka, Nuer and Turkana
- B. Karamojong, Iteso and Njemps
- C. Iraqw, Burungi and Hawa
- D. Iteso, Acholi and Nandi

29. Three of the following communities found in Africa migrated and settled in Southern Africa. Which one did NOT?

- A. Zulu
- B. Ovambo
- C. Tukolor
- D. Bakwena

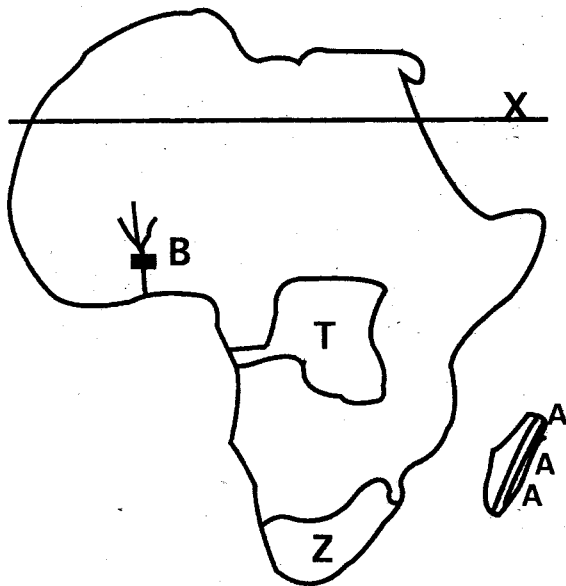
30. The Galla displaced the Eastern Bantu communities from one of the following areas in Eastern Africa. Which one is it?

- A. Bahr-el-Ghazal region
- B. The lake region
- C. Shungwaya
- D. Pubung-Pakwach region

31. The following are Mijikenda communities found in Kenya. Which one is NOT?

- A. Wadawida
- B. Wachonyi
- C. Wajibana
- D. Warabai

Use the map of Africa below to answer questions 32 – 35



32. The sun is directly overhead the latitude marked X on the map of Africa in the month of \_\_\_\_\_.
- A. June
  - B. March
  - C. September
  - D. December
33. The river development project marked B on the map
- A. Is known as the Kariba dam project
  - B. Is located along river Zambezi
  - C. Was established to get power for smelting bauxite in Ghana
  - D. Was establishing mainly to provide water for irrigation purposes
34. Which of these statements is true of the country marked T on the map?
- A. It is the largest African country
  - B. Its capital city is known as Harare
  - C. It was a former Belgian colony
  - D. It was a former British colony
35. The shaded area found to the East Coast of the country marked AAA on the map is found within one of the following climatic regions. Which one is it?
- A. Tropical climatic region
  - B. Desert and semi-desert climatic region
  - C. Mountain climatic region
  - D. Equatorial climatic region

36. The MAIN mineral mined in the country marked Z on the map
- A. Is use in making electric wire
  - B. Is mainly mined through the dredging method.
  - C. Is used as a measure of value of world currencies
  - D. Is used in making glass and soap
37. Which of these statements is true about the population structure of Germany?
- A. The population is mostly composed of the youth
  - B. Majority of the people live in rural areas
  - C. The birth rate is low
  - D. The birth rate is very high
38. One of these types of marriage systems is conducted by clan elders?
- A. Hindu marriage
  - B. Customary marriage
  - C. Civil marriage
  - D. Islamic marriage
39. According to succession and inheritance of family wealth, a will is \_\_\_\_\_.
- A. A document that directs how the property of the deceased is to be shared out
  - B. The property left behind by the deceased
  - C. Prepared after death of the head of the family
  - D. A court document that permits a spouse to manage the property of the deceased partner
40. Three of the following are functions of the school management committee except one. Which one is it?
- A. It has power to employ and dismiss school workers.
  - B. It sometimes employs teachers on temporary basis.
  - C. it ensures that standards and traditions of the school are maintained.
  - D. It maintains the pupils' progress records
41. Which of these areas found in Kenya did not attract many settlers during the colonial period?
- A. Manderu County
  - B. Kiambu County
  - C. Nakuru County
  - D. Trans-Nzoia County

42. Settlement schemes were introduced in Kenya due to the following reasons except one. Which one is it?
- To resettle the landless people.
  - To reward a few individuals who supported the independent government.
  - To reduce population pressure in some areas.
  - To increase food production
43. One major crop grown in Perkerra irrigation scheme is \_\_\_\_\_.
- Rice
  - Seed maize
  - Tea
  - Sugarcane
44. One difference between horticultural farming in Kenya and Netherlands is that \_\_\_\_\_.
- Advanced mechanized methods are used in Netherlands
  - Greenhouses are only used to grow crops in Netherlands
  - Land used by Kenyan horticultural farmers is mainly reclaimed from swamps
  - Farmers in Netherlands grow flowers unlike their counter parts in Kenya
45. Which one of the statement below is true about wheat farming in Kenya?
- It is Kenya's leading foreign earner.
  - It is mainly grown in hot and dry areas
  - It is harvested by use of combine harvesters
  - It is mainly grown under irrigation
46. One major aspect of forests in Swaziland is that \_\_\_\_\_.
- They mainly consist of hardwoods
  - They mainly consist of softwoods
  - They mainly consist of trees that mature very slowly
  - Small market for industrial goods
47. The following factors have led to industrial development in South Africa. Which one is NOT?
- Large reserves of a wide range of minerals
  - Availability of labour
  - Highly developed infrastructure
  - Small market for industrial goods
48. Which of these fishing methods does NOT involve use of nets?
- Trawling
  - Purse-seining
  - Net-drifting
  - Long-lining
49. One of these sets consists of COMESA members states only. Which one is it?
- Kenya, Zambia and Comoros
  - South Africa, Rwanda and Gabon
  - Egypt, Mauritius and Benin
  - Uganda, Ghana and Niger
50. The Trans-Africa Highway crosses the following African countries except one. Which one is it?
- Kenya
  - Uganda
  - Sudan
  - Democratic Republic of Congo
51. The following are tourist destinations in an African country.
- Black River Gorges National Park.
  - Coastal sandy beaches.
  - Ruins of European settlements.
  - Warm climate
- The above tourist destinations are found in \_\_\_\_\_.
- Egypt
  - Mauritius
  - Zimbabwe
  - Morocco
52. Which of the following is NOT part of the social organization of the Khoikhoi community in the pre-colonial period?
- They lived in clans
  - They brewed alcoholic drinks during social occasions
  - They celebrated festivals of the new moon
  - They lived in units known as hunting bands
53. Samori Toure was able to resist French occupation in West Africa due to the following reasons except one. Which one is it?
- He had a well disciplined and strong army
  - He was assisted by the British soldiers to fight the French
  - He used Islam as a unifying factor.
  - He used a tactic known as the scorched earth policy
54. Which of these African countries were all under the Portuguese during the colonial period?
- Guinea Bissau, Angola and Mozambique
  - Gambia, Malawi and Libya
  - Algeria, Tunisia and Guinea
  - Morocco, Kenya and Zambia

55. Three of the following facts relate to water transport. Which one is NOT?
- It is cheap for transporting goods for long distances.
  - It can transport a large volume of bulky goods
  - It is the most developed form of transport in Africa
  - It is a slow means of transport
56. Which of these political parties led Zimbabwe to its independence in 1980?
- Zimbabwe African People's Union (Z.A.P.U)
  - Zimbabwe African National Party (Z.A.N.U)
  - Convection People's Party (C.P.P)
  - African National Congress (A.N.C)
57. Who among the following early visitors to Eastern Africa found Doctor Livingstone at Ujiji near Lake Tanganyika?
- Vasco Da Gama
  - John Speke
  - Henry Morton Stanley
  - William Mackinon
58. The County Assembly in Kenya is made up of the following except
- The County governor
  - The County speaker
  - The elected ward representatives
  - The nominated members of the County Assembly
59. In Kenya a parliamentary by-election is held under the following circumstances except one. Which one is it?
- When a member of parliament misses eight consecutive sitting without official permission
  - When the election of a member of parliament is nullified by a court of law
  - When a member of parliament becomes a leader of a political party.
  - When a member of parliament resigns from the seat
60. The following are functions of the body in-charge of elections in Kenya. Which one is NOT?
- Registering voters and maintaining a voter's register
  - Creating new constituencies and electoral wards
  - Setting out the rules and requirements governing election

- Providing adequate funds for candidates to conduct their campaigns

### **CHRISTIAN RELIGIOUS EDUCATION**

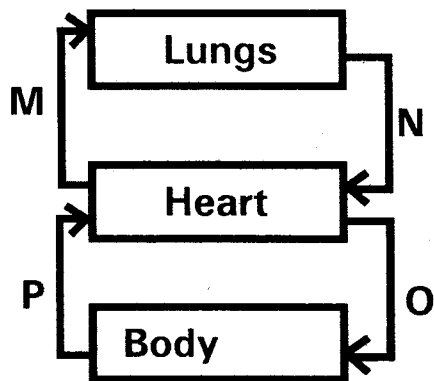
61. The following statements are true about the creation story except one. Which one is it?
- Human beings were given dominion over all other animals.
  - Man was put in the Garden of Eden to cultivate and guard it.
  - God said, "It is not good for man to live alone".
  - All sea animals and the birds were created on God's fourth day of creation.
62. Which one of these animals sent by Noah during the great flood came back with fresh olive leaf?
- |              |             |
|--------------|-------------|
| A. A raven   | B. A dove   |
| C. A sparrow | D. An eagle |
63. The following were God's promises to Abraham except one. Which one is it?
- He would have many descendants
  - He would be father of a great nation
  - His descendants would become prophets
  - God would give him a son
64. Who among the following patriarchs of Israel was a son of Jacob?
- |            |           |
|------------|-----------|
| A. Abraham | B. Moses  |
| B. Isaac   | D. Joseph |
65. Plagues befell the land of Egypt before the Israelites were set free. Which of these is NOT one of the plagues?
- The plague of gnats
  - The plague of frogs
  - The plague of death
  - The plague of darkness for one day
66. When Abraham was about to offer his son as a sacrifice to God, a ram was provided to him. This happened on Mount \_\_\_\_\_
- |           |           |
|-----------|-----------|
| A. Moriah | B. Ararat |
| C. Horeb  | D. Carmel |
67. On the night of the Passover in the land of Egypt, the Israelites ate \_\_\_\_\_
- Boiled meat
  - Leavened bread
  - Bread with yeast
  - Bitter herbs

68. Which of the following is NOT associated with prophet Jeremiah?
- He was called by God to be a prophet when he was young
  - He was not a good speaker
  - He was the son of Josiah
  - He was the son of Hilkiah
69. Which of these books of the Bible is in its CORRECT group of classification?
- Ruth – Book of law
  - Habbakuk – Historical book
  - Psalms – Poetic
  - Genesis – Prophetic book
70. One of the following Kings of Israel was promised by God of an everlasting Kingdom. Whom is it?
- King Solomon
  - King David
  - King Josiah
  - King Saul
71. The following describes a king in Israel
- He annoyed God due to his disobedience.
  - God failed to answer his prayers through dream, Urim and Thummin or even through prophets.
  - He visited a medium at Endor.
- The king described above is \_\_\_\_\_.
- King Zedekiah
  - King Ahab
  - King Rehoboam
  - King Saul
72. Prophet Isaiah described Jesus with all the following names except one. Which one is it?
- King of Jews
  - Mighty God
  - Eternal Father
  - Wonderful Counsellor
73. The following women are mentioned in the Bible. Who among them was involved in sexual misuse?
- Gomer
  - Abigail
  - Phoebe
  - Priscilla
74. When Jesus healed a paralysed man at Carpenaum the Pharisees and the teachers of the law accused him of \_\_\_\_\_.
- Arrogance
  - Not paying taxes
  - Blasphemy
  - Corruption
75. The man who was healed by Jesus in the territory of Gerasa
- Was visually impaired
  - Had an evil spirit in him
  - Was a lame beggar
  - Was accompanied by his parents
76. "Certainly he was a good man!" On which occasion in the life of Jesus were these words said?
- During His arrest
  - During His dedication
  - During His transfiguration
  - During His crucifixion
77. James the brother of John was martyred by \_\_\_\_\_.
- King Herod
  - Pontius Pilate
  - Caesar Augustus
  - Governor Quirinius
78. Which of these parables of Jesus is about prayer?
- Parable of the ten young women
  - Parable of the Pharisee and the tax collector
  - Parable of the master and his three servants
  - Parable of the hidden treasure
79. The man who wanted to buy gifts of the Holy Spirit from Peter and John in Samaria was known as \_\_\_\_\_.
- Justus
  - Joseph
  - Simon
  - Elymas
80. Three of the following can lead to emotional suffering except one. Which one is it?
- Breakdown of relationships in a family
  - Being in a state of unemployment.
  - Being bullied in school
  - Having sores and rashes on the body
81. Which of these phrases is NOT found in the Apostles' Creed?
- Creator of heaven and earth
  - The Holy Catholic Church
  - He descended to hell
  - Deliver us from evil
82. Which of the following events took place during the transfiguration of Jesus?
- God's voice was heard
  - The Holy Spirit descended on Him in form of fire



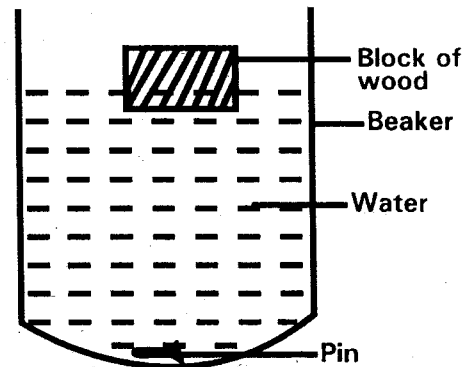
- C. The Holy Spirit descended on Him in form of a dove  
D. There was an earthquake
83. According to the beatitudes taught by Jesus during the sermon on the mountain, the poor in spirit should be happy for
- A. They shall see God  
B. They shall receive what God has promised  
C. The kingdom of heaven belongs to them  
D. God will satisfy them fully
84. Who among the following disciples of Jesus witnessed the resurrection of Jairus' daughter back to life by Jesus?  
A. John    B. Philip  
C. Matthew                                         D. Judas Iscariot
85. Three of the following were problems faced by Christians in the early church except one. Which one is it?  
A. Some Christians were not sincere in their actions  
B. Christians were persecuted by the Jews  
C. The number of Christian converts had become high after the Pentecost  
D. The Jewish religious leaders were against disciples of Jesus.
86. In the traditional African society young people who were ready to become adults underwent initiation. This rite of passage can be compared to one of the following in Christianity. Which one is it?  
A. Holy Communion  
B. Baptism  
C. Holy Eucharist
- D. Reconciliation
87. Which of the following African traditional religious beliefs is compatible with Christianity?  
A. Marrying of many wives by a man  
B. Weaving of charms and amulets for protection  
C. Giving offering in form of farm produce  
D. Slaughtering animals as a sacrifice to God
88. In the traditional African society, people reconciled with God in the following ways except one. Which one is it?  
A. Offering burnt sacrifices to God  
B. Sprinkling of blood on the people as a sign of cleansing  
C. Reading scriptures from the Bible to pronounce reconciliation  
D. Praying and asking for forgiveness from God
89. Peninah is a class seven girl who takes other pupils geometrical sets without borrowing. As a Christian, how can you BEST help her?  
A. Remind her on the importance of integrity  
B. Report her to the parents  
C. Report her to the school administration  
D. Humiliate her in front of the whole class
90. Which of these fruits of the Holy Spirit enables us to help others?  
A. Humility    B. Faithfulness  
C. Patience     D. Kindness

- Which one of the following pest is correctly matched with its effect on crop?
  - Stalk borer –sucks sap from plant leaves
  - Weaver bird –eat the grains of stored produce
  - Cutworms – attack seedlings
  - Aphids-make holes in the stems of growing crops
- The diagram below shows circulation of blood around the human body



- Which blood vessels carry dark red blood?
- M and P
  - N and O
  - O and P
  - M and N
- Which of the following livestock parasites can one control by spraying?
    - Round worm and Lung worms
    - Mites and tape worms
    - Mites and round worms
    - Fleas and Mites
  - The part of a bean seed that make an embryo are \_\_\_\_\_.
    - Cotyledon and radical
    - Seed leaf and Plumule
    - Plumule and Radical
    - Testa and Plumule
  - Which statement below is NOT true about maize plant flower?
    - The flower has feathery stigma
    - The flower produces powdery pollen grains
    - The flower is scented
    - The flower produces large amount of pollen grains

- Which one of the following pair has only insulators?
  - Wood and pin
  - Rubber and glass
  - Carbon rod and graphite
  - Nail and Pin
- A maize seed can germinate in the absence of \_\_\_\_\_.
  - Water and air
  - Warmth and water
  - Air and warmth
  - Soil and light
- Which one of the following is not an adaptation of plants growing in wet areas? Presence of \_\_\_\_\_.
  - Succulent stems
  - Floating flowers
  - broad leaves
  - Thin cuticle
- When making compost manure which material is used to introduce decomposers to the heap?
  - Maize stalk
  - Ash
  - Kitchen refuses
  - Top soil
- Which of the following weather instrument is used to measure two aspects of weather?
  - Wind vane
  - Air thermometer
  - Wind sock
  - Liquid thermometer
- Standard four pupils carried out an experiment on sinking and floating as shown in the diagram



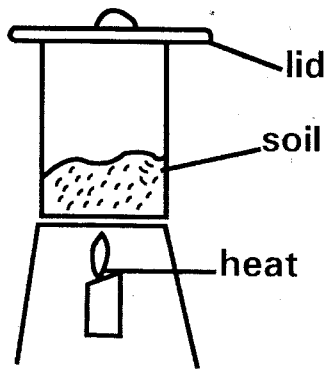
From the experiment, pupils concluded \_\_\_\_\_ affects

- A. Shape
  - B. Material
  - C. Weight
  - D. Size
12. The component of air that green plants use to make their own food is also used in \_\_\_\_\_.
- A. Germination
  - B. Breathing
  - C. Making plant proteins
  - D. Putting out fire
13. Which pair of vaccines is administered to a baby at the age of 9 months?
- A. DPT and oral polio
  - B. BCG and DPT
  - C. Antimeasles and yellow fever vaccine
  - D. Oral polio and antimeasles
14. Which one of the following weather conditions is ideal for washing clothes?
- A. Calm and sunny
  - B. Cloudy and windy
  - C. Windy and sunny
  - D. Rainy and windy
15. Which one of the following shows a pair of levers that belong to the same group?
- A. Wheelbarrow and spade
  - B. Crow bar and claw hammer
  - C. Spade and claw hammer
  - D. Wheelbarrow and crow bar
16. The first and the second stage of HIV and AIDS infection are \_\_\_\_\_ respectively
- A. Full blown and Asymptomatic
  - B. Full blown and window
  - C. Incubation and Asymptomatic
  - D. Symptomatic and Incubation
17. Which pair of planets can one see easily while on earth?
- A. Jupiter and Venus
  - B. Saturn and Jupiter
  - C. Mercury and Saturn
  - D. Venus and Mercury
18. Which of the following substances can change their state when temperature is increased?

- A. Gas and Liquid
  - B. Solid and Liquid
  - C. Gas and solid
  - D. Liquid and vapour
19. Storage of undigested food in the human body occurs in the \_\_\_\_\_.
- A. Colon
  - B. Ileum
  - C. Anus
  - D. Rectum
20. Standard 5 pupils carried out investigation on capillarity in different soils. Which of the following materials was not a control variable?
- A. Amount of water
  - B. Size of tubes
  - C. Amount of soil
  - D. Amount of cotton wool
21. In the table below which parasite is not matched with the organ in which it is found?

Parasite	Organ
A. Liver fluke	Lungs
B. Tapeworm	Liver
C. Lung worm	Small intestine
D. Round worm	Liver


22. Which one of the following shows processes involved when separating a mixture of sand and salt?
- A. Filtering, dissolving and evaporation
  - B. Dissolving, filtering and evaporation
  - C. Filtering, evaporation and dissolving
  - D. dissolving, evaporation and filtering
23. The female reproductive organs involved during ovulation are \_\_\_\_\_.
- A. Ovary and uterus
  - B. Oviduct and uterus
  - C. Uterus and cervix.
  - D. Ovary and oviduct
24. Standard 4 pupils carried out an activity shown below



From the activity they concluded that soil contains

- A. Humus
  - B. Moisture
  - C. Air
  - D. Animals
25. Which one of the following does not contain chemical energy?
- A. Food
  - B. Dry cell
  - C. Cooking gas
  - D. Dynamo
26. Which pair of machines below makes work easier by increasing the effort distance?
- A. Ladder and stair case
  - B. Flag post and winch
  - C. Wheel barrow and claw hammer
  - D. Stair case and flag post
27. Which of the following shows substances that have neither definite shape nor definite volume?
- A. Dust and smoke
  - B. Spirit and water
  - C. Smoke and vapour
  - D. Ice and water
28. The following are ways of conserving energy. Which one does not?
- A. Using a solar panel to light the house
  - B. Using a wind mill to generate electricity
  - C. Using a traditional jiko for cooking
  - D. Using biogas for cooking
29. Which property of light makes a coin in a glass of water appear raised?
- A. Reflection
  - B. Refraction

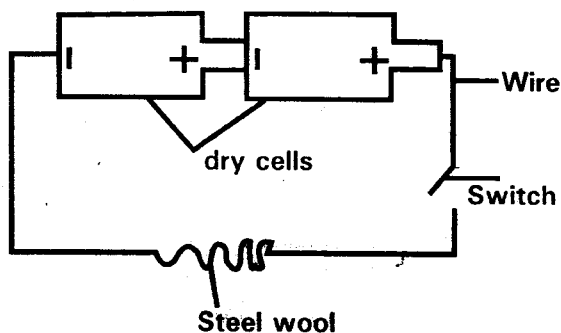
- C. Dispersion
- D. Absorption

30. Which one of the following is NOT observed in a patient suffering from bilharzia?
- A. Presence of blood in urine
  - B. Itching of the bowels
  - C. Skin rash
  - D. Violent diarrhoea
31. Which one of the following animals concentrates is a reach source of calcium?
- A. Bone meal
  - B. Sunflower seeds
  - C. Molasses
  - D. Cotton seeds
32. A method of food preservation that dehydrates micro organisms making food to last longer is?
- A. Salting
  - B. Smoking
  - C. Freezing
  - D. Use of honey
33. The diagram bellow shows a beak of a certain bird. Which pair of bird have the type of beak shown in the diagram?
- 
- A. Vulture and Hawk
  - B. Duck and Flamingo
  - C. Chicken and weaverbird
  - D. Sunbird and Hamming bird
34. Food rich in calcium prevents one of the following, which one is it?
- A. Anaemia
  - B. Rickets
  - C. Kwashiorkor
  - D. Marasmus
35. Which pair of liquids below will form a uniform mixture when poured in a glass container?
- A. Milk and spirit
  - B. Water and kerosene
  - C. Spirit and diesel
  - D. Cooking oil and petrol

36. Which one of the following is most likely to damage the ozone layer?
- Industrial waste gases
  - Tobacco smoking
  - Aerosol spray
  - Smoke from burning tires

37. Which one of the following has materials that can allow magnetism to pass through them?
- Paper, glass and wood
  - Plastic, steel ruler, paper
  - Nail, glass, razor blade
  - Steel spoon, nail, pin

38. The diagram below shows a set-up carried out by standard 8 pupils.



Which one of the following shows the correct energy changes that occur in the set-up when the circuit is completed?

- Electrical → heat → chemical → light
  - Chemical → electrical → light → heat
  - Chemical → electrical → heat → light
  - Electrical → chemical → heat → light
39. Which one of the following pairs of feeds is a rich source of energy to the body?
- Ripe bananas and carrots
  - Groundnuts and green bananas
  - Eggs and meat
  - Bread and cabbage
40. Which one of the following is not a way of managing domestic waste to prevent soil pollution?
- Re-using waste materials
  - Using local authority
  - Converting waste into compost manure
  - Recycling waste materials

41. Friction can be increased by one of the following activities. Which one is it?
- Applying adhesives between surfaces
  - Placing roller between the surfaces.
  - Making surfaces smooth.
  - Smearing oil between surfaces.

42. The following are effects of abusing mandrax. Which one is NOT?
- Memory loss
  - Staggering
  - Drowsiness
  - Breathing problems

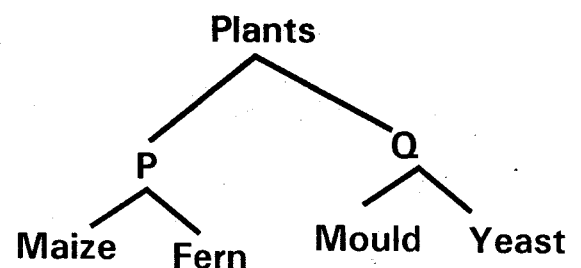
43. Which statement below is NOT correct about a fish and a toad?
- Both have external fertilization
  - Both are cold blooded
  - Both have scales
  - Both lay eggs

44. In the diagram below which processes need a decrease in temperature to occur?



- M and N
- O and P
- M and P
- N and O

45. The chart shows how class five pupils classified plants.



- Which two characteristics did the pupils use to classify the plants above?
- Flowering and non flowering plants
  - Green and non flowering plants
  - Flowering and non green plants
  - Green and non green plants

46. Below are signs and symptoms of a certain communicable disease.

- (i) Prolonged coughing
- (ii) Pale, thin and weak body
- (iii) Fever.

Which practice below cannot help in preventing the disease described above?

- A. Observing high standards of cleanliness.
- B. Clearing bushes around the house.
- C. Avoiding exposure to a lot of dust
- D. Living in well ventilated rooms.

47. Which one is NOT an effect of HIV and AIDS on the family?

- A. Sadness
- B. Loss of income
- C. Lack of parental care
- D. Low self esteem

48. During a science lesson, standard six pupils carried the following materials

- (i) A plane mirror
- (ii) Aluminium foil

- (iii) Source of light
- (iv) Pieces of paper of different colours

Using the above materials, the pupils were to investigate

- A. How light travels
- B. Reflection of light
- C. Dispersion of light
- D. Refraction of light

49. A push or a pull on a body is

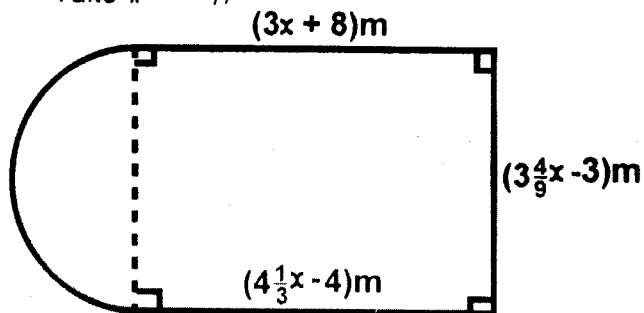
- A. Mass
- B. Volume
- C. Density
- D. Force

50. Which one of the following does not describe a recreational use of water?

- A. Boat racing
- B. Skating
- C. Swimming
- D. Surfing

- What is 161092 divided by 23?  
A. 70004                      B. 7004  
C. 704                              D. 74
- How many groups of a hundred are there in the total value of digit 4 in the number 246789.5?  
A. 40000                      B. 4000  
C. 400                              D. 40
- What is seventy million one hundred and ten thousand six hundred and ten in symbols?  
A. 70110610  
B. 7110610  
C. 700110610  
D. 7011610
- What is the value of  $\frac{0.42 \times 1.8 \times 24.8}{2.4 \times 0.012 \times 2.1}$ ?  
A. 0.31                              B. 3.1  
C. 31                                  D. 310

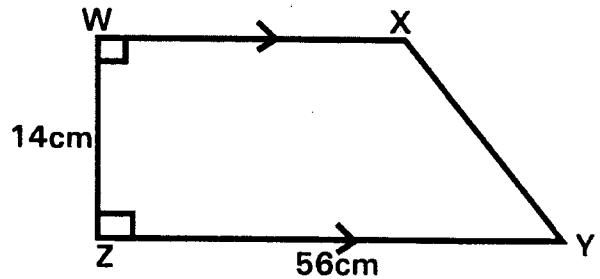
- What is the perimeter of the figure below?  
Take  $\pi = \frac{22}{7}$



- A. 153m                              B. 160m  
C. 170m                              D. 142m
- What is the difference between the LCM of 54 and 36 and the GCD of 102 and 68?  
A. 142                              B. 40  
C. 74                                  D. 91
- What is the next number in the pattern 8, 9, 12, 18, 28, 43, \_\_\_\_?  
A. 64                                  B. 58  
C. 62                                  D. 66

- What is the value of  $\frac{9}{10} \div \frac{3}{5}$  of  $\frac{2}{5} + (\frac{4}{5} - \frac{5}{8})$ ?  
A.  $7 \frac{27}{40}$                               B.  $3 \frac{37}{40}$   
C.  $3 \frac{1}{40}$                                   D.  $3 \frac{6}{43}$

- The area of the trapezium WXYZ drawn below is  $448\text{cm}^2$ . Line WX is parallel to line ZY and line WZ is the perpendicular distance.



What is the length of line XY?

- A. 8cm                                  B. 48cm  
C. 50cm                              D. 25cm

- What is the value of

$$\frac{3p^2 + 2y - x}{4x - p}$$

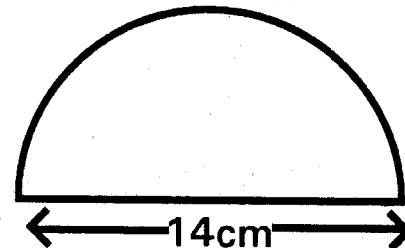
When  $p = x + y$ ,  $x = 3$  and  $p = x^2 - 1$ ?

- A.  $13 \frac{3}{4}$                               B.  $49 \frac{3}{4}$   
C.  $10 \frac{6}{7}$                               D.  $4 \frac{3}{7}$

- Karim paid sh 47600 for a motorbike after getting a discount of 15%. How much more would he have paid had he been given a discount of 10%?

- A. Sh 2,800                              B. Sh 5,600  
C. Sh 8,400                              D. Sh 50400

- The diagram below shows a flower garden drawn to scale 1:800.



What is the actual area of the flower garden in ares?

- A. 4928                                  B. 49.28

that they complete the work in 2 hours 24 minutes?

- A. 10  
C. 7
- B. 25  
D.  $6\frac{2}{3}$

33. The perimeter of a rhombus is 52cm. One of its diagonals measure 24cm. What is the area of the rhombus?

- A.  $60\text{cm}^2$   
C.  $624\text{cm}^2$
- B.  $30\text{cm}^2$   
D.  $120\text{cm}^2$

34. Tiffany bought the following items from a shop:

Two 1kg packets of sugar @ sh 80  
500g packets of tea leaves for sh 148  
 $3\frac{1}{4}$ kg of cooking oil @ sh 60  
Three 500ml packets of milk @ sh 50  
If she used a sh 1000 note to pay for the items, what balance did she receive?

- A. Sh 347  
C. Sh 482
- B. Sh 422  
D. Sh 653

35. Kendi, Iminza and Koyie scored goals for their netball team in a game. Kendi scored K goals while Koyie scored twice as many goals as Kendi. Iminza scored three goals less than the total sum of Kendi and Koyie. What was their total score?

- A.  $5k + 1$   
C.  $6k - 3$
- B.  $3k - 3$   
D.  $4k - 3$

36. A cylinder has a volume of  $693\text{cm}^3$ . If the height of the cylinder is 18cm, what is the diameter of the cylinder?

(Take  $\pi = \frac{22}{7}$ )

- A. 3.5cm  
C. 14cm
- B. 7cm  
D. 12.25cm

37. Nadimo spent  $\frac{3}{8}$  of her money on food, a quarter of it on rent and  $\frac{1}{5}$  of the remainder on cosmetics. She saved sh 2,880. What amount of money did she spend on food?

- A. Sh 9600  
C. Sh 1080
- B. Sh 3600  
D. Sh 7680

38. Mwamba sells goods for a company. He is paid a salary of sh 42000 per month plus a commission of 20% for the sale of goods worth above sh 10,000. In one

month his total earnings were sh 75000. What was the value of goods he sold?

- A. Sh. 165000  
C. Sh. 175000
- B. Sh. 375000  
D. Sh. 385000

39. In one week, Baraka collected an average of 410 eggs per day. If an average of 15 eggs broke daily, how many full trays of 30 eggs each did Baraka sell that week?

- A. 92  
C. 96
- B. 93  
D. 95

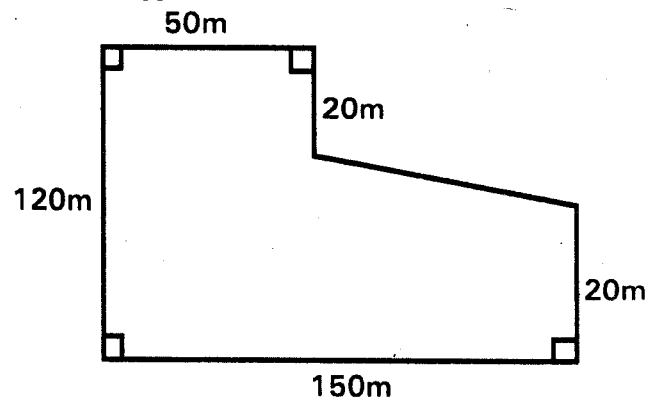
40. A concert was attended by 140 men. The number of women who attended was 90 less than the number of men and 40 more than the number of children. The entrance fee for adults was ksh. 100 and for the children was ksh. 50. How much money was collected?

- A. Sh. 23500  
C. Sh. 2500
- B. Sh. 25500  
D. Sh. 19500

41. The perimeter of a rectangular plot of land is 560 metres. The width of the plot is 120 metres. What is the length of the plot?

- A. 320m  
C. 160m
- B. 220m  
D. 480m

42. The diagram below represents Nzano's shamba



What is the size of the shamba in hectares?

- A. 12000  
C. 12
- B. 120  
D. 1.2

43. The table below shows the rates for sending letters and postcards through a post office



Type of article	Weight	Charge	
		Sh	Cts
Letters Limit of weight 2kg	Not over 20g	28	00
	Not over 50g	34	00
	Not over 100g	36	00
	Not over 250g	56	00
	Not over 500g	92	00
	Not over 1kg	150	00
	Not over 2kg	220	00
POST CARDS	Each	36	00

Nyarangi sent the following letters and postcards

- Three letters each weighing 45g
- One letter weighing 150g
- Five letters each weighing 700g
- One letter weighing 1.1kg
- Two post cards

How much did he pay for the postage?

- A. Sh 1144
- B. Sh 1200
- C. Sh 910
- D. Sh 1130

44. Otieno left home at 7am for the market a distance of 72km. He reached the market at 7.54am. What was his average speed in km per hour?

- A. 80km/h
- B. 54km/h
- C. 64.8km/h
- D. 90km/h

45. Construct a triangle XYZ in which  $XY = 7.5\text{cm}$ ,  $YZ = 6\text{cm}$  and  $ZX = 5.5\text{cm}$ . What is the size of angle XYZ?

- A.  $47^\circ$
- B.  $53^\circ$
- C.  $80^\circ$
- D.  $40^\circ$

46. The cash price of Tv set was sh 28000. The hire purchase price of the Tv set was 40% more than the cash price. Mokeira bought the Tv set on hire purchase terms and paid a deposit of sh 12000. She paid the remaining amount in 20 equal instalments. How much was each instalment?

- A. Sh 2000
- B. Sh 400
- C. Sh 1360
- D. Sh 800

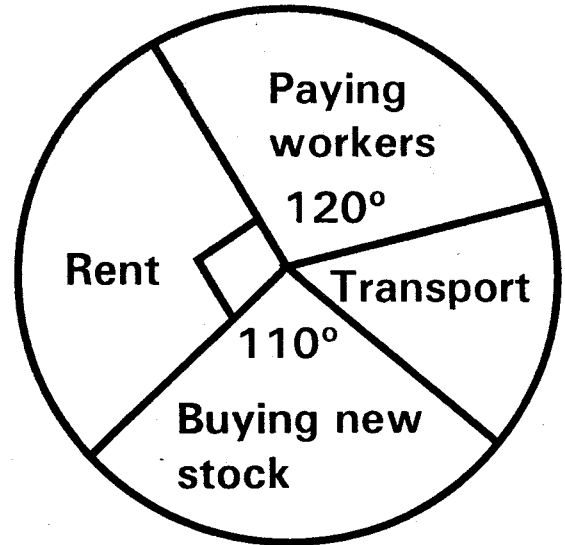
47. What is the reciprocal of  $2\frac{1}{3}\%$ ?

- A.  $\frac{3}{7}$
- B.  $42\frac{6}{7}$
- C.  $\frac{7}{300}$
- D.  $2\frac{3}{1}$

48. A milk vendor received 2400 litres of milk packed into 2 decilitre packets. If the packets were in crates each holding 24 packets, how many crates were received?

- A. 200
- B. 100
- C. 5
- D. 500

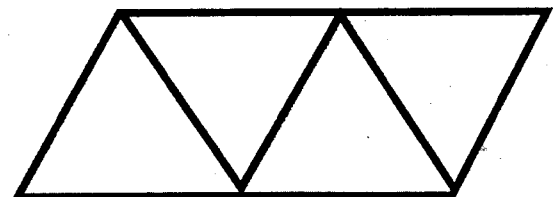
49. The pie chart below shows how a businessman used his money



If he spent sh 45,000 on transport, how much more was spent on paying workers than on rent?

- A. Sh 33750
- B. Sh 135000
- C. Sh 236250
- D. Sh 101250

50. The figure below represents a net of a certain solid



When the net is folded, what solid is formed?

- A. Triangular prism
- B. Triangular pyramid
- C. Rectangular pyramid
- D. Square prism

**The passage below contains blank spaces numbered 1 to 15. For each blank space, choose the BEST alternative from the ones given.**

Children \_\_\_\_\_ 1 \_\_\_\_\_ to know about their strengths and weaknesses so that they can \_\_\_\_\_ 2 \_\_\_\_\_ themselves and be happy about the \_\_\_\_\_ 3 \_\_\_\_\_ they are. Each one of them \_\_\_\_\_ 4 \_\_\_\_\_ dreams about their lives but in most cases the dreams just \_\_\_\_\_ 5 \_\_\_\_\_ dreams. They remain in the \_\_\_\_\_ 6 \_\_\_\_\_ composition books in the composition titled, "What I will be when I \_\_\_\_\_ 7 \_\_\_\_\_ up!" \_\_\_\_\_ 8 \_\_\_\_\_ children are encouraged to set goals and work hard to \_\_\_\_\_ 9 \_\_\_\_\_ them, they will \_\_\_\_\_ 10 \_\_\_\_\_ acquire decision-making skills. They will understand that the \_\_\_\_\_ 11 \_\_\_\_\_ successful people are those who have a \_\_\_\_\_ 12 \_\_\_\_\_ picture of what they \_\_\_\_\_ 13 \_\_\_\_\_ to do and what kind of \_\_\_\_\_ 14 \_\_\_\_\_ they will live. They will then be able to \_\_\_\_\_ 15 \_\_\_\_\_ what subject they need to study.

- | A           | B        | C         | D       |
|-------------|----------|-----------|---------|
| 1. need     | wanted   | remain    | retain  |
| 2. except   | expect   | accept    | except  |
| 3. best     | image    | way       | place   |
| 4. see      | had      | saw       | has     |
| 5. remain   | remind   | remains   | reminds |
| 6. child's  | childs'  | childs    | child   |
| 7. grow     | draw     | drow      | grow    |
| 8. Where    | When     | The       | These   |
| 9. believe  | achieve  | pass      | know    |
| 10. grandly | politely | gradually | proudly |
| 11. most    | very     | more      | great   |
| 12. nice    | new      | clean     | clear   |
| 13. go      | move     | hate      | want    |
| 14. live    | home     | life      | house   |
| 15. demand  | declare  | decide    | delay   |

**For questions 16 to 18, complete the sentences with the correct alternative.**

16. Kanyua did not have \_\_\_\_\_ money for an air ticket so he travelled by bus.  
 A. enough                      B. plenty  
 C. much                         D. more
17. Susi courageously \_\_\_\_\_ through the pool successfully:  
 A. waded                        B. went  
 C. jogged                        D. walked
18. The passers-by \_\_\_\_\_ loudly when they saw the beast.  
 A. screamed                    B. shouted  
 C. called                         D. wailed

**For questions 19-21 choose the word that means the same as the underlined words.**

19. The teachers advised the pupils to go over their work.  
 A. write                         B. read  
 C. receive                       D. revise

20. Kiguta finally stopped smoking after talking to a counsellor.

- A. gave in                      B. refused  
 C. hated                         D. gave up

21. The police quickly jumped and caught the robber before he could cross the street.

- A. held on                        B. prevented  
 C. pounced on                 D. defended

**For question 22 and 23 choose the odd one out**

22. A spoon    B. plate    C. fork    D. knife
23. A sip        B. drain    C. gulp    D. drink

**In questions 24 and 25 choose the sentence that is correctly punctuated.**

24. A. Jim said that, " I can't spend my life complaining."  
 B. Jim said, " I can't spend my life complaining."

- C. Jim said. "I can't spend my life complaining."
- D. Jim said, "that I can't spend my life complaining."

25.A. Good gracious! Exclaimed Pat. "What have you done?"

- B. Good gracious! Exclaimed Pat! What have you done?"
- C. "Good gracious!" exclaimed Pat. "What have you done?"
- D. Good gracious, exclaimed Pat, "What have you done?"

**Read the passage below and then answer questions 26 to 39.**

Once upon a time in the animals land, hare felt very cold and shivered terribly. He needed a heavy blanket to provide him with warmth. He went to see Tortoise who was the best blanket-maker in the land. "Make me a heavy warm blanket." Hare said. "Come next year. I have ten blankets to make for other people," Tortoise said as she happily threaded a blanket at a snail's pace. "At that rate," Hare said impatiently, "I might as well make the blanket myself. Give me the threads." Hare grabbed a ball of blanket thread and ran off. When he got home, he realised that he had no idea about how to make a blanket. As he wondered what to do, he recalled that he had seen leopard's wife making blankets for her children. So he thought of a plan. He went and hid in a thicket near leopard's home. He kept watch from there.

When leopard and his wife left the house, Hare walked into the compound. He gave Leopard's child the thread and thundered: "Tell your mother the king wants her to make a warm blanket for him in three days!" When leopard and wife came home, the child said, "Mother, Mother! You must make a blanket very quickly!" "Which blanket?" Whose blanket?" Leopard's wife asked surprised. "The king's blanket!" the child said excitedly. ". The king himself brought this thread. He wants the blanket made quickly." Leopard's wife wondered how king Lion could have come to her compound instead of sending one of his many subjects. However being an obedient woman that was known to be, she immediately started making the most beautiful designed blanket she could make. She finished making the blanket and waited for the king to come for it. After waiting for long time, she decided to venture into a nearby forest to look for food.

"Immediately the king appears." She instructed the child, "Whistle loudly. I will rush back to give him his blanket." Leopard's wife had hardly stepped out of the compound when Hare jumped in front of the child and demanded, "Give me the blanket!" Leopard's child fearfully ran into the house and brought the blanket. Just then, Leopard's wife, who had seen hare jump into her compound, grabbed Hare as she tried to run off with the blanket. Hare managed to escape, but he was without the blanket and had lost his tail.

26. He shivered terribly because \_\_\_\_\_.
- A. it was too cold
  - B. he had no blanket
  - C. he had few blankets
  - D. he needed warm blankets

27. It is true to state that Hare was \_\_\_\_\_.
- A. impolite and clever
  - B. impatient and polite
  - C. hasty and quick
  - D. quick and impolite

28. The phrase at a snail's pace has been underlined. they refer to \_\_\_\_\_.
- A. ~~tortoise~~ walking speed
  - B. ~~snail~~ walking style

- C. moving like a tortoise
- D. behaving like a snail

29. Why was tortoise unable to make blanket for Hare?
- A. She wanted Hare to make the blanket.
  - B. She had more blankets to make.
  - C. She worked at a snail's pace.
  - D. She refused to make Hare's blanket.

30. According to the passage, which of the words below cannot be used to describe Hare?

- A. cunning
- B. courteous
- C. unkind
- D. rough

31. Why had Hare have to wait until Leopard and his wife had left their home?  
 A. Hare wanted to frighten his child  
 B. Leopard wanted to kill him  
 C. Leopard wanted to trick hare  
 D. Hare wanted to trick Leopard
32. Leopard's child thought that Hare was the king because \_\_\_\_\_  
 A. Hare walked and behaved like the king.  
 B. Hare told the child that he was the king.  
 C. Only the king needed warm blankets.  
 D. Only the king demanded things done for him.
33. In the passage, the word subject has been underlined. It means?  
 A. People under the king's control  
 B. Someone being discussed.  
 C. Things like science and mathematics  
 D. Those who wrong the king.
34. According to the passage, it is FALSE to state that \_\_\_\_\_  
 A. Hare needed a warm blanket.  
 B. Leopard wove blankets.  
 C. King Lion needed a warm blanket  
 D. Tortoise was willing to make the blanket.
35. According to the passage, the Leopard's wife was surprised because \_\_\_\_\_  
 A. Hare had come to her home  
 B. Lion had come to her home himself  
 C. Hare had been sent to her home  
 D. Lion had sent his subjects to her
36. Leopard instructed her child to whistle when the king appeared at her compound because she \_\_\_\_\_  
 A. feared that the king might punish her.  
 B. wanted to present the blanket herself.  
 C. wanted to meet king Hare  
 D. needed to punish Hare.
37. From the passage, Leopard's wife can be described as \_\_\_\_\_  
 A. polite, slow and motherly.  
 B. obedient, forgetful and clever.  
 C. obedient, weak and wise.  
 D. polite, motherly and clever.
38. Hare deserved to be punished because he \_\_\_\_\_  
 A. was unable to make his blanket.  
 B. terrorised Lion's child.  
 C. wanted to be the king.  
 D. was rude and a liar.
39. Leopard's child did not whistle as instructed by her mother for \_\_\_\_\_  
 A. he was afraid of Hare.  
 B. he forgot to whistle.  
 C. he was disobedient.  
 D. Hare jumped in front of him.
40. Which one of the statements below is TRUE according to the passage?  
 A. Leopard's child delivered the blanket to Hare.  
 B. Leopard's wife delivered the blanket to the king.  
 C. Hare managed to escape with the blanket.  
 D. Hare delivered the blanket to the king.

Read the passage below and then answer questions 41 to 50.

Nzambani rock is undoubtedly one of the country's largest stone outcrops. It stands tall and proudly next to Nzambani primary school in Kitui County. It is a rock with many tales. Some locals say that the stone is living while others claim they hear noise from the direction of the stone at night. It is also believed that anyone who goes around the stone seven times would be mysteriously change into a member of the opposite sex. The rock is said to have housed some ritual practices in the distant past. But the controversial tales remain just that, as no personal accounts of these happenings have ever been given.

The rock is beautiful. It leaves every single visitor yearning to come again. Its location was once filled with roaming wildlife which could jeopardise children lives and may be the cause of the many scary tales. At dusk, herdsmen striding home with their cattle in Chuluni some

metres from the rock, feel its towering presence and protection. Traders whiling away time outside their shops at the top on Kaluluku Hill get a captivating bird's eye view of the rock. At dusk, when the sun is sinking far away at Kwa-vonza; as seen from this hill, the rock looks like a big shadow. From the distant Museve and Kitimui hills, the 600 feet Nzambani rock is seen struggling for its space among the tall trees around. It is as if it is reaching up to get a gulp of fresh air since it is believed to be living. The rock has a shining allure and leaves many convinced that it might be growing. Or how else would you explain the amazing fact that even though the trees keep on growing throughout the year, they never surpass it in height.

Nzambani rock remains a scenic tourist attraction in Kitui County. It is only about 45 minutes drive from Kitui town. It has a metallic staircase to its top, which was built some years back. An adorable fees is levied for both locals and foreigners at the parking lot office. It takes only 15 minutes to walk from the parking lot to the base of the rock. The staircase is fenced for the sake of children and other 'height phobic' people. On a windy day, the ladder sways. A spectacle that scares many people with the fear of height. From the top, one has a 360 degrees view of Kitui County. Nzambani rock is visible from a distance of 60 miles away. It is no doubt a symbol of identity for the region and explains in many ways, its captivating history.

41. The word proudly has been underlined. Its OPPOSITE in meaning is?
- A. humbly                                      B. shyly  
C. highly                                        D. lowly
42. According to the passage, it is FALSE to state that \_\_\_\_\_.
- A. Nzambani rock is one of the largest rocks in the country.  
B. Nzambani rock stands tall next to Nzambani primary school.  
C. Nzambani is the largest rock in the country.  
D. Nzambani rock is a spectacular site.
43. The phrase 'But the controversial tales remains just that, as no personal....' Mean?
- A. The tales have founded truth.  
B. The tales have no evidence.  
C. The tales are to scare people.  
D. The tales attracts tourists.
44. According to the passage, it is TRUE to state that \_\_\_\_\_.
- A. the rock has mysterious power  
B. the rock is very scaring  
C. the rock has noises at night  
D. the rock is an attractive site
45. From the passage, Nzambani can be described as \_\_\_\_\_.
- A. rocky and bare.  
B. windy and bushy  
C. forested and bare  
D. rocky and forested
46. According to the passage, the inhabitants believe that Nzambani rock \_\_\_\_\_.
- A. stands tall.  
B. is a tourist den  
C. is alive  
D. has a metallic ladder.
47. People who climb Nzambani rock are advantaged to \_\_\_\_\_.
- A. away on the metallic staircase.  
B. see the tourist scenic attraction.  
C. see the entire Kitui County.  
D. to see the symbol of the region.
48. According to the passage, at dusk \_\_\_\_\_.
- A. herdsmen stride home at Nzambani.  
B. traders while time near Nzambani.  
C. Nzambani has a shining allure.  
D. Nzambani looks like a large shadow.
49. Trees grow each year and do not surpass Nzambani because \_\_\_\_\_.
- A. Nzambani is quite tall.  
B. Nzambani grow quickly.  
C. trees grow slowly.  
D. trees struggle to get taller.
50. The BEST title for the passage is?
- A. Nzambani the growth rock.  
B. Nzambani is the amazing fact.  
C. spectacular site.  
D. Levies for both local and foreign tourists.

- Which of the following blood vessels carries oxygenated blood to the heart?
  - Vena cava
  - Pulmonary vein
  - Aorta
  - Pulmonary artery

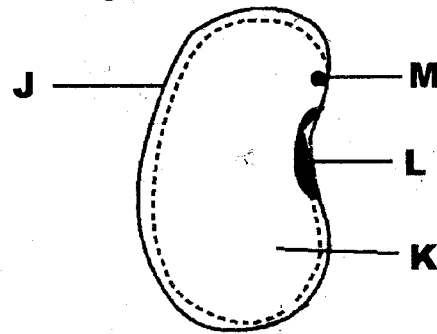
- The diagram below shows a type of tooth in a man.



The function of the tooth is

- Cutting food
  - Chewing food
  - Grinding food
  - Tearing food
- Which of the following drug is a depressant when abused in excess?
    - Alcohol
    - Khat
    - Tobacco
    - Bhang
  - The following are stages of HIV and AIDS infection. Which one of them does an infected person test negative?
    - Incubation
    - Symptomatic
    - Full blown
    - Window
  - Which pair below has only green non flowering plants?
    - Sisal and cactus
    - Moss and sisal
    - Fern and moss
    - Sisal and fern
  - Which crop pests destroy young crops in the field?
    - Aphids
    - Cutworms
    - Stalk borer
    - Weaver birds

- The diagram below shows a bean seed



Which letter represents the seed leaf?

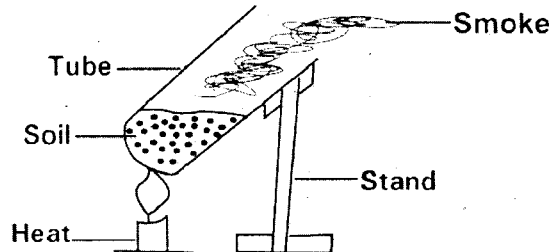
- J
  - K
  - M
  - L
- In the table below which farm animal is NOT matched with its product

	Animal	Products
A.	Sheep	Mutton and wool
B.	Chicken	Meat and eggs
C.	Goat	Milk and wool
D.	Cattle	Milk and beef

- Which pair has animals that share common characteristics?
  - Toad and newt
  - Tilapia and salamander
  - Fish and turtle
  - Lizard and shark
- Which one of the following methods of grazing is the odd one out?
  - Strip grazing
  - Tethering
  - Paddocking
  - Herding
- The following are domestic uses of water. Which one is NOT?
  - Cooking
  - Bathing
  - Irrigating flowers
  - Washing
- Which of the following water borne disease is characterized by blood in urine or stool?
  - Typhoid
  - Bilharzias
  - Cholera
  - Dysentery

13. The following pollute water. Which one does NOT?
- A. Industrial effluent
  - B. Farm chemicals
  - C. Oil spills
  - D. Treated sewage

14. Standard four pupils carried out the activity shown below



From the activity is it true to say soil contains

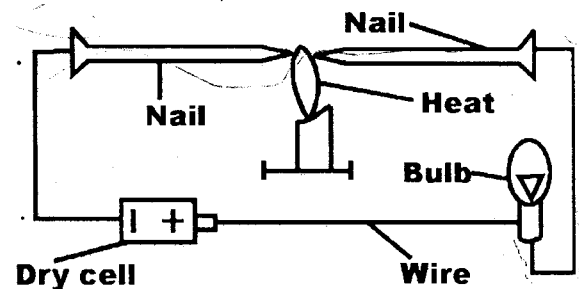
- A. Mineral particles
  - B. Water
  - C. Organic matter
  - D. Animals
15. Which property of sandy soil does NOT depend on size of particles?
- A. Capillary
  - B. Colour
  - C. Drainage
  - D. Texture
16. Which pair has only macro nutrients needed by plants?
- A. Calcium, copper
  - B. Potassium, iron
  - C. Zinc, chlorine
  - D. Nitrogen, phosphorus
17. Which of the following is NOT a source of energy to the body?
- A. Green banana
  - B. Groundnut
  - C. Carrots
  - D. Cooking oil
18. Which one is NOT a sign of marasmus?
- A. Wrinkled face
  - B. Pot belly
  - C. Being hungry all the time
  - D. Patient is alert

19. A method of preserving food that makes micro-organism less active is?
- A. Freezing
  - B. Canning
  - C. Salting
  - D. Drying

20. Which property of a thermos flask prevents heat loss by radiation?
- A. Shiny surface
  - B. Vacuum
  - C. Cork stopper
  - D. Plastic casing

21. Which one is a natural way of lighting a house? Using
- A. Electricity
  - B. Gas lamp
  - C. Sky lights
  - D. Pressure lamps

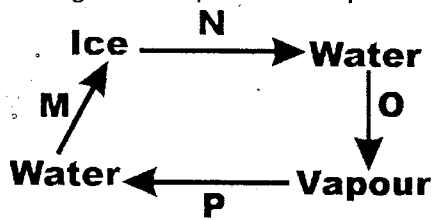
22. The diagram below shows an activity carried out by standard 5 pupils.



From the activity the bulb lit after sometimes. This was because of

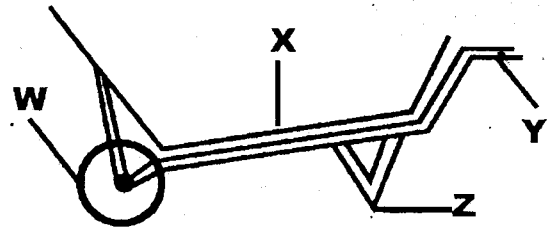
- A. Expansion of solids
  - B. Conduction of heat
  - C. Contraction of the nails
  - D. Radiation of heat
23. Which one of the following is NOT a source of current electricity?
- A. Hydroelectricity
  - B. Dry cells
  - C. Bicycle dynamos
  - D. Lightning
24. Which one of the following makes a strip made of metal to float on water?
- A. Weight
  - B. Shape
  - C. Material
  - D. Size

25. In the diagram which letters represent freezing and evaporation respectively?



- A. M and P  
 B. N and O  
 C. P and N  
 D. M and O
26. Which of the following is a use of a component that makes 78% of air by volume?  
 A. Putting out fire  
 B. Supporting burning  
 C. Making proteins  
 D. Preserving soda
27. Which pair below has materials that a magnet can attract?  
 A. Pin and razor blade  
 B. Steel spoon and copper coin  
 C. Wood and rubber  
 D. Razor blade and silver coin
28. Which mixture below cannot be separated by dissolving, filtering and evaporation?  
 A. Flour and salt  
 B. Sand and sugar  
 C. Sugar and glucose  
 D. Chalk dust and salt
29. The following are reasons for maintaining simple tools. Which one is NOT?  
 A. Prevent accidents  
 B. Make them attractive  
 C. Prevent rusting  
 D. Make them more efficient
30. Which one is NOT a unit for measuring mass of an object?  
 A. Tones  
 B. Kilograms  
 C. Newtons  
 D. Grams

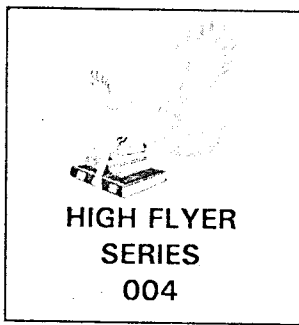
31. The diagram below shows a lever in use.



- From the diagram which letters represent the effort distance?  
 A. W, Y  
 B. X, Z  
 C. W, X  
 D. X, Y
32. Which one of the following does not help in conserving water?  
 A. Harvesting rain water  
 B. Mulching  
 C. Using sprinkle irrigation  
 D. Reusing water
33. The chart below shows a food chain.  
 Plants- rabbits- hawk- vulture  
 Which of the following animal belongs to the same group as a vulture?  
 A. Weaver bird  
 B. Hyena  
 C. Bat  
 D. Mole
34. Which of the following is NOT true about an insect pollinated flower?  
 A. It is small in size  
 B. Produces sticky pollen grains  
 C. It is scented  
 D. Presence of nectar
35. Insectivorous plants grow in soils  
 A. Lacking insects  
 B. Lacking water  
 C. Lacking phosphorous  
 D. Lacking nitrogen
36. Which one is NOT a function of all plant leaves?  
 A. Food storage  
 B. Manufacture of food  
 C. Transpiration  
 D. Gaseous exchange



37. The type of cloud that has flat bottoms is a sign of
- Heavy rainfall
  - Hot weather
  - Fine weather
  - Stormy weather
38. Which of the following planet is also known as the evening Star?
- Jupiter
  - Mercury
  - Venus
  - Mars
39. The main reason of placing a rain gauge 30cm above the ground is?
- Prevent evaporation of water collected
  - Prevent the rain gauge from being washed away
  - Collect more rain water
  - Prevent splashing of water into the funnel
40. The following are effects of abusing drugs:
- Withdrawal
  - Rape
  - Convulsions
  - Truancy
- Which effects are social effects of abusing drugs?
- i and iii
  - ii and iii
  - ii and iv
  - i and iv
41. Which one is not a use of force that opposes motion?
- Lighting a match stick
  - Causes tear and wear of machines
  - Enables us to walk
  - Helps in skating
42. Absorption of digested food occurs in the
- Ileum
  - Rectum
  - Duodenum
  - Colon
43. Which one is NOT true about a sample of soil obtained from the river bank?
- Cracks when dry
  - Mixes easily with cement
  - Is easily water logged
  - Has the highest capillarity
44. Which one of the following will expand most when heated?
- Ice
  - Iron nail
  - Spirit
  - Smoke
45. Constipation in human beings can be prevented by?
- Drinking enough water
  - Eating foods rich in fibre
  - Eating enough proteins
  - eating enough vitamins
46. The surrounding of an organism is described as its
- Habitat
  - Shelter
  - Environment
  - Home
47. Which one of the following is NOT needed when making a simple liquid thermometer?
- A glass bottle
  - Coloured water
  - A cork stopper
  - Glass container
48. Which one of the is NOT a sign of an animal attacked by external parasites
- Irritation
  - Anaemia
  - Swollen belly
  - Low quality skins
49. Which one of the following explains the functions of hair and mucus found in the air passages?
- Keep the trachea open
  - Protect the nose
  - Clean the air
  - Help in exchange of gases
50. Which of the following vaccines are given to a baby at birth?
- BCG and Oral polio
  - DPT and Oral polio
  - BCG and DPT
  - Oral polio and Yellow fever vaccine.



# HIGH FLYER TRIAL EXAM 2016

## STANDARD EIGHT

### MARKING SCHEME

ENGLISH	KISWAHILI	MATHS	SCIENCE	SOCIAL STUDIES		
1. A	1. C	1. B	1. C	1. A	51. B	<u>I.R.E</u> 1. B 2. D 3. A 4. B 5. D 6. A 7. A 8. A 9. C 10. B 11. A 12. C 13. D 14. D 15. A 16. C 17. A 18. A 19. A 20. B 21. D 22. D 23. C 24. B 25. B 26. B 27. C 28. B 29. A 30. D
2. C	2. D	2. C	2. A	2. D	52. D	
3. C	3. B	3. A	3. D	3. B	53. B	
4. D	4. C	4. D	4. C	4. C	54. A	
5. A	5. B	5. D	5. C	5. D	55. C	
6. A	6. A	6. C <sup>AD</sup>	6. B	6. C	56. B	
7. D	7. B	7. A	7. D	7. B	57. C	
8. B	8. B	8. B	8. A	8. D	58. A	
9. B	9. C	9. C	9. D	9. C	59. C	
10. C	10. B	10. B <sup>376</sup>	10. C	10. B	60. D	
11. A	11. A	11. A	11. B	11. C	<u>C.R.E</u> 61. D 62. B 63. C 64. D 65. D 66. A 67. D 68. C 69. C 70. B 71. D 72. A 73. A 74. C 75. B 76. D 77. A 78. B 79. C 80. D 81. D 82. A 83. C 84. A 85. C 86. B 87. C 88. C 89. A 90. D	
12. D	12. B	12. B	12. D	12. C		
13. D	13. A	13. D	13. C	13. A		
14. C	14. B	14. C	14. C	14. C		
15. C	15. C	15. A	15. B	15. B		
16. A	16. B	16. B	16. A	16. D		
17. A	17. B	17. D	17. D	17. A		
18. A	18. C	18. B	18. B	18. D		
19. D	19. A	19. A	19. D	19. B		
20. D	20. C	20. C	20. A	20. D		
21. C	21. C	21. D	21. C	21. C		
22. B	22. B	22. A <sup>AD</sup>	22. B	22. D		
23. B	23. D	23. D	23. D	23. D		
24. B	24. D	24. C	24. B	24. B		
25. C	25. B	25. B	25. D	25. B		
26. A	26. D	26. C	26. A	26. A		
27. D	27. B	27. D	27. C	27. D		
28. B	28. B	28. A	28. C	28. B		
29. B	29. C	29. D	29. B	29. C		
30. B	30. C	30. B	30. D	30. C		
31. D	31. A	31. C	31. A	31. A		
32. D <sup>B</sup>	32. C	32. A	32. A	32. A		
33. A	33. D	33. D	33. C	33. C		
34. C	34. B	34. A	34. B	34. C		
35. B	35. B	35. C	35. D	35. D		
36. B	36. C	36. B	36. C	36. C		
37. D	37. B	37. B	37. A	37. C		
38. D	38. D	38. C	38. C	38. B		
39. A	39. C	39. A	39. B	39. A		
40. A	40. C	40. D	40. D	40. D		
41. A	41. D	41. C	41. A	41. A		
42. C	42. C	42. D	42. C	42. B		
43. B	43. C	43. B	43. C	43. B		
44. D	44. C	44. A	44. B	44. A		
45. D	45. A	45. A	45. D	45. C		
46. C	46. A	46. C	46. B	46. B		
47. C	47. B	47. B	47. D	47. D		
48. D	48. D	48. D	48. B	48. D		
49. A	49. B	49. A	49. D	49. A		
50. C	50. B	50. B	50. B	50. C		



# HIGH FLYER TRIAL EXAM 2016

## STANDARD SEVEN

### MARKING SCHEME

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

84  
 84  
 168  
 6  
 22  
 21  
 24

7 x 5 = 35