Study the map of Gaturi area and answer questions 1 to 7
1. Which one of the following explains why the road in Tiba area has bends? To avoid
   A. crossing rivers
   B. the thick forest
   C. climbing steep slopes
   D. building of many bridges

2. Which side of Tiba receives the heaviest rainfall?
   A. North Eastern side  B. North Western side
   C. South Western side  D. South Eastern side

3. Which one of the following is at the lowest point above sea level
   A. Mosque    B. Forest
   C. Leo market D. Tiba town

4. Which one of the following would be the least description of the climate of the area to the North of the map?
   A. cold and dry          B. hot and dry
   C. cool and wet          D. hot and wet

5. Which one of the following is unlikely to be used for the transportation of goods within the areas covered by the map?
   A. bicycle              B. car
   C. lorry                D. train

6. What is the direction of the posho mill from the mosque?
   A. North East    B. South West
   C. South East    D. North West

7. The type of settlement in Tiba area is
   A. Nucleated
   B. Linear
   C. Dense
   D. Sparse

8. Which one of the following groups of Western African communities belong to the West Atlantic speakers?
   A. Mossi, Gurma
   B. Kanuri, Azande
   C. Fulani Wolof
   D. Susu, Bambara

9. Which one of the following statements is true about the climate of the Congo basin?
   A. the region has two rainy seasons
   B. the temperatures are low throughout the year
   C. the region experience rainfall in winter
   D. the rainfall is high throughout the year

10. Which one of the following statements correctly describes the position of Africa? It is located
    A. East of Asia
    B. East of the Indian Ocean
    C. North of Europe
    D. West of the Indian Ocean

11. Which one of the following factors least influenced the settlement of the Nilotes into Eastern Africa?
    A. existence of road network
    B. availability of food
    C. availability of pastures
    D. availability of safe areas to live in

12. Before the coming of the Europeans the San were ruled by
    A. Kings
    B. Chiefs
    C. Consensus
    D. Council of elders

13. Which one of the following factors mainly led to the migration of the Gabbra from the Horn of Africa
    A. search of trade goods
    B. lack of water
    C. search for pastures
    D. religious conflict

14. Which one of the following European nations colonised Tanganyika?
    A. Britain
    B. Germany
    C. Italy
    D. France

15. Kabaka Mutesa I of the Baganda collaborated with the British during the establishment of the colonial rule in Uganda because he wanted to
    A. learn new methods of administration
    B. obtain financial support from the British
    C. obtain military support against his enemies
    D. learn new farming methods

16. Which one of the following minerals is mainly obtained through dredging?
    A. copper
    B. soda ash
    C. crude oil
    D. diatomite

17. Which one of the rivers below flow into lake Turkana?
    A. River Perker  B. River Kuja
    C. River Nile  D. River Omo

18. Which one of the following statements is false about trees in the Democratic Republic of Congo (DRC)?
    Trees are used as
    A. a source of firewood
    B. for making paper
    C. for building houses
    D. as a source of herbal medicine
27. The nationalist in Tanganyika mainly struggled for their independence through
A. getting military support from neighbouring countries
B. fighting all the European powers
C. using guerrilla warfare
D. forming political parties

28. Ethiopian’s leading export crop is
A. sugarcane  B. rice  C. sisal  D. coffee

29. Which one of the following is the highest non-volcanic mountain in Africa?
A. Mount Ruwenzori  B. Mount Kilimanjaro
C. Mount Kenya  D. Mount Suswa

30. In the urban centres of Kenya the poultry kept for meat are known as
A. layers  B. broilers  C. Kuroilers  D. Indegenous

31. In Kenya cabinet secretaries are appointed by the
A. Deputy president  B. President
C. County commissioners D. Governor

32. Which river borders Uganda and Tanzania?
A. River Ruvuma  B. River Madagascar
C. River Katonga  D. River Kagere

33. Which is the capital city of Nigeria?
A. Lagos  B. Abuja
C. Kano  D. Kaduna

34. The diagram below shows a weather measuring instrument

The instrument above is marked in units called
A. meters  B. centimeter
C. millimeters  D. millilitres

35. Mount Pare was formed as a result of
A. faulting  B. folding
C. volcanicity  D. erosion

36. Which one of the following is an example of manufacturing industry?
A. banking  B. motor vehicle repair
C. flour milling  D. shoe making

Use the map of Africa below to answer questions 19-22

19. The vegetation found in the area marked Q is
A. Mediterranean  B. Desert
C. Savanna  D. Equitorial

20. The island marked P is
A. Ugunja  B. Pembe
C. Sao Tome Principe  D. Madagascar

21. The climate of the area marked W in the map is
A. hot and wet throughout the year
B. hot and dry throughout the year
C. cool and wet throughout the year
D. cool and dry throughout the year

22. The place marked R is
A. Mediterranean sea  B. Cape of Good hope
C. Cape Ras Hafun  D. Cape Blanco

23. Which one of the following is NOT an example of a traditional industry?
A. weaving  B. pottery
C. basketry  D. insurance

24. The main factor which influence mountain vegetation is
A. latitude  B. altitude
C. soil type  D. rainfall amount

25. The process that formed most lakes on the floor of the Rift valley is
A. faulting and uplifting  B. faulting and sinking
C. erosion  D. down warping

26. Which one of the following area in Africa is densely populated?
A. South Eastern Ethiopia
B. Mauritania
C. Highland of Burundi
D. South Western Africa
37. One of the duties of the Ameru council of elders before the coming of the British into Kenya was
A. defending wrong doers
B. attending meetings
C. settling disputes
D. going to war

38. The major tourist attraction in Egypt is
A. Nile Delta
B. Aswan High dam
C. Early civilisation
D. Pyramids

39. The Fouta Djalon mountains are located in
A. Cameroon
B. Nigeria
C. Guinea
D. Mali

40. In Kenya counties are headed by
A. Senators
B. Chiefs
C. Governors
D. Members of Parliament

41. The water body found to the North East of Africa is
A. Indian Ocean
B. Mediterranean sea
C. Atlantic Ocean
D. Red sea

42. The time in Kibish 45°E is 2.00pm. What is the time in Mashuru 15°E?
A. 12.00 noon
B. 1200 midnight
C. 4.00 pm
D. 4.00 am

43. In Kenya laws are made in
A. wards
B. constituencies
C. counties
D. parliament

44. In Kenya the largest human-made lake is
A. Lake Victoria
B. Lake Masinga
C. Lake Turkana
D. Lake Chala

45. Which one of the following is NOT one of the arms of government?
A. Executive
B. Legislature
C. Judiciary
D. Armed forces

46. The last population census in Kenya was held in
A. 1975
B. 2010
C. 2011
D. 2009

47. The main tributary of River Zambezi is
A. River Shire
B. River Vaal
C. River Cunene
D. River Benue

48. Which one of the following resistances took place in Tanganyika
A. Ababukusu
B. Huche
C. Mandinka
D. Nandi

49. The physical feature that covers most parts of Africa is
A. mountains
B. plateau
C. oceans
D. leasing

50. The most effective method of preserving fish is
A. salting
B. drying
C. smoking
D. canning

51. To become a member of county assembly in Kenya one must have attained the minimum age of
A. 45 years
B. 35 years
C. 55 years
D. 18 years

52. Who was the first whiteman to see Mount Kenya?
A. Dr Ludwig Krauf B. John Rebman
C. David Livingstone D. William Mackinon

53. Which one of the following statements is true about cloves growing in Tanzania? Clove is
A. mainly grown by large scale farmers
B. mainly grown for local use
C. harvested by machines
D. mainly grown under irrigation

54. The head of government in Uganda is
A. Queen
B. King
C. Prime Minister
D. President

55. The part marked Y is
A. Fold
B. Fault
C. Arm
D. Base

56. Which one of the following counties has a landscape represented in the diagram above?
A. Kenya
B. Morocco
C. Nigeria
D. Zambia

57. The headquarters of East African community is located in
A. Addis Ababa
B. Arusha
C. Abuja
D. Namimbia

58. Which one of the following is the main function of Junja town? It is
A. an industrial town

SOCIAL STUDIES - 08/7/15
59. In which one of the following months is summer MOST likely to be experienced in Tunisia?  
A. June  
B. December  
C. March  
D. September

60. In Kenya the largest area under forest are in the  
A. Coastal plains  
B. Central highlands  
C. Lake Victoria  
D. Nyika plateau

61. Three of the following statements are correct according to the Genesis stories of creation, EXCEPT  
A. Adam named animals  
B. Human beings are the co-creators  
C. The woman was given to Adam mainly for procreation  
D. God separated the light and darkness on the first day of creation

62. During the time of Noah, God punished the earth by flood mainly because of  
A. Idol worshipping  
B. Sexual immorality  
C. Murder  
D. Exploiting the poor

63. Jacob worked for Laban for 14 years to get  
A. Sarah  
B. Rael  
C. Rachael  
D. Keturah

64. The second passover to be performed by Israelites took place in  
A. Wilderness  
B. Egypt  
C. Canaan  
D. Mt. Sinai

65. Which of the following commandments has a promise?  
A. 2nd  
B. 4th  
C. 3rd  
D. 5th

66. Gideon rescued the Israelites from Midianites. Gideon was from the tribe of  
A. Judah  
B. Levi  
C. Manasseh  
D. Dan

67. "Lord! Do not remember this sin against them!" These words in the book of Acts were spoken by  
A. Jesus  
B. Barnabas  
C. Stephen  
D. Saul

68. Which was the main problem faced by Joseph while he was serving in potiphar’s household in Egypt?  
A. Interpretation of dreams  
B. Worries about his family members
79. Jesus made a triumphant entry into Jerusalem. He did so while riding on a
   A. donkey  B. chariot  C. horse  D. carmel

80. _______ chose to go with Naomi to a strange land.
   A. Orpha  B. Mahlom  C. Phoebe  D. Ruth

81. From the story of Ananias and Saphira in Acts 5:1-11, Christians learn the value of
   A. courage  B. honesty  C. humility  D. service

82. The married members of society can avoid contracting HIV/AIDS by
   A. going to HIV tests  B. abstaining from sex  C. going to church always  D. having only one sexual partner

83. The wise men from the East brought the following gift to Jesus except
   A. Gold  B. Silver  C. Myrrh  D. cense

84. Which statement is not found in the Lord's prayer?
   A. Forgive us our sins  B. Thy kingdom come  C. Hallowed be thy name  D. Father Almighty

85. There were specialists in traditional African community. Who among the following was not a specialist?
   A. Witchdoctor  B. Rainmaker  C. Warrior  D. Magician

86. Johann Rebman came to Kenya in 1846 mainly to
   A. spread Western culture  B. spread the gospel  C. take part in trade  D. teach hygiene to the African

87. Three women went to the tomb Jesus was buried on Sunday morning mainly to ________
   A. steal the body of Jesus  B. to worship Jesus  C. anoint the body  D. see if he had ressuresced

88. Which of these disciples of Jesus was called from a tax office?
    A. Simon  B. Nathaniel

89. Lydia of Thyatira was a dealer in purple clothes. She welcomed Paul and Silas to her house after they left prison at ________
    A. Judea  B. Samaria  C. Phillipi  D. Sychar

90. The best way a christain can spend his/her leisure time well is by
    A. visiting orphans  B. watching christians movie  C. singing in a church choir  D. reading a novel
Chagua jibu lifaalo zaidi kujaza mapengo 1-15


1. A. kauli       B. kamba       C. shaari       D. uamuzi
2. A. tharura     B. dharuru     C. ghafula      D. kiusalama
3. A. tetezi      B. tetesi      C. funu         D. monyono
4. A. anyalau     B. katika      C. agahalabu   D. kwa
5. A. masomo      B. vipindi     C. mafuunzo    D. mafundisho
6. A. doedoe      B. mang’amu ng’amu C. hisia        D. maruerue
7. A. maghalamu   B. walimu      C. wavyele     D. ghulamu
8. A. usiku       B. alasiri      C. mechana     D. wakaa
9. A. ganjo       B. dahalia     C. bwaloo       D. mabara
10. A. hawana     B. warmetikita  C. hawaju      D. wameja
11. A. bung’aa    B. shangaa     C. radi         D. butaa
12. A. ilisheni   B. ilisakimu   C. lilisheeni   D. lilisakimu
13. A. umdhaniaye ndiye siye  B. asiyejukua  C. maji matulivu D. asiyesikia la mkuu hakuthamini huvunjika guu
14. A. ambalo     B. ambapo      C. ambayo       D. ambaye
15. A. nasaha     B. jinsia      C. taalumu      D. dini

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16. Ziada ya mkopo huitwaje?  
A. Ada   B. Ridhhaa  
C. Riba   D. Karadha

17. Tumia neno la adabu kuelezea lile limepigia mstari  
Dada yangu ana mimba  
A. Amehimili  B. Amebeba  
C. Amesali  D. Amelemewa

18. Shombo, chombo koma goma, shairi, shahiri.  
Maneno haya huitwaje?  
A. Nomino jozi  B. Visawwe  
C. Vitatamishi  D. Vitate

19. Chagua sentensi yenyne kivumishi cha pekee  
A. Mwanafunzi mwingine ameitwa  
B. Kiti chake kimevunjia  
C. Mbwa hatari wamemkimbiza mtoto  
D. Mtodo wa mwali mu amekuja

20. Chagua tashbihi mwaafaka kukamilisha maneno haya  
Yeye ana maneno mengi kama  
A. Kasuku  B. Upepo  
C. Simu  D. Chiriku

21. Ni usemi upi tutakaoutumia kudhihirisha kuwa  
hawana kitu chochote kilichosalia  
A. wamekanyaga chechele  
B. hawaoni hawasikii  
C. mambo yao yamehongera  
D. hawana hawanani

22. Neneo baki katika kikundi hiki ni lipi?  
A. Tarbia  B. Ngojera

23. Selina alikunywa soda. Kwa hivyo soda ________ na Selina  
A. ilikunywa  B. ilinyewe  
C. ilikunyika  D. ilikunywia

24. Kamiliisha methali. Msiba wa kujitakia ________  
A. haumbiwi pole  B. huna pole  
C. hauna kilio  D. haumbiwi pole

25. Tegua kitendawili: Anajenga nyumba kwa mate ________  
A. Mchwa  B. Kasuku  
C. Kunguru  D. Nyuni

26. Kikembe cha nyuki huitwaje  
A. Jana  B. Kiwavi  
C. Kimatu  D. Kiluwiluwi

27. Chagua sentensi yenyne po ya wakati  
A. Hapo aliposimama pana uchafu mwingi  
B. Alipohamia sipafahamu vizuri  
C. Hapo ndipo patakapojengwa hospitali  
D. Alipofika tulimshangilia

28. Maswali ________ haya.  
A. ndiyo  B. ndizo  
C. ndivyo  D. ndio

29. Mwizi ________ alikamatwa na askari  
A. ambaye  B. mwenyewe  
C. aliye  D. mwenye

30. Mtoto wa shangazi huitwa ________  
A. ami  B. mpwa  
C. mkoi  D. umbu
Soma habari hii kisha ujibu maswali 31-40


Alionyesha ubabe wake kwelikweli. La kustaajabisha ni kuwa licha ya ufanisi wake huo wa masomo na vyeti, hakuku na kingine chochote cha kuthibitisha ufanisi wake. Amini usiamini, hakufanya kazi yoyote.


31. Mbona mwandishi anasema jina ‘ Busara’ lilimfaa ...
   A. utajiri wa mali
   B. hakumunika
   C. alifahamu mengi
   D. alitabasamu kilama

32. Kisawe cha busara ni
   A. akili B. hekima
   C. juhudi D. bidii

33. Kamilisha methali. Ada ya mja hunena __________
   A. mwugwana ni kitendo
   B. mdomo ukanyamaza
   C. mtu si kusema ni kutenda
   D. mtu ni jiraniwe

34. Mwandishi anasema kuwa kuna watu wengi wana majina makubwa __________
   A. Yanayofanana na tabia zao
   B. Yanayoonyesha matendo yao
   C. Tofauti na tabia zao
   D. Yanalandana na tabia zao

35. Jozi gani inaeliza tabia za Busara
   A. Mwerevu na mwenye bidii
   B. Mvivu na myamavu
   C. Mjuzi na mbishi

36. Ni katika umri gani Busara alijipata maskini?
   A. Makamo B. Ukongwe
   C. Ujana D. Hatujaelewa

37. Kichwa chepesi’ nahau hii ina maa kuwa
   A. Alielewa mambo polepole
   B. Alielewa mambo haraka
   C. Alisahau haraka
   D. Alikumbuka haraka

38. Nini kiliwashtua watu
   A. Busara alikuwa mbishi sana
   B. Busara alikufa haraka sana
   C. Busara alikuwa bila chochote
   D. Busara alikuwa licha ya kuwa tajiri

39. Gani si sifa ya busara?
   A. kudharau wenziwe
   B. ubishi
   C. uvumilivu
   D. ubabe

40. Kichwa mwafaka cha habari hii ni
   A. Tamaa mbele mauti nyuma
   B. Busara mvivu
   C. Busara mvuvi
   D. Busara mwenye chudi

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**Soma kifuungu hiki kisha ujibu maswali 41-50.**

Dawa za kulevyana ni kitu chochote kinachoathiri’hal ya kawaida ya mwili wa binadamu. Zipo aina aina na mihadarati mathalani bangi, kokeni mandaraksi, heroini, sigara, gundi na pombe. Aidha zipo dawa zinazopendekewa na daktari ili kupunguza maumivu mwili. Pindi zinapotumwa vibaya huleta uraubi unaoweza kuathiri afya.


41. Dawa za kulevyana ni?
   A. chochote kinachotumwa vibaya
   B. chochote kinachoathiri halí ya kawaida ya mtu
   C. chochote kinachoathiri binadamu
   D. chochote kinachoathiri mwili wa binadamu

42. Maradhi gani yanayosababihwa na dawa za kulevyana ni?
   A. kichoco
   B. kipindupindu na saratani
   C. kichaa na saratani ya mapafu
   D. kichaa na saratani ya matiri

43. Dawa gani kati ya hizi hajijatajiwa katika ufahamu?
   A. Kokeini
   B. Heroini
   C. Miraa
   D. Gundi

44. Mazoea ya kutumia mihadarati husababisha
   A. Uraibu
   B. Uhalali
   C. Ulanguzi
   D. Uharamu

45. Nini huongeza uhalifu kulingana na mujibu wa kifungu hiki
   A. Dawa za kulevyana
   B. Waraibu wakitafula dawa za kulevyana
   C. Wezi
   D. Waraibu wakitafula pesa za kununulia dawa hizi

46. Matumizi ya mihadarati kwa muda mrefu yanaweza

47. Nini maana ya kuhitilafiana
   A. kutosheka
   B. kutofautiana
   C. kufurahisha
   D. kukata tamaa

48. Pana uhusiano upi katika mihadarati na UKIMWI?
   A. Wahasiriwa wa mihadarati wanaugua ukimwi
   B. Sindando wanazotumia wahuiska wa mihadarati zinazoweza kubeba virusi kwa kuwa hazitakasiw
   C. Mihadarati huua sava na Ukimwi
   D. Ukimwi ni hatari kuliko mihadarati

49. ‘Umoja ni nguvu’ ni fani gani ya lugha
   A. methali
   B. shida
   C. nahau
   D. kitendawili

50. Mada mwafaka ya taarifa hii ni
   A. Madawa ya kulevyana
   B. Dawa za kulevyana
   C. Madhara ya dawa za kulevyana
   D. Uraibu

KIS - 08/7/15
1. Mushrooms belong to a group of plants called
   A. Fungi    B. Bacteria
   C. Conifers  D. Non-flowing plants

2. Which animal provides the farmer with wool and mutton?
   A. Goat    B. Sheep
   C. Cattle  D. Poultry

3. A class 4 pupil classified crops as shown below

   Cash Crops
   - Fibre
     - Cottons
     - Groundnuts
   - Oil Crops
     - Sisal
     - Cassava

   Which two crops did the pupil classify WRONGLY?
   A. Cassava and cotton
   B. Groundnuts and cassava
   C. Sisal and groundnuts
   D. Cassava and sisal

4. Which statement is INCORRECTLY?
   A. When the auricles contract, blood goes to all body parts
   B. Ventricles pump blood to body parts
   C. Contraction of auricles and ventricles causes heart beats
   D. When auricles contract, blood enters the ventricles

5. Which one is NOT a characteristic of insect pollinated flowers?
   A. presence of nectar
   B. produce stick pollen grains
   C. Dull in colour
   D. Scented

6. The type of teeth used for tearing flesh
   A. are sharp pointed
   B. have two roots
   C. are flat at the top

7. The pie chart below represents the composition of air

   Which of the labelled parts represents the gas used in photosynthesis?
   A. Q    B. P
   C. S    D. R

8. Which pair of vaccines are given to an infant at birth?
   A. Measles and BCG
   B. Polio and BCG
   C. DPT and Polio
   D. Yellow fever and DPT

9. Which of the following CORRECTLY shows the order of changes of state of matter?
   A. Liquid - gas - solid
   B. Gas - solid - liquid
   C. Solid - liquid - Gas
   D. Solid - gas - liquid

10. Which method would NOT help to control external livestock parasite?
    A. Deworming
    B. Dipping
    C. Spraying
    D. Handpicking

11. The diagram below shows parts of a maize grain

    A
    D
    B
    C
    E

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Which of the labelled parts represents the embryo of the seed?
A. D and E  B. A and B
C. C and B  D. D and C

12. The method of preserving food where heating is done on the food to kill germs before it is put in sealed containers is called
A. sundrying  B. canning
C. boiling  D. smoking

13. The female sex cells are produced in the
A. Oviduct  B. Uterus
C. Ovary  D. Vagina

14. Which of the drugs below is COMMONLY associated with liver cirrhosis?
A. Tobacco  B. Cocaine
C. Khat  D. Alcohol

15. Which of the following is NOT a way of polluting water?
A. Discharging treated sewage into rivers
B. Oil spills
C. Animals drinking water in the river
D. Floods

16. The diagram below shows parts of a mamalian heart

![Diagram of a mamalian heart]

The blood vessel marked T
A. carries oxygenated blood
B. Transports blood to all body parts
C. Has valves along its length
D. carries deoxygenated blood

17. When the pollen grains from the anthers land on the stigma, we say ______ is complete
A. fertilisation  B. pollination
C. germination  D. flowering

18. Which of the following food DOES NOT provide the body with energy?
A. Groundnuts  B. Green bananas
C. Peas  D. Sweet potatoes

19. Noah weighs 50kg while Nick weighs 60kg. For them to balance on a see-saw
A. Noah should stand on the see saw
B. Nick should move away from the fulcrum
C. Noah should move closer to the
D. Nick should move closer to the fulcrum

20. The pressure exerted by a liquid depends on
A. depth  B. mass
C. volume  D. surface area

21. Which of the following does NOT help to control weeds?
A. Grazing cows  B. Digging out
C. Slashing  D. Use of herbicides

22. Which statement is TRUE?
A. All drugs can prevent diseases
B. All medicines are drugs
C. All drugs are medicines
D. All drugs cure diseases

23. Which of the materials below is translucent?
A. Coloured plastic  B. Clear window pane
C. Frosted glass  D. Softboard

24. Which of the substances would expand the MOST when heated?
A. Carbon dioxide  B. Water
C. Iron rod  D. Wooden rod

25. Which of the following is a common characteristics between reptiles and amphibians?
A. scales covering their body
B. contant body temperature
C. laying eggs
D. external fertilisation
26. The diagram below represents an improvised weather instrument made by std 5 pupils.

```
  Straw
    |
  C.
    |
Colored Water
    |
Glass Bottle
```

The working of the instrument is based on the fact that
A. air expands on heating and contracts when cooled
B. air exerts pressure
C. matter occupies space
D. liquids occupy space and contract on cooling

27. Non-green plants which live on other dead plants are called
A. Saprophytes     B. Parasitic plants
C. Climbers        D. Mushrooms

28. Adhiambó placed her hands above a burning jiko. Heat reached her hands by
A. conduction
B. both radiation and convection
C. radiation
D. convection

29. The setup below represents an experiment done by std 4 pupils to investigate components of soil.

```
  Glass Jar with water
    |
Bubbles
    |
Glass with soil
```

The pupils concluded that
A. Air has soil     B. Water has air
C. Soil has air     D. Soil has water

30. The following are methods of grazing. In which method does the farmer use moveable fences?
A. Strip grazing    B. Stall feeding
C. Tethering       D. Paddocking

31. The diagram below represents a type of soil erosion known as

```
  Sloppy Land
    |
  A. Drainy
    |
  B. Rill
    |
  C. Splash
    |
  D. Sheet
```

32. Which drug has the same effect as Khat when abused?
A. Tobacco
B. Mandrax
C. Excessive alcohol
D. Heroin

33. Commercial feeds are also known as concentrates MAINLY because
A. they are given to special breeds of animals
B. they are manufactured in factories
C. they have high nutrients per given amounts
D. they are mainly made from plants and animals

34. Which colour of the rainbow is at the middle?
A. Blue
B. Yellow
C. Green
D. Orange

35. Which of the processes below does NOT need oxygen?
A. Breathing
B. Germination
C. Rusting
D. Photosynthesis

36. One of the following is NOT an effect of noise pollution. Which one is it?
A. Irritation
B. Ear damage
C. Alertness
D. Un easiness

37. Rickets are a deficiency infection. They can be prevented by eating foods rich in
A. iron
B. calcium
C. proteins
D. vitamins

38. Which of the substances below would float on water?
A. A maize cob
B. A ball of plasticine
C. A small stone
D. A ball of metal

39. Which of the materials below are CORRECTLY grouped

<table>
<thead>
<tr>
<th>Insulators</th>
<th>Conductors</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Plastic ruler</td>
<td>rubber</td>
</tr>
<tr>
<td>B. Steel spoon</td>
<td>aluminium plate</td>
</tr>
</tbody>
</table>

SCIENCE - 08/7/15
40. The ability of the soil to allow water to pass through it is described as
   A. capillarity   B. capacity
   C. drainage      D. retention

41. Which of the following is NOT used to store water?
   A. Tanks        B. Bucktes
   C. Dams         D. Pipes

42. Which of the following is NOT a function of the nose as breathing organ?
   A. Exchange of gases    B. purifying the air
   C. warming the air       D. moistening the air

43. When constructing a windsock, the sock CANNOT be made from all the following materials EXCEPT
   A. a metal sheet
   B. a piece of mosquito net
   C. manilla paper
   D. a hard polythene bag

44. Which of the following is NOT LIKELY to occur when temperature is decreased?
   A. expansion       B. condensation
   C. contraction     D. freezing

45. One of the following is NOT a way of caring and supporting people with HIV/AIDS. Which one is it?
   A. Showing them love and care
   B. Giving them adequate food
   C. Separating them from others
   D. Cleaning their houses

46. Std 6 pupils suspended a stone on a spring balance as shown below

Which aspect of the stone were they able to find out?
   A. Its friction   B. Its weight
   C. Its mass       D. Its pressure

47. Which one does NOT make up the circulatory system?
   A. The heart       B. Blood vessels
   C. Blood           D. The lungs

48. A certain disease is characterised by the following:
   (i). blood in the urine and stool
   (ii). fever
   (iii) coughing
   The disease is
   A. Malaria        B. Typhoid
   C. Cholera        D. Bilhazia

49. Which of the following is NOT an effect of pests on crops?
   A. Retarded growth
   B. Low yeilds
   C. Reduced quality of produce
   D. Transmission of disease to crops

50. Which blood vessels are CORRECTLY matched with their function

   clotting of blood    transporting oxygen
   A. Platelets        White blood cells
   B. White blood cells Red blood cells
   C. Red blood cells   Platelets
   D. Platelets        Red blood cells
1. Which of the numbers below is twenty six million, two hundred and six thousand and six?
   A. 26260006
   B. 26206006
   C. 26006206
   D. 26206106

2. A county distributed 5 tonnes of maize to families in a famine-stricken area. Each family received 2.5 kg. How many families were supplied with the maize?
   A. 200
   B. 2000
   C. 20000
   D. 400

3. Work out:
   \[ \frac{5}{7} \div \sqrt{\frac{25}{49}} = \]
   A. \( \frac{5}{7} \)
   B. \( \frac{25}{49} \)
   C. 1
   D. \( \frac{5}{14} \)

4. Three alarms ring at intervals of 8 min, 15 min and 20 min respectively. They ring together at 8.40 a.m. What time had they rang together before?
   A. 6.40 a.m
   B. 10.40 a.m
   C. 6.00 a.m
   D. 10.20 a.m

5. What is the difference between total value of digit 7 and digit 8 in the number 247389?
   A. 7930
   B. 7000
   C. 6920
   D. 1000

6. The diagram below shows an isosceles triangle. Calculate the area of the triangle.

   \[ \text{Area} = \frac{1}{2} \times \text{base} \times \text{height} \]
   \[ \text{base} = 26 \text{ cm} \]
   \[ \text{height} = 26 \text{ cm} \]
   \[ \text{Area} = \frac{1}{2} \times 26 \times 26 \]
   A. 260cm²
   B. 480cm²
   C. 320cm²
   D. 240cm²

7. What is the value of:
   \[ 36 \div 9 + 6 \times 4 + 2? \]

8. The volume of a rectangular box is 280cm³. The base and the height measure 8cm and 5cm respectively. Calculate the width of the box
   A. 7cm
   B. 40cm
   C. 14cm
   D. 12cm

9. What is the number 50,988 rounded off to the nearest hundredths?
   A. 50.99
   B. 51.00
   C. 50.98
   D. 50.09

10. What is the square of the value of \( x \) in the magic square below?

   \[ \begin{array}{ccc}
   x & 1 & 6 \\
   3 & 5 & 4 \\
   \end{array} \]

   A. 8
   B. 64
   C. 32
   D. 16

11. What is the total value of digit 5 in the product of 436 and 123?
   A. Ten of thousands
   B. Fifty thousand
   C. 5000
   D. Five thousand

12. A trader bought 3 trays of eggs for sh 720. On his way, ten eggs broke. How much could he sell each of the remaining eggs in order to make a 10% profit?
   A. sh 8.00
   B. sh 8.80
   C. sh 9.90
   D. sh 10.20

13. In the figure below, the measurements are in cm. Calculate the perimeter of the figure

   \[ \text{Perimeter} = 2(x+6) + (x+16) + 7x+3 \]

   A. 86cm
   B. 51cm
   C. 620cm
   D. 102cm

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14. What is the smallest number that is divisible by 30, 45, and 60 with out a remainder?
   A. 180       B. 540
   C. 15        D. 120

15. Which is the correct order of writing the fractions $\frac{1}{6}$, $\frac{2}{9}$, $\frac{1}{2}$ and $\frac{2}{3}$ in descending order?
   A. $\frac{1}{6}$, $\frac{2}{9}$, $\frac{1}{2}$, $\frac{2}{3}$
   B. $\frac{2}{3}$, $\frac{2}{9}$, $\frac{1}{2}$, $\frac{1}{6}$
   C. $\frac{2}{3}$, $\frac{1}{2}$, $\frac{2}{9}$, $\frac{1}{6}$
   D. $\frac{1}{6}$, $\frac{2}{9}$, $\frac{1}{2}$, $\frac{2}{3}$

16. Increase 400 by 40%  
   A. 560       B. 160
   C. 720       D. 640

17. What is the square of $2 \frac{7}{9}$?  
   A. $8\frac{4}{9}$    B. $7\frac{58}{91}$
   C. $2\frac{7}{9}$    D. $1\frac{2}{3}$

18. A wheel whose radius is 14 cm was rotated 100 times. What distance did it cover in meters?  
   (Take $\pi = \frac{22}{7}$)
   A. 880m       B. 44m
   C. 0.44m      D. 88m

19. A carpet measuring 20m by 18m was laid on the floor of a hall leaving a uniform margin of 2m all around. What is the area of the floor that was not covered by the carpet?

20. Which of the numbers below has the smallest value?
   A. 202022       B. 220220
   C. 202220       D. 220022

21. Work out:
   $\frac{3}{7} \times \frac{1}{8} + \frac{2}{3} =$
   A. $\frac{3}{7}$    B. $\frac{1}{8}$
   C. $\frac{1}{4}$    D. $\frac{3}{8}$

22. A class has 40 pupils. Each pupil is given 3 decilitres of juice each day. How many litres of juice did the pupils take in the month of February 2014 given that the pupils are in a boarding school?

A. 3.30pm       B. 3.30pm
   C. 2.20pm      D. 2.40pm

23. In the figure below, line WX is parallel to YZ. What is the size of the angle marked X in the figure?

24. What is the next number in the pattern?  
   5, 13, 25, 41, 61, ?
   A. 85       B. 89
   C. 87       D. 91

25. Add 38921 and 43627 then round off your answer to the nearest thousand
   A. 82548       B. 83000
   C. 90000       D. 82000

26. Calculate the distance round the figure below  
   (Take $\pi = \frac{22}{7}$)

A. 150cm       B. 228cm
   C. 172cm      D. 144cm

27. Solve for x in the equation:
   $3x - 2(x + 1) = 4$
   A. 2       B. 6
   C. 4       D. 3

28. A motorist started a journey at 10.25 a.m. and took 4 hours 55 minutes to complete the journey. At what time in the 12 hour clock system did he reach the destination?
   A. 3.20pm     B. 3.30pm
   C. 2.20pm     D. 2.40pm
29. What is the difference between the square of 24 and the square root of 256?
   A. 320   B. 560
   C. 592   D. 40

30. Wambui bought the following items:
    - 2kg of cooking fat @ sh 140
    - 2 loaves of bread @ sh 50
    - 2 kg of unga for sh 108
    - 1/2 kg of tea leaves for sh 120
   What balance did she receive from a sh 1000 note?
   A. sh 392   B. sh 452
   C. sh 608   D. sh 248

31. Construct triangle BCD such that BC = 6cm, CD = 7.5cm while angle DBC = 55°. What is the size of angle BCD?
   A. 44°   B. 42°
   C. 83°   D. 88°

32. Simplify:
    5(2x+4)-4(2x+6)
   A. 18x-4   B. 2x-4
   C. 18x+44   D. 2x+44

33. Juma had the following amount of money in his saving box

<table>
<thead>
<tr>
<th>Value of note or coins</th>
<th>5</th>
<th>10</th>
<th>20</th>
<th>40</th>
<th>100</th>
<th>200</th>
<th>500</th>
<th>1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of note or coins</td>
<td>20</td>
<td>20</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>6</td>
<td>9</td>
<td>5</td>
</tr>
</tbody>
</table>

He changed all the money into sh 100 notes. How many notes did he get?
   A. 11800   B. 118
   C. 1180   D. 11.8

34. Adongo spent 1/4 of her salary on rent, 1/4 on food, and 1/4 of the remainder on school fees and saved the rest. What fraction of her salary did he save?
   A. 1/3   B. 2/3
   C. 5/12   D. 1/12

35. The graph below shows the number of kilogram of sugar sold by a shopkeeper in six days. Use it to answer questions 35

What was the average sale in the week?
   A. 48kg   B. 40kg
   C. 240kg   D. 52kg

36. 1 cm represents 3km can also be written as 1 cm rep

<table>
<thead>
<tr>
<th>cm.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. 3000</td>
</tr>
<tr>
<td>C. 300000</td>
</tr>
</tbody>
</table>

37. A farmer harvested 960 bags of potatoes in the year 2014. If this was 20% more than what the farmer had harvested in the 2013, how many bags of potatoes had the farmer harvested in 2013?
   A. 720   B. 1080
   C. 1200   D. 800

38. Work out:

<table>
<thead>
<tr>
<th>T</th>
<th>Kg</th>
<th>g</th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
<td>144</td>
<td>300</td>
</tr>
<tr>
<td>x</td>
<td></td>
<td>9</td>
</tr>
</tbody>
</table>

   A. 163t 296kg 700g
   B. 162t 129kg 2700g
   C. 163t 298kg 700g
   D. 163t 323kg 00g

39. Work out:

   \[(7.6-5.4)^2 = \]
   A. 28.6   B. 4.84
   C. 2.2   D. 48.4
40. The table below shows the number of newspapers sold by a vendor in five days

<table>
<thead>
<tr>
<th></th>
<th>MON</th>
<th>TUE</th>
<th>WED</th>
<th>THUR</th>
<th>FRI</th>
</tr>
</thead>
<tbody>
<tr>
<td>No of Newspapers</td>
<td>98</td>
<td>___</td>
<td>110</td>
<td>156</td>
<td>87</td>
</tr>
</tbody>
</table>

If the total number of newspapers sold was 600 copies, how many copies were sold on Tuesday?
A. 391  B. 209  C. 149  D. 140

41. A square plot of land has an area of 9 ha. What is twice the perimeter of the land in meters?
A. 2400  B. 1200  C. 300  D. 1600

42. Round off 96427 to the nearest 100
A. 96500  B. 97000  C. 96000  D. 96400

43. Multiply:

\[2.8 \times 13.9 =\]
A. 389.2  B. 38.92  C. 3.892  D. 39.82

44. What is the reciprocal of \(10^{1/4}\)?
A. \(4^{1/4}\)  B. \(4^{0/4}\)  C. \(14^{1/4}\)  D. \(4^{3/4}\)

45. What is sum of the supplement of 55° and the complement of 60°?
A. 135°  B. 155°  C. 115°  D. 145°

46. Find the value of:

\[0.36 \times 4.05\]
A. 0.2  B. 2  C. 200  D. 20

47. What is the number 84168 + 21?
A. 4080  B. 40008  C. 4008  D. 408

48. A matatu left Naivasha for Eldoret at 11.00 a.m. The distance between Naivasha and Eldoret is 216km. What was the average speed of the Matatu if it reached Eldoret at 2.00pm?
A. 72km/h  B. 108km/h  C. 80km/h  D. 54km/h

49. Calculate the area of the shaded part in the figure below

A. 140cm²  B. 24cm²  C. 56cm²  D. 70cm²

50. What is the place value of digit 4 in the number 3419675?
A. Hundreds of thousands  B. Millions  C. Tens of thousands  D. Tens of millions
Read the following broken passage carefully. For each blank space numbered 1-15, choose the best alternative from the choices given.

Growing up, our parents had _1_ and _2_ love for us was measured _3_ performance. _4_ as children we don’t choose which families we are born _5_ or which name we are given. We do not determine our _6_ or skin colour, _7_ we are _8_ punished for that.

As a result, rejection _9_ in when one is unable to measure _10_ the yardstick. Some fight this _11_ coiling in and being _12_ while others are _13_ loud in order to _14_ attention with the hope of being _15_

1. A. measures B. classes C. standards D. levels
2. A. their B. there C. they’re D. theirs
3. A. at B. with C. to D. through
4. A. Also B. Yet C. While D. And
5. A. by B. into C. to D. at
6. A. gender B. sex C. feminism D. gender
7. A. so B. and C. but D. or
8. A. sometime B. sometimes C. some time D. all the time
9. A. crept B. creaps C. crip D. creeps
10. A. as B. to C. up D. up to
11. A. at B. with C. by D. on
12. A. quiet B. silence C. rowdy D. noisy
13. A. so B. very C. as D. to
14. A. display B. show C. paint D. draw
15. A. acceptable B. agreed C. accepted D. exempted
For questions 16-17 choose the alternative that best completes the sentence.

16. Do not mistake that man ______ a thief.
   A. by B. at C. with D. for

17. The deputy president spoke ______ behalf of the president.
   A. with B. for C. on D. in

Add the correct question tag in question 18-19

18. That doctor rarely recommends injections, ______?
   A. doesn’t he B. does he C. isnt it D. should he

19. I was at the meeting, ______?
   A. wasn’t I B. isn’t C. was I D. weren’t I

Choose the word that means the opposite of the underlined word

20. The departure of the team was delayed for one hour.
   A. travelling B. take off C. reaching D. arrival

21. The indolent pupil was warned by the headteacher.

A. truant B. rude C. insolent D. industrious

Complete question 22-23 with the best choice.

22. The parliamentary committee promised to ______ the corruption allegation.
   A. leak into B. look in C. look kup to D. look on

23. There was no water to ______ the raging inferno.
   A. put off B. put out C. put up D. put down

Choose the best choice to complete question 24-25

24. Those workers wear ______ jackets.
   A. woolen, green, new B. new, green, woollen C. green, new, woollen D. new, woollen, green

25. Our milkman likes that ________ bucket.
   A. round, big, metallic B. metallic, round, big C. big, metallic, round D. big, round, metallic

Read the following passage carefully and answer questions 26-37.

The healthcare system has had an exclusive grip on all patients care decisions for far too long at the expense of consumer’s rights. Doctors routinely communicate life-changing diagnoses like cancer or diabetes with an emotionless finality. Plans of care, treatment options or the possibility of a second medical opinion are hardly discussed.

The time for healthcare consumers to step up and demand what they deserve is now. If surgery is planned or medications are prescribed, patients should know how, when and why. If the tests are ordered, the results should likewise be discussed and availed to the patient.

Most people are hesitant to get second medical opinion. The fear appearing to doubt the skills, knowledge or ability of their doctors. Others worry that their actions will upset their doctors and portray them as ungrateful and difficult. These fears are not misplaced. Our healthcare system has its share of insecure professionals with fragile egos and deep vulnerabilities. Raw greed abounds with clinicians claiming ‘ownership’ over their patients. This has been the key driver in the surge of patients being sent ‘overseas’ for basic tests or treatments. The cold intimidating clinical environment means many patients are put on the next flight to Turkey, India or South Africa without ever getting the opportunity to ask if the tests or treatment they are going for are available locally.
According to the first paragraph, who is overall in care decision?
A. Doctors
B. Patients
C. Healthcare systems
D. Diagnoses

Emotionless finality as used in the passage means
A. the doctor’s word is taken as gospel truth
B. cancer and diabetes are fatal diseases
C. doctor’s advise patients to seek a second test
D. patients seek other options of treatment

According to the writer
A. Healthcare consumers must improve their services
B. Surgery is not necessary in treatment
C. Patients should follow doctor’s prescription.
D. The patient has right to information.

The opposite of hesitant is
A. slow
B. quick
C. fearful
D. doubtful

Most patients
A. do not want to disappoint their doctors
B. doubt their doctors skills
C. are ungrateful and difficult
D. seek second medical opinion

Why do clinicians claim ownership?
A. Their fragile ego
B. Insecure professionals
C. Misplaced fears
D. Their greed

It is clear that
A. our doctors are not qualified

B. patients prefer treatment outside Kenya
C. most cases referred abroad are not necessary
D. we do not have adequate medical facilities

Replace the word overseas without changing the meaning
A. developed countries
B. foreign countries
C. abroad
D. Europe

To put in the next flight implies
A. hastily done
B. rushed to the airport
C. urgently required
D. hurriedly treated

What does the writer refer to as cold intimidating?
A. Hospitals in Kenya
B. Some overseas countries
C. The nature of the disease
D. The doctor’s opinion

Basic tests refer to
A. urgent tests
B. most important tests
C. complicated tests
D. several tests

Why don’t patients get an opportunity for consultation?
A. They are in critical condition
B. They are made to believe the tests are urgent
C. They prefer Indian, Turkey hospital
D. It is an opportunity to visit other countries

Suggest a suitable title for the passage
A. Curing cancer and diabetes
B. Our healthcare providers
C. Seeking second opinion on treatment
D. Our poor doctors

---

Read the passage below carefully and answer questions 38-50.

I crouched beside Mario. His panting breath came in short snorts. I spread out Mario’s duvet and rolled it. I left him on his back, head up.

I stood in front of his legs and pulled on the duvet. He bumped forward and groaned and winced. I dug my crutch into the ground, took another big stride of a step and pulled him after me. After about a dozen minutes, I stopped to wipe the dripping perspiration from my brow. I fingered the piece of dirt under my eye. Not even sweat could wash it off.

I went back and resumed my work, but hardly an hour later, we had barely made a hundred meters. I had to pull Mario all the way back to lhwa. I sat down next to Mario. His chest rose up and down and I was relieved he was still...
Deep forest shadows covered us as the sun moved to the western horizon. Soon, the earth would be engulfed in total darkness.

“Oh Lord,” I prayed. “Help Mario to breathe. And please Lord send and lead someone to come to our rescue as we are in dire need of assistance.

39. Mario is likely to have
   A. taken a race B. been unwell
   C. been very much okay D. been dead

40. Groaning and wincing indicates
   A. tiredness B. contentment
   C. anger D. pain

41. A dozen means twelve. What does a score mean?
   A. 30 B. 100
   C. 50 D. 20

42. Why was the writer sweating?
   A. He must have been tired
   B. It was a hot morning
   C. He was unwell
   D. He was frightened

43. The word brow can be replaced by the word
   A. body B. face
   C. forehead D. armpit

44. When had the two barely made a hundred meters?
   A. After one hour
   B. Not an hour later
   C. Soon after an hour
   D. When he sat next to Mario

45. Mario’s chest rose up and down. We can also say that it
   A. Caled nad expanded

B. contracted and dilated
C. became smaller and smaller
D. became bigger and bigger

46. At what time was this incident taking place?
   A. Early morning
   B. Early afternoon
   C. Late in the afternoon
   D. Late in the evening

47. What would make darkness cover the earth?
   A. They were going deep into the forest
   B. The deep forest shadows
   C. The canopy of the trees
   D. The sun would sink into the horizon

48. “In dire need of your help” shows the writer was
   A. remorseful B. desperate
   C. regretful D. prayerful

49. The opposite of the word rescue is
   A. save B. capture
   C. detain D. hold

50. Suggest a suitable title for this passage
   A. Prayer moves mountains
   B. Freed at last
   C. Mario’s bad day
   D. Adventure in the forest
Umepewa mwisho wa insha. Iandike kwa kutumia maneno yako mwenyewe na ufanyi iwe ya kufurahisha uwezavyo.

............................ sote tulirejea mastakimuni huku kila mmoja akitaafakari kuhusu usalama kitongojini mwetu.
Below is an ending of a story. Write it in your own words and make it as interesting as possible.

.................. It was such a narrow escape. We all jumped out of the bus with clear signs of shock in our faces.
### STEGA SERIES - STD 7
### MARKING SCHEME 2015

<table>
<thead>
<tr>
<th>ENGLISH</th>
<th>KISWAHILI</th>
<th>MATHS</th>
<th>SCIENCE</th>
<th>SOCIAL STUDIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>12. A</td>
<td>42. A</td>
<td>12. C</td>
<td>42. B</td>
<td>12. B</td>
</tr>
</tbody>
</table>

### A COMPOSITION MARKING SCHEME

#### MARKING CRITERION

1. The composition will be assessed according to the following guidelines.
   - The maximum mark will be 40 and the minimum (mark 01)
   - Does the script show that the candidate can communicate accurately, fluently and imaginatively in English?

**Accuracy** (8 marks)
   a) Correct tenses and agreement of verbs (4 marks)
   b) Accurate use of vocabulary (4 marks)
   c) Following a sequence (4 marks)
   d) Correct punctuation (4 marks)

**Fluency** (8 marks)
   a) Words in the correct order (4 marks)
   b) Sentence connection and paragraphs (4 marks)
   c) Correct spelling (4 marks)
   d) Ideas developed in logical sequence (4 marks)

**Imagination** (8 marks)
   a) Unusual but appropriate use of words and phrases (4 marks)
   b) Variety of structure (4 marks)

**NB:** Please, teachers are requested to scrutinize this marking scheme before use, it is worth

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S/SERIES 06 MARKING SCHEME 2015