KCPE TRIAL EXAMINATION

STANDARD 7 – 2016

HIGH FLYER SERIES 001

SCIENCE

Time:.1 Hour 40 minutes

READ THESE INSTRUCTIONS CAREFULLY

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

2. Do any necessary rough work in this booklet.

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

HOW TO USE THE ANSWER SHEET •

4. Use an ordinary pencil only.

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

YOUR INDEX NUMBER

YOUR NAME

NAME OF YOUR SCHOOL

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

7. Do not make any marks outsides the boxes.

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

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

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

EXAMPLE

In the Question Booklet:

4. The following are functions of plant roots. Which one is NOT?
   - A. Absorbing water.
   - B. Making plant food.
   - B. Holding the plant.
   - D. Storage of food.

The correct answer is **B**

On the answer sheet:

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

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

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

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

TURN OVER

1. Which statement below is not true about the human teeth?
   A. Shedding of teeth starts at the age six months
   B. The total number of milk teeth is twenty.
   C. The premolars and the molars do the same function
   D. The chisel shaped teeth are used for cutting food

2. The following are characteristics of a certain blood vessel in the human body.
   i.   Carry deoxygenated blood.
   ii. Has a pulse
   iii. Has a thick wall
   The blood vessel described above is
   A. Vena cava
   B. Pulmonary vein
   C. Aorta
   D. Pulmonary artery

3. Absorption of digested food occurs in the
   A. Colon   B. Ileum
   C. Rectum   D. Stomach

4. The final stage of HIV and AIDS infection is known as
   A. Window
   B. Full blown
   C. Symptomatic
   D. Incubation

5. Which one has only illegal drugs in Kenya?
   A. Mandrax, khat, bhang
   B. Alcohol, khat, tobacco
   C. Cocaine, bhang, heroine
   D. Khat, heroine, bhang

6. Which vaccine is given to a baby to prevent a disease that causes paralysis of the legs?
   A. Oral polio
   B. DPT
   C. BCG
   D. Anti measles

7. Standard seven pupils were asked by their science teacher to list examples of cereal crops. Which one of the following was NOT correct?
   A. Millet
   B. Maize
   C. Green grams
   D. Sorghum

8. The diagram below shows a weed seen in Mr. Kamau's farm.
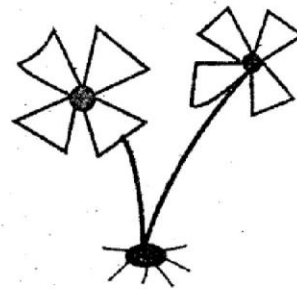
   The correct name of the weed is
   A. Black jack
   B. Wandering jew
   C. Oxalis
   D. Datura

9. Which plant below reproduces by means of spores and makes its own food?
   A. Fern
   B. Mushroom
   C. Toadstool
   D. Algae

10. Which one consists of the pistil parts of a flower?
    A. Ovary and anthers
    B. Style and filament
    C. Anthers and filament
    D. Stigma and ovary

11. Which statement is not true about all animals?
    A. They feed
    B. They give birth
    C. They move
    D. They excrete

12. Which animal products are not matched with the farm animal?

	Cattle	Sheep	Goat
A.	Milk	Wool	Milk
B.	Beef	Mutton	Milk
C.	Beef	Milk	Mutton
D.	Milk	Mutton	Mutton

13. Which list below has small animals that share same characteristics?
    A. Housefly, cockroach, termite
    B. Mite, crab, mosquito
    C. Millipede, centipede, earthworm
    D. Spider, cockroach, mite

14. The diagram below shows a type of cloud standard four pupils observed in the sky.

Which statement about the cloud shown is not correct?
    A. Are a sign of fine weather
    B. They resemble cotton wool
    C. Are dark grey in colour
    D. Are formed high in the sky

15. Which weather instrument below works on the fact that matter expands on heating?
    A. Windsock
    B. Air thermometer
    C. Rain gauge
    D. Wind sock

16. When modeling the solar system, which planets are placed in the third and seventh positions from the sun respectively?
    A. Uranus and Earth
    B. Mars and Uranus
    C. Earth and Neptune
    D. Earth and Uranus

17. Which one of the following is not a recreational use of water?
    A. Boat racing
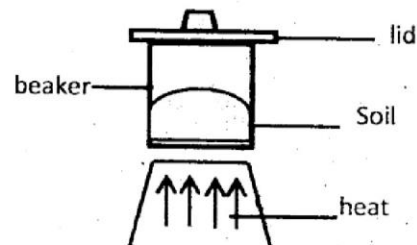   B. Swimming
    C. Irrigation
    D. Surfing

18. Water in a river cannot be polluted by
    A. Chemical fertilizers
    B. Tobacco smoking
    C. Floods
    D. Oil spillage

19. The following are examples of diseases spread by contaminated water. Which one is not?
    A. Typhoid
    B. Cholera
    C. Malaria
    D. Bilharzia

20. The diagram below shows an investigation carried out by standard four pupils.

From the diagram the pupils concluded that soil has
    A. Humus
    B. Air
    C. Mineral particles
    D. Water

21. The type of soil collected on the river bank is
   A. Clay
    B. Loam
    C. Sand
    D. Loam and clay

22. The rate of water passing through different soils is influenced by
    A. Amount of humus in the soil
    B. Colour of the soil
    C. Amount of air in the soil
    D. Size of soil particles

23. Which one is composed of biotic components of the environment?
    A. Animals, soil, plants
    B. Plants, animals
    C. Soil, air, water
    D. Plants, air, water

24. Which diagram below has only foods that make our bodies to grow?

A. Carrot Cabbage Kales
B. Meat Milk Eggs
C. Bread Rice Spinach
D. Fish Rice Kales
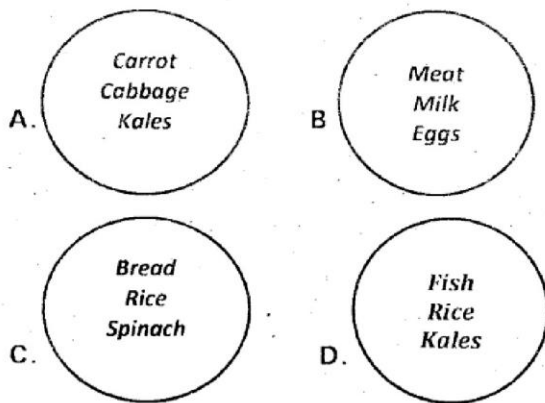
25. Which deficiency disease below is caused by inadequate food?
    A. Marasmus
    B. Kwashiorkor
    C. Anaemia
    D. Rickets
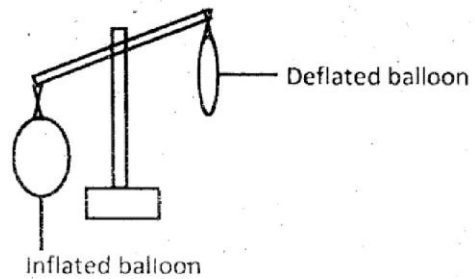
26. Which statement below does not explain why we should light the house?
    A. Keep away pests
    B. Warm the house
    C. Prevent accidents
    D. See clearly

27. Heat from the sun reaches us by a process called
    A. Convection   B. Reflection
    C. Conduction   D. Radiation

28. Standard five pupils carried out the activity shown below

Deflated balloon

Inflated balloon

What conclusion did the pupils make?
    A. Air has weight
    B. Air occupies space
    C. Air exerts pressure
    D. Air has no definite volume

29. Which factor below does not affect sinking and floating?
    A. Shape
    B. Material
    C. Weight
    D. Size

30. The component of air that occupies 0.03% of air by volume is not used in
    A. Making plant food
    B. Putting out fire
    C. Making proteins
    D. Preserving food

31. Force is measured in
    A. Kilograms
    B. Newtons
    C. Cubic metres
    D. Grams

32. Which statement is correct when balancing objects on a see saw?
    A. The heavier object should be near the pivot
    B. The lighter objects should be on the pivot
    C. The pivot should be near the lighter object
    D. The pivot should be far from the heavier object

33. Which one of the following simple tool is used in gathering rubbish on the farm?
   A. Mattock
   B. Fork jembe
   C. Rake
   D. Shovel

34. The part of the human body that prevents food from entering the trachea is
   A. Bronchus
   B. Bronchioles
   C. Wind pipe
   D. Epiglottis

35. Which of the following parts of the female reproductive system allows the process of fertilization?
   A. Oviduct
   B. Uterus
   C. Cervix
   D. Ovary

36. Which practice below should not be done to people suffering from HIV and AIDS?
   A. They should be loved
   B. Be given medical help
   C. Be sympathized with
   D. Be given nutritional support

37. Medicinal drugs used to treat known disease are called
   A. Vaccines
   B. Antibiotics
   C. Pain killers
   D. Hallucinogens

38. Which one is not a characteristic of a wind pollinated flower?
   A. Large in size
   B. Produce light pollen grains
   C. Have no scent
   D. Dull in colour

39. Standard seven pupils saw the following animals in a game park: snakes, grasshoppers, hawks and frogs. Which animal did they classify as a tertiary consumer?
   A. Grasshopper
   B. Frogs
   C. Snakes
   D. Hawks

40. Which one of the following is a rich source of proteins to farm animals?
   A. Kikuyu grass
   B. Lucerne
   C. Sun flower seeds
   D. Napier grass

41. Name the phase of the moon shown in the diagram below
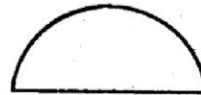
   A. Gibbous moon
   B. Crescent moon
   C. New moon
   D. Quarter moon

42. The following weather instruments are NOT found in a Stevenson's screen except _____
   A. Windsock
   B. Rain gauge
   C. Air thermometer
   D. Wind vane

43. Which one is obtained from a sheep and a goat?
   A. Wool
   B. Mutton
   C. Mohair
   D. Milk

44. The best method of storing drinking water is by using
   A. Earth dams
   B. Tanks
   C. Reservoirs
   D. Pots

45. Which one is not a component of the soil?
   A. Plants
   B. Organic matter
   C. Mineral particles
   D. Air

46. Which method of food preservation dehydrates micro organisms?
   A. Drying
   B. Salting
   C. Canning
   D. Smoking

47. In the diagram below which letter represents condensation?
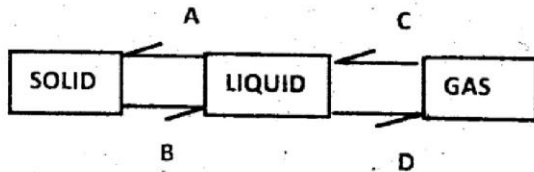
48. Which statement below describes volume of a sound?
   A. High and low sound
   B. Reflected sound
   C. Loud and soft sound
   D. High and loud sound

49. Which pair below has only insulators?
   A. Rubber and wood
   B. Clay and iron
   C. Steel and aluminum
   D. Silver and wood

50. Which one of these is a translucent material?
   A. Milk
   B. Window pane
   C. Oiled paper
   D. Clear water

JARIBIO LA MTIHANI WA KCPE

DARASA LA SABA – 2016

LUGHA YA KISWAHILI

Muda: Saa 1 dakika 40

SOMA KWA MAKINI MAAGIZO YAFUATAYO

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

JINSI YA KUTUMIA KARATASI YA MAJIBU

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

NAMBA YAKO YA MTIHANI

JINA LAKO

JINA LA SHULE YAKO

6. Kwa kuchora kistari katika visanduku vyenye namba zinazokuhusu, onyesha namba yako kamili ya mtihani (yaani namba ya shule na zile namba tatu za mtahiniwa) katika sehemu iliyotengwa mwanzo wa karatasi ya majibu.

7. Usitie alama zozote nje ya visanduku.

8. Iweke safi karatasi yako ya majibu.

9. Kwa kila swali 1 – 50 umepewa majibu manne. Majibu hayo yameonyeshwa kwa herufi A, B, C, D. Ni jibu **MOJA** tu kati ya hayo manne ambayo ni sahihi. Chagua jibu hilo.

10. Kwenye karatasi ya majibu, jibu sahihi lionyeshwe kwa kuchora kistari katika kisanduku chenye herufi uliyochagua kuwa ndilo jibu.

MFANO

Katika kijitabu cha maswali:
21. Ni sentensi ipi inayoonyesha ki ya wakati.
    A. Tukienda tutawapata.
    B. Kila mtu asimame.
    C. Walikalia kiti kizuri.
    D. Walikipenda kiazi.

Katika karatasi ya majibu

1 [A] [B] [C] [D] **11** [A] [B] [C] [D] **21** [B] [C] [D] **31** [A] [B] [C] [D] **41** [A] [B] [C] [D]

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

11. Chora kistari chako vizuri. Kistari chako kiwe cheusi na kisikizid~~~~~~~~isanduku.

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

Soma kifungu kifuatacho, kina nafasi 1-15 kwa kila nafasi umepewa majibu manne. Chagua jibu lililo sahihi

Urafiki kati ya simba na mbuzi ulianza __1__ za kale kabla __2__ haujapata uvumbuzi __3__ wa teknolojia mpya. Kila siku wanyama hao walienda __4__ pamoja ili kupata chakula cha kukimu familia zao. Waliwaacha wanao nyumbani wakicheza __5__ furaha na bashasha. Siku __6__ uhasama __7__ simba na mbuzi ulianza __8__ ya shibli __9__ mwanambuzi wakicheza. Ilikuwa bahati mbaya __10__ , hata hivyo tukio hilo liliwatenganisha simba na mbuzi kama ardhi na __11__ . Mpaka leo __12__ katika chungu kimoja. Mbuzi akimwona simba huchana __13__ naye simba __14__ ili kupata mlo. Haya yote yalisababishwa na __15__ uliozuka kati ya mbuzi na simba baada ya kifo cha mwanafunzi.

1. A. kale   B. samani   C. karibu   D. zamani
2. A. ulimwengu   B. ardhi   C. dunia   D. nchi
3. A. yoyote   B. lolote   C. wowote   D. yeyote
4. A. usasini   B. uzazini   C. ucheshini   D. kucheza
5. A. na   B. mwa   C. kwa   D. vya
6. A. mmoja   B. moja   C. monja   D. kimoja
7. A. dhidi ya   B. pasi ya   C. kabla ya   D. mighairi ya
8. A. kabla   B. baada   C. karibu   D. sababu
9. A. kumwuwa   B. kuuawa   C. kumwua   D. kuuwa
10. A. tu   B. ila   C. juu   D. labda
11. A. ghorofa   B. mbingu   C. mtu   D. dunia
12. A. hawaliki   B. hawakai   C. hawaingii   D. hawapikiki
13. A. mbuga   B. mboga   C. mbio   D. nywele
14. A. humtorokea   B. humkimbisha   C. humkimbia   D. humkimbiza
15. A. utangamano   B. ugomvi   C. urafiki   D. umoja

Kutoka swali la 16 mpaka 30 chagua jibu lililo sahihi

16. Chagua sentensi sahihi kisarufi
    A. Babu amenunua koti nyingine nyeupe
    B. Babu amenunua koti lingine leupe
    C. Babu amenunua koti mwingine mweupe
    D. Babu amenunua koti jingine jeupe

17. Chagua wingi wa sentensi hii.
    Ua limeanguka juu ya ua wa shule
    A. Maua yameanguka juu ya maua ya mashule
    B. Nyua zimeanguka juu ya maua ya shule
    C. Maua yameanguka juu ya nyua za shule
    D. Nyua zimeanguka juu ya nyua za shule

18. Mfupa unaoshikilia ufizi huitwa ___ .
    A. Mtulinga   B. Utaya
    C. Kaakaa   D. Uchango

19. Mtoto wa umbu huitwa
    A. Mkoi   B. Binamu
    C. Ndugu   D. Mpwa

20. Chagua kiwakilishi katika sentensi ifuatayo
    Yeye aliimba hadi tukaondoka
    A. Tukaondoka   B. yeye
    C. Aliimba   D. hadi

21. Chagua kihusishi katika sentensi
    Mti huo ulianguka kando ya barabara
    A. Kando ya
    B. Mti huo
    C. Barabara
    D. Ulianguka

22. Maji, mate, mafuta, mazingira ni nomino za ngeli gani?
    A. A- WA   B. KU- KU
    C. I -ZI   D. YA -YA

23. Jibu la kitendawili: Afahamu kuchora lakini hajui achoracho ni ___ ?
    A. Mchoraji   B. konokono
    C. kobe   D. tarakilishi

24. Nomino kutokana na kitendo tulia ni
    A. Tuliza   B. Tulizwa
    C. Utulivu   D. Watuliza

001/ Darasa 7   2

25. Kanusha sentensi: Kuimba kwao
    kunapendeza
    A. Kuimba kwao hakupendezi
    B. Kutoimba kwao hakupendezi
    C. Kuimba kwao hakukupendeza
    D. Kutoimba kwao kunapendeza

26. Chagua maneno ambayo ni vihisishi
    pekee
    A. ala, hewala, huree,salaale
    B. ingawa, hewala,lakini, sembuse
    C. hivyo, hao,simile, wee
    D. kando ya , karibu na, seuze, salaale

27. Tunasema tulia kama maji mtungini
    vilevile tunasema chipuka kama___
    A. mwanariadha
    B. ngano

C. uyoga
D. punje za mtama

28. Funda ni kwa maji, tano ni kwa
    A. Pesa   B. Funguo
    C. Chokaa   D. Kuni

29. Sentensi "asingefika mapema
    asingempata" inamaaanisha?
    A. Alifika mapema lakini hakumpata
    B. Alifika mapema isipokuwa
       hakumpata
    C. Alichelewa ingawa alimpata
    D. Alifika mapema kwa hivyo alimpata

30. Kisawe cha nyanya ni___
    A. ajuza   B. shaibu
    C. bibi   D. biringanya

Soma ufahamu ufuatao kisha ujibu swali la 31 hadi 40

Mtihani wa darasa la nane wa kitaifa ulikuwa unakaribia. Sherehe za maombi zilikuwa zishafanywa na kilichosalia kilikuwa ni kukabili mtihani wenyewe. Wanafunzi wa shule yetu ya Nasubi walikuwa wamepikwa wakapikika kwa ajili ya mtihani huo. Mwalimu mkuu Bi.Safina alikuwa na hakika kama **mauti** kuwa matokeo ya wanafunzi hao yangekuwa ya kufana.
Shule yetu ya Nasubi ilikuwa ni shule ya kijijini tu lakini iliyokuwa na umaarufu mwingi kutokana na matokee katika mtihani wa kitaifa.Kando na matokeo mazuri ya mtihani, shule hii pia iling'aa na kung'ara kama nyota michezoni. Katika tamasha za muziki tulishiriki kila mwaka mpaka kiwango cha kitaifa. Katika riadha hali ilikuwa ile ile. Ilikuwa ni shule ya kupigiwa mfano takribani kwa kila jambo zuri.

Hata hivyo, jirani mmoja aliyekuwa karibu na shule hii na ambaye shule ilikuwa ikimrai aiuzie shule shamba lake ili ipanue eneo lake kwa sababu ya idadi kubwa ya wanafunzi lakini akawa amekataa katakata alisikika akisema kuwa siku moja wangejua kuwa yeye ni nani.

Mwalimu mkuu wetu alikuwa amesikia hilo lakini akawa anashangaa ni kitu gani ambacho Bwana Makochi, yule jirani angekifanya. "Hawezi kufanya jambo baya. Tena serikali ipo," mwalimu mkuu alisikika akisema. Haikujulikana ni jambo lipi ambalo jirani huyo angelifanya. Walimu walingoja kuona. Tena kwa yile tahadhari huja kabla ya hatari, mwalimu mkuu alikuwa amewasilisha madai ya Bwana Makochi kwenye kituo cha polisi ili awe mshukiwa wa kwanza kwa jambo lolote baya shuleni. Ahadi ya Bwana Makochi ilionekana kukosa uzito baada ya miaka mitatu kuisha huku jambo lolote likiwa halijafanyika. Hata walimu walisahau.

Maajabu sasa yalitokea kwenye usiku wa kuamkia siku ya mtihani wa kitaifa. Saa tisa usiku, wanafunzi wote waliotarajiwa kufanya mtihani walianza kubweka kama mbwa kwenye mabweni yao. Ilikuwa ni shule ya bweni kwa wanafunzi wa darasa la nane tu ili kuokoa muda wa kusoma. Walipoanza kubweka wakatoka nje ya mabweni na kuanza kukimbia shuleni wakipiga kelele za ajabu. Walinzi wa shule walikuwa wamestaajabu sana wakashindwa la kufanya. Mwalimu aliyesimamia idara ya bweni Bi. Roda naye alipoona jambo hilo alishindwa kujizuia akalia. Maji yakawa yamezidi unga.

Siku hiyo mwalimu mkuu hakulala shuleni. Alipigiwa simu na jirani mmoja aliyemwambia masaibu ya wanafunzi waliokuwa wamepagawa. Ilisemekana kuwa mapepo yalikuwa yakiwasumbua. Kila mmoja alisikika akiongea peke yake.

Ilifika saa mbili asubuhi huku hali ya taharuki ikiwa bado imetanda shuleni. Habari za tukio hilo zilikuwa **zimeenea na kusambaa** kama moto kichakani wakati wa kiangazi. Hata wanahabari wa mashirika mbalimabali walikwisha fika pale na mitambo yao kujaribu kupekua mambo kama ilivyo ada yao. Hakuna mtu aliyeweza na uhakika wa kuelezea yaliyokuwa yakiendelea. Wengine walisema ulikuwa mkurupuko wa ugonjwa mbaya sana.

Mashekhe, Maimamu, Makasisi na hata madaktari mbalimbali walifika pale kujaribu kufanya juhudi za kuwaokoa wanafunzi. Wakati wa mtihani ulikuwa umeanza. Wasimamizi wa mtihani pia walikuwa pale wameshindwa la kufanya.

Bwana Makochi, yule jirani wa shule aliyeahidi kufanya jambo baya shuleni hakuwepo. Hata kwake hakupatikana. Mapepo yalizidii kuwatesa wanafunzi licha ya ganga za wasalihina na waganga. Ghafla bin vuu jambo la ajabu lilitokea. Sauti kubwa iliyotisha kila mtu ilipasua anga na kusema, "Usisahau yaliyosemwa hata kama yalipita. Watoto funguliweni. "Sauti ile ilipokoma, wanafunzi walirejea katika hali zao za kawaida. Lilikuwa ni tukio la ajabu shuleni mwetu.

31. Mwandishi anamaanisha nini anaposema wanafunzi walikuwa wamepikwa wakapikika
    A. wanafunzi walikuwa wamechoka sana
    B. wanafunzi walikuwa wameandaliwa vyema kufanya mtihani
    C. wanafunzi walikuwa na mbinu za kudanganya katika mtihani
    D. wanafunzi hawakuwa tayari kufanya mtihani

32. Neno mauti limetumiwa katika ufahamu, linamaanisha nini.
    A. mvua kubwa   B. maiti
    C. kifo   D. mchana

33. Kulingana na taarifa hii, ni kweli kusema:
    A. Shule ya mwandishi ilikuwa kielelezo
    B. Nasubi ilikuwa shule ya wavulana pekee
    C. Mara nyingi shule ya mwandishi haikufua dafu katika masomo
    D. Mwandishi hakupenda riadha

34. Shule ya bweni ni shule ya aina gani?
    A. Shule inayofanya mtihani wa kitaifa
    B. Shule yenye wavulana na wasichana
    C. Shule ambayo wanafunzi husoma wakirudi nyumbani kwao jioni
    D. Shule ambayo wanafunzi hulala shuleni baada ya masomo ya kila siku.

35. Ni jambo lipi lililomkasirisha bwana Makochi
    A. Shule ilimnyang'anya shamba lake
    B. Shule ilimwomba aiuzie shamba
    C. wanafunzi walimharibia mimea yake
    D. Mwalimu mkuu alimtupia cheche za maneno

36. Masaibu ya wanafunzi waliotarajia kufanya mtihani wa kitaifa yalisababishwa na nani?
    A. Bwana Makochi
    B. Mwalimu mkuu
    C. Hakuna uhakika wa kilichoyasababisha
    D. Mwalimu Roda na walinzi

37. Maneno 'zilienea na kusambaa' yamekolezwa yanamaanisha nini?
    A. ziliadimika   B. zilizagaa
    C. zilikosekana   D. zilipatikana

38. Wanafunzi walioteseka walinusuriwa na
    A. Bwana Makochi
    B. Mashekhe na makasisi
    C. Walimu
    D. Sauti kutoka angani

39. Mtihani uliotarajiwa kufanywa ulikuwa wa:
    A. Kidato cha nne
    B. Darasa la nane
    C. Chuo kikuu
    D. chekechea

40. Kichwa mwafaka cha kisa hiki ni:
    A. Kioja shuleni
    B. Mazingaombwe ya bwana Makochi
    C. Mtihani wa taifa
    D. Shamba la jirani

Soma ufahamu ufuatao kisha ujibu swali la 41-50 kwa makini

Maji ni uhai lakini si maji tu bali ni maji safi ambayo hayajachanganyika na uchafu wowote ule. Umuhimu wake kwa viumbe vyote vyenye uhai na hata mimea si jambo geni kwetu. Tija na tijara zake ni tumbi akidi. Matumizi ya manzilini ni anuwai ikiwa ni pamoja na kupikia, **kukonga roho**, kuoshea na shughuli nyinginezo za hashuoni.

Aidha maji husaidia pakubwa katika ukuzi wa mimea mbalimbali. Mimea hii kwa upande mwingine huvifaidi viumbe hai ambao huitegemea kwa chakula, makao, dawa na kivuli. Isitoshe, mimea hurembesha mazingira na kuyafanya kuwa ya kuvutia.

Fauka ya hayo maji huzalisha nguvu za umeme. **Kawi** hii hutumika katika sekta mbalimbali ili kurahisisha kazi na kuyafanya maisha ya binadamu kuwa bora. Huimarisha maendeleo haraka. Maliasili hii haina haja kupigiwa upatu zaidi kwa mtu yeyote ambaye ni **kiumbe razini**. Hata hivyo adui mkubwa katika uchafuzi wa maji si mwingine! Hebu yatazame maziwa, mito, chemichemi, mabwawa na hata bahari. Tunashuhudia uharibifu usiomithilika. Sio kwa kutojua bali kwa kutojali.

Mwanadamu wa leo, hasa taifani mwetu ni kiumbe asiyeeleweka katu, eti anajua umuhimu wa kiowevu hiki ilhali mchafuzi nambari wani ni yeye! Ajabu ni kuwa anapoathirika na maji machafu huanza kulia kuwa serikali haimjali. Alipoyavuruga hakujua? Aliposhuhudia mwenzake akitiririsha kemikali kwenye maji hakujua?

Matanga ya wengi si harusi tena! Madhara ya maji machafu yanaumiza jamii nzima. Ikiwa ulikuwa umejitia hamnazo na purukushani, Zinduka sasa. Mwenzako tayari amenyolewa kitie chako maji.

41. Maji yana faida kwa
    A. mimea tu
    B. viumbe wenye uhai pekee
    C. binadamu
    D. Viumbe wenye uhai na mimea

42. Mwandishi anasema ni nani anayeyachafua maji?
    A. wanyama   B. mimea
    C. wanadamu   D. viwanda

43. Tabia inayochangia uchafuzi wa maji hasa ni:
    A. Kutojua
    B. Kukosa pahali pa kutupa taka
    C. Kutojali
    D. Kuwa na mito michache

44. Ni nini maana ya maneno **kiumbe razini**
    A. kiumbe mwenye uhai
    B. kiumbe mwenye wazimu
    C. kiumbe asiyekuwa na masomo
    D. kiumbe mwenye akili timamu

45. Jukumu la kutunza maji bila shaka ni la nani?
    A. Serikali
    B. Wenye viwanda
    C. wakulima
    D. kila mtu

46. Gani si faida ya maji
    A. mmomonyoko wa udongo
    B. Ukuzi wa mimea
    C. Uzalishaji wa kawi
    D. Hutumiwa katika usafi wa manzilini

47. Mwandishi anamaanisha nini anaposema matanga ya wengi si harusi tena.
    A. Hakuna harusi ya watu wengi
    B. Matanga ya wengi yamepungua
    C. Tusijipoze kwa mabaya yanayokumba wengi
    D. Maji husaidia katika harusi

48. Mwenzako ashanyolewa chako tia maji. Methali hii inatufunza
    A. Kwenda kunyolewa
    B. Kuungana na wenzetu
    C. Kutokaribia kinyozi
    D. Kutahadhari kabla ya hatari

49. Kukonga roho ni :
    A. Kukata kiu
    B. Kuwa na kiu
    C. Kuona kwiu
    D. Kutunza maji

50. Kichwa mwafaka cha habari hii ni:
    A. Mazingira
    B. Maji
    C. jinsi ya kutunza maji
    D. utunzi wa mazingira

KCPE TRIAL EXAMINATION
STANDARD SEVEN – 2016

MATHEMATICS

Time: 2 hours

READ THESE INSTRUCTIONS CAREFULLY

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

2. Do any necessary rough work in this booklet.

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

HOW TO USE THE ANSWER SHEET

4. Use an ordinary pencil only.

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

> YOUR INDEX NUMBER
>
> YOUR NAME
>
> NAME OF YOUR SCHOOL

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

7. Do not make any marks outside the boxes.

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

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

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

EXAMPLE

In the question Booklet

24. What is the square root of 0.0081?
    A. 0.9   B. 0.09
    C. 0.6561   D. 0.009

The correct answer is B (0.09)

On the answer sheet:

4 [A] [B] [C] [D]   **14** [A] [B] [C] [D]   **24** [A] ■ [C] [D]   **34** [A] [B] [C] [D]   **44** [A] [B] [C] [D]
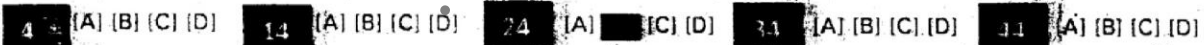
In the set of boxes numbered 24, the box with the letter B printed in it is marked.

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

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

1. Write 15008006 in words.
   A. One million five hundred and eighty thousand and six
   B. Fifteen million eight hundred and six
   C. Fifteen million eight thousand and six
   D. Fifteen million eighty thousand and six

2. How many groups of hundreds are there in the total value of nine in 496502?
   A. 90
   B. 900
   C. 9000
   D. 90000

3. Two bells ring at different intervals. One rings after 15 minutes and another after 20 minutes. How long does it take for the two bells to ring together?
   A. 60 hours
   B. 30 minutes
   C. 1 hour
   D. 120 minutes

4. Round off 10.8964 to two decimal places
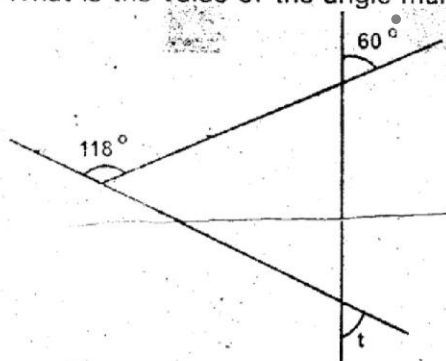   A. 10.89   B. 10.00
   C. 10.99   D. 10.90

5. Work out
   $8^1/_3 - 2^5/_6 - 1^3/_4$
   A. $3^3/_4$ B. $3^1/_2$
   C. $5^1/_{12}$ D. $4^1/_4$

6. Solve for x in
   $3(x + 4) + 2(2x - 5) = 30$
   A. 4   B. $4^4/_7$
   C. $4^3/_7$ D. $3^2/_7$

7. What is the value of the angle marked t?

   A. 60°   B. 58°
   C. 62°   D. 68°

8. A motorist travels at a speed of 30m/s. What is the speed in kilometers per hour?
   A. $8^1/_3$ B. 90
   C. 72   D. 108

9. If 40% of a number is 1000. What is 65% of the same number?
   A. 260   B. 400
   C. 650   D. 1625

10. Divide
    48128 ÷ 16
    A. 3008
    B. 308
    C. 38
    D. 380

11. What is the area of the shaded part in the figure below?
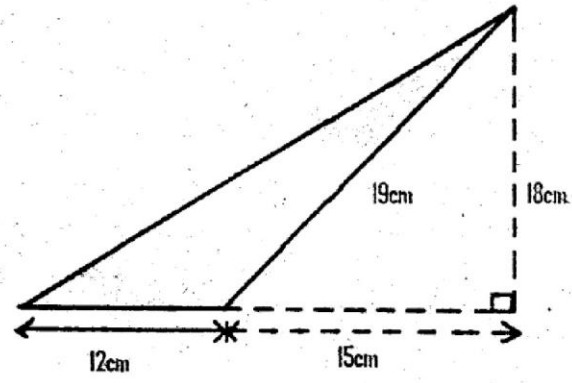
    A. 243cm²   B. 135cm²
    C. 108cm²   D. 114cm²

12. Work out

Litres	ml
1 2	6 3 5
X	4

    A. 48L 540ml
    B. 50L 540ml
    C. 50L 420ml
    D. 48L 440ml

13. Arrange the following fractions in ascending order
    $3/_4, {}^5/_6, {}^2/_3, {}^5/_8$
    A. $^5/_6, {}^3/_4, {}^2/_3, {}^5/_8$
    B. $^2/_3, {}^3/_4, {}^5/_6, {}^5/_8$
    C. $^5/_8, {}^3/_4, {}^2/_3, {}^5/_6$
    D. $^5/_8, {}^2/_3, {}^3/_4, {}^5/_6$

14. What is the next number in the series?
5, 8, 12, 17, 23, ?
A. 30   B. 29
C. 28   D. 33

15. Mwenda's plot measures 150 metres by 80 metres. What is its area in ares?
A. 12000
B. 120
C. 12
D. 1.2

16. A trader made a profit of 20% after selling an item for sh 5400. What was his profit?
A. Sh 4,500
B. Sh 1080
C. Sh 900
D. Sh 6480

17. Which one of the following is divisible by 11?
A. 1089
B. 4082
C. 4255
D. 1101

18. What is the place value of digit 7 obtained after getting the product of 354 and 21?
A. 7000
B. Thousands
C. Hundreds
D. Ten thousands

19. What is the value of
$$\frac{0.36 \times 1.12}{0.63}$$
A. 64
B. 0.064
C. 0.4032
D. 0.64

20. Round off 90989 to the nearest thousand
A. 90000
B. 100000
C. 91000
D. 90900

21. What is the reciprocal of $9^4/_7$?
A. $^7/_{63}$ B. $^1/_{67}$
C. $^{67}/_7$ D. $^7/_4$

22. The magic square below is incomplete. Complete it then find the value of K

K		11	
1			13
4	9	5	16
	6	10	3

A. 13   B. 12
C. 8   D. 14

23. The circumference of a circle is 88cm. What is the radius of the circle? (Take $\pi = ^{22}/_7$)
A. 28cm   B. 14cm
C. 56cm   D. 7cm

24. How many ¾kg packets can be obtained from 120kg of rice?
A. 90   B. 360
C. 160   D. 480

25. What is 12.05am in 24h clock system?
A. 0005h
B. 1205h
C. 2405h
D. 0605h

26. What is the area of the unshaded part in the figure below?
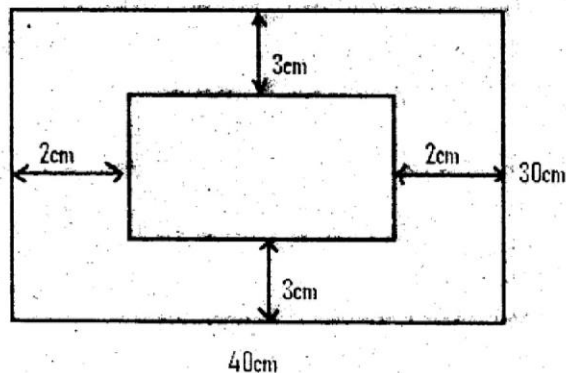
A. 1200cm²
B. 864cm²
C. 336cm²
D. 316cm²

27. What is the sum of the faces, edges and vertices of a cuboid?
A. 26   B. 14
C. 20   D. 18

28. Work out

T	Kg	g
7	0	0
- 3	5 5 5	4 6 0

A. 4T 444kg 540g
B. 3T 445kg 540g
C. 4T 445kg 540g
D. 3T 444kg 540g

29. How many cubic centimetres are in 0.0307 cubic metres?
A. 307
B. 3070
C. 30.7
D. 30700

30. How many cubes form the stack below?
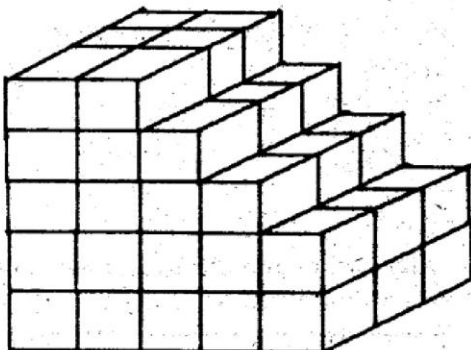
A. 60   B. 18
C. 57   D. 75

31. The charges for sending a telegram is sh 20.00 for the first 10 words or less. For each extra word you pay sh.4. A tax of 15% of the total is then charged. How much does it cost to send the following telegram?
JAKAYA KIKWETE BOX 4798 MOMBASA LIVING OFFICE FOR JOHN MAGUFULI IN OCTOBER MRISHO MSHAMBA
A. Sh 41.40
B. Sh 27.60
C. Sh 40.40
D. Sh 36.00

32. The area of a square plot of land is $324m^2$. What is its perimeter?
A. 18m   B. 72m
C. 81m   D. 96m

33. What is the least number that can be subtracted from 61440 to make it divisible by 11?
A. 5   B. 6
C. 4   D. 3

34. Mzee Ojwang bought the following items from a shop:
4 oranges @ sh 5
3 pineapples @ sh 55
6 bananas @ sh 8
15 guavas for sh 40

If he had a sh 500 note, how much balance did he get?
A. Sh 108
B. Sh 273
C. Sh 227
D. Sh 392

35. Work out
24.08 – 8.209 + 0.004
A. 15.875
B. 15.867
C. 15.871
D. 15.831

36. What is the volume of the cuboid below in cm^3?
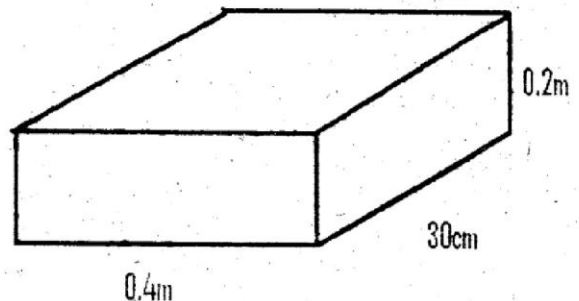
A. 2.4
B. 240
C. 2400
D. 24000

37. How many days are there in the first quarter of a leap year?
A. 60
B. 61
C. 59
D. 91

38. Study the pie-chart below. It shows how Kidero spent sh 900,000.
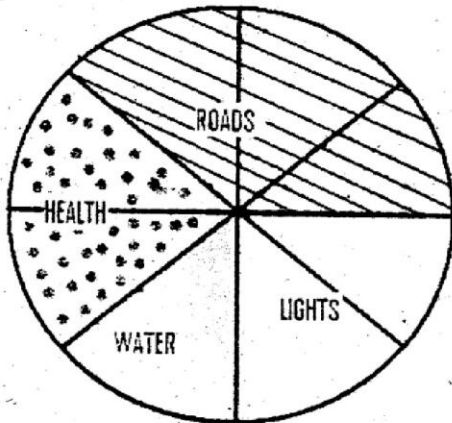
How much more did he spend on roads than on water?
A. Sh 112,500
B. Sh 337,500
C. Sh 225,000
D. Sh 450,000

39. Complete the following statement
$33^1/_3\%$ _____ $^1/_3$.

A.
B >
C. <
D. =

40. What is the product of the edges, vertices and faces of an open cuboid?
A. 25   B. 480
C. 400   D. 576

41. A meeting took 3hrs 25min. If the meeting ended ut 12.45pm, at what time in 24h clock system had the meeting started?
A. 0920h   B. 1610h
C. 2120h   D. 0410h

42. Work out
```
Min    sec
1 2    4 5
x       7
```
A. 87min 15sec
B. 84min 15sec
C. 89min 15sec
D. 88min 55sec

43. What is the value of the angle marked x?
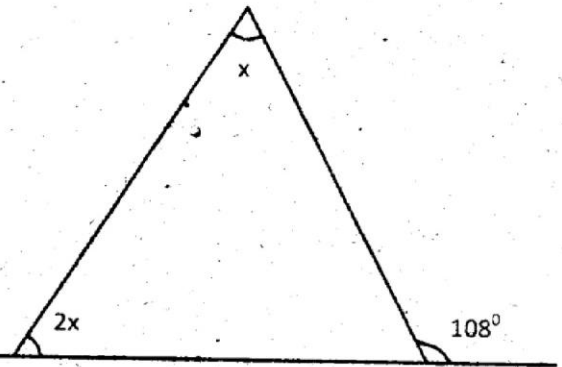
A. 72°   B. 36°
C. 24°   D. 40°

44. A rectangular tank measures 2m by 3m by 1.5m. How many litres of water can it hold when half full?
A. 9000
B. 900
C. 4500
D. 450

45. What is the sum of the first nineteen odd numbers?
A. 441   B. 324
C. 38   D. 361

46. Korir ran five times round the field below
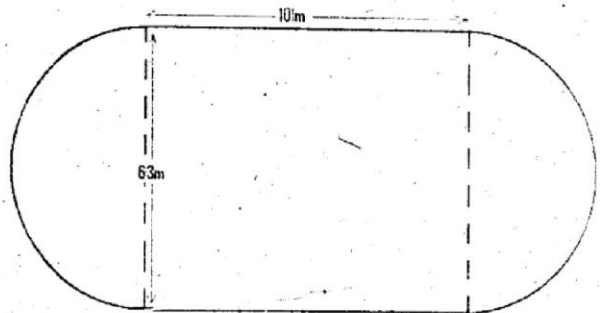
What distance did he cover? (Take π = $^{22}/_7$)
A. 400m
B. 463m
C. 2315m
D. 2000m

47. Onchwati scored the following marks in five test 84%, 76%, 68%, 90% and 87%. What was the average score?
A. 81%   B. 85%
C. 76%   D. 405%

48. A cyclist rode a bicycle whose diameter of the wheel was 91cm. How many revolutions did the bicycle make if the cyclist covered 1.43km? (Take $\pi = \frac{22}{7}$)
   A. 286
   B. 500
   C. 50
   D. 5000

49. After selling 60% of what a farmer harvested, he was left with 240 bags. How many bags did he sell?
   A. 600   B. 144
   C. 360   D. 96

50. How many squares can you count from the figure below?

   A. 14   B. 13
   C. 10   D. 9

KCPE TRIAL EXAMINATION
STANDARD SEVEN – 2016
ENGLISH

HIGH FLYER SERIES 001

Time: 1 hour 40 minutes

READ THESE INSTRUCTIONS CAREFULLY

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

2. Do any necessary rough work in this booklet.

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

HOW TO USE THE ANSWER SHEET

4. Use an ordinary pencil only.

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

YOUR INDEX NUMBER

YOUR NAME

NAME OF YOUR SCHOOL

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

7. Do not make any marks outside the boxes.

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

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

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

EXAMPLE

For questions 19-20 choose the alternative that **completes** the given phrasal verbs correctly.

20. After the accident, his new car was written _____.
   A. up   B. off
   C. over   D. out

The correct answer is B
On the answer sheet:

4 [A] [B] [C] [D] **14** [A] [B] [C] [D] **20** [A] ▆ [C] [D] **34** [A] [B] [C] [D] **44** [A] [B] [C] [D]

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

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

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

TURN OVER

001/Std. 7

1

Read the passage below. It contains blank spaces numbered 1 - 15. For each blank space choose the MOST suitable alternative from the ones given

His reaction was ___1___ than he ___2___ imagined and so it ___3___ him. He removed all the papers from the ___4___ bag and replaced them ___5___ the blank ones he fished out of his ___6___. Then he ___7___ the bag with ___8___ sisal strings. He ___9___ on his feet ___10___ the door then left. Before leaving he turned the ___11___ upside down ___12___ a space inside and quickly pushed the papers ___13___. He then ___14___ to its former position took his case and left. He promised not to ___15___ it with anyone.

	A	B	C	D
1.	swiftier	swifter	swiftly	softly
2.	never	has	was	had
3.	suprised	surpriced	surprised	supriced
4.	old black leather	black old leather	leather old black	old leather black
5.	on	with	at	under
6.	brievecase	briefcase	breif-case	brief-case
7.	tyed	ties	tied	tying
8.	it's	its	i'ts	its'
9.	sprung	springed	sprang	sprout
10.	swang	swinged	swing	swung
11.	mattress	matress	mattres	matreses
12.	teared	tore	tears	put
13.	across	over	out	in
14.	returned it back	returned	returned it	take it
15.	discuss	disscus	discuss about	talk

Give one word for the underlined words

16. My uncle does not take any alcoholic drink. He is a
    A. Sober
    B. Judge
    C. Teetotaler
    D. Drunkard

17. Most people love chicken
    A. Majority
    B. Minority
    C. Maximum
    D. Few

18. Your handwriting is so small it cannot be read. It is
    A. Audible
    B. Legible
    C. Illegible
    D. Illegal

Rearrange the following sentence to make a sensible paragraph

19. i. an eagle swept over me
    ii. before I knew it
    iii. as I was walking from school
    iv. my sandwich was gone

A. i, ii, iii, iv
B. iii, ii, iv, i
C. iii, iv, ii, i
D. iii, i, ii, iv

20. i. after a while
    ii. and soon we were covered by a thick mist
    iii. down the hillside
    iv. the clouds seemed rolling
    v. towards us
    A. i,iv,iii,v,ii
    B. i,iv,v,ii,iii
    C. i,ii,iii,iv,v
    D. i,v,iv,ii,iii

Insert the right word to form a sensible sentence

21. Neither the teacher nor the pupils the answer
    A. Know   B. Knows
    C. Knowing   D. Is knowing

22. None of the girls ___ ready yet
    A. are   B. is
    C. were   D. has

001/Std. 7   2

23. Either you or I _____ to blame
    A. is   B. are
    C. can   D. am

Which word is correctly spelt?
24. A. occasion   B. occassion
    C. ocasion   D. ocation

25. A. pronounciation
    B. pronunciation
    C. Pronounsiation
    D. pronounse

Read the passage below then answer the questions that follow

A 35-year old herder was last night fighting for his life after successfully fighting off an attack by a lion only to be savaged by a pack of hyenas.

Moses Lekalau killed the lion but lost both of his hands and suffered facial injuries when the hyenas attacked him. The lion pounced as he was walking to his home in Samburu near Maralal. Lekalau quickly speared the beast as it charged then beat it to death with his 'rungu.'

But then the hyenas rushed as the lion lay dead at his feet attacking his face and arms. He was rushed to Maralal hospital immediately after the attack but was transferred to the intensive care unit at Kenyatta National Hospital yesterday morning. The doctor treating him said he was unable to speak due to the multiple injuries by the hyenas.

He will be required to undergo plastic surgery to reconstruct his face and head. The patient has undergone seven hours of surgery today. The muscles of his jaws were eaten.

Since he was admitted, Lekalau has had four blood transfusions. The doctor said the hyenas had implicated several wounds on his arms biting off both hands and that both his arms might have to be amputated later.

Africa's most common carnivore the hyena hunts both in packs and alone. With exceptionally powerful jaws it is notoriously bold when hungry and has been known to attack people as they sleep in their huts.

When a hyena attacks a human it usually begins with the face.

Lions however rarely attack people unless provoked or starving. However once a lion has tasted carrion and has realized what easy prey humans can be, they can become dependent on human flesh for survival.

26. According to the first paragraph the herder was _____
    A. Successful in fighting a pack of hyenas
    B. Injured by the lion
    C. Attacked by a pack of hyenas
    D. Was fighting for his life with the hyenas

27. The hyenas
    A. Were killed by the herder
    B. Killed the herder
    C. Attacked the herder and injured him seriously
    D. Attacked the lion which lost both its hands

28. How did the herder kill the lion? He

    A. Shot it on the head
    B. Beat it to death with his rungu
    C. Pounced it
    D. Speared it then beat it to death

29. After the attack Moses was _____
    A. Rushed to Maralal hospital
    B. Rushed to Kenyatta national hospital
    C. Rushed to the intensive care unit
    D. Lying dead at his feet

30. Why couldn't Lekalau speak?
    A. He was unable to speak
    B. Because of the injuries
    C. He had become dumb
    D. He was in shock

31. Why does he need plastic surgery?
    A. Due to head injuries
    B. Due to severe wounds on his hands
    C. Because his jaw muscles were eaten
    D. To reconstruct his face and head injuries

001/Std. 7   3

32. To be amputated is to _____
  A. Chop off
  B. Replace
  C. Plastic surgery
  D. Renewed

33. Which one of the following confirms that his injuries were serious?
  A. Seven hours of surgery
  B. Muscles of his jaws were eaten
  C. Severe wounds on his arms
  D. Rushing him to hospital

34. The hyena according to the passage is the _____
  A. Only Africa's carnivore
  B. Most fierce carnivore
  C. Greediest carnivore
  D. Most common African carnivore

35. How do hyenas hunt?
  A. As a group
  B. Both in packs and alone

C. Mostly in Africa
D. Fiercely

36. We can describe Moses Lekalau as _____
  A. Daring
  B. Brave
  C. Very strong
  D. A coward

37. The fact that a hyena can attack people while asleep suggests that it _____
  A. Has powerful jaws
  B. is notoriously bold
  C. is very fierce
  D. is a coward

38. Carrion as used in the passage means _____
  A. Meat of human beings
  B. Meat of live humans
  C. Meat of animals
  D. Any kind of meat

Read the passage below then answer the questions

Over 250,000 candidates who sat for the last year's Kenya Certificate of Primary Education (KCPE) examination are not going to be enrolled in form one.

Even though primary to secondary transition rate has been on an upward trend in recent years, it is an issue of major concern for such high number of students to be shut out from secondary education.

According to the ministry of education statistics, a milestone has been realized in the increasing transition rate which has since risen steadily from forty seven percent in 2002 to seventy percent in 2008 and this years' slight drop to sixty three percent. This is partly attributed to destruction visited on schools during the post election violence.

Much more remains to be done however to ensure that these qualified students get places in secondary schools especially with the numbers expected to increase as those who enrolled in primary schools with the introduction of free primary education six years ago cruise through to standard eight next year.

It is a challenge that calls effort from all involved parties, the government, parents, religious organizations and the private sector. Members of parliament should consider distributing enough amount of money from the constituency development fund for construction of additional schools and expansion of the already existing ones.

Communities too should chip in by establishing more learning institutions through fund raisers. We should be happy that secondary education has become compulsory for anyone preparing to lead a meaning life and improve the society whether in formal or non formal sectors of the economy.

As the traditional ways of living give way to standards informed by moderate education and skills, only fools can ignore the gains that come with a learned population.

39. It is feared that
   A. A few candidates who sat for KCPE will not be enrolled in form one
   B. Over 250,000 candidates are the only ones who will be enrolled in form one
   C. Over 250,000 candidates who sat for KCPE will not be enrolled in form one
   D. None of the above

40. The passage suggests all the following EXCEPT
   A. The transition has been on an upward trend
   B. A very high number will not join high school
   C. The upward trend is a thing of the past
   D. No one is concerned that many candidates will miss form one

41. What is the percentage increase from 2002 to 2008?
   A. Forty seven
   B. Seventy
   C. Twenty three
   D. Sixty three

42. What has partly contributed to slight drop?
   A. Destruction during post election violence
   B. Increase in number of schools
   C. Head teachers shutting out candidates
   D. Students failing examinations

43. According to the passage
   A. There is nothing that can be done
   B. Much more remains to be done
   C. Nothing can make these students join form one
   D. Pupils should not be enrolled in large number in primary school.

44. What has brought about increase in enrollment in primary schools?
   A. Free primary education
   B. Free secondary education
   C. Parents getting many children
   D. Joining form one

45. Efforts should be seen in all the following EXCEPT
   A. Government
   B. Parents
   C. Private sectors
   D. Non governmental organizations

46. How can the members of parliament help in the already existing problem?
   A. Holding chief baraza
   B. Distributing enough CDF money for construction of more schools
   C. Closing non performing schools
   D. Paying school fees for needy students

47. Why should we be happy? Because
   A. Secondary education has become compulsory
   B. All constituencies will get CDF money
   C. Of free primary education
   D. Already there are existing schools

48. What is the role of the community?
   A. Participate in establishing more learning institutions
   B. Ask their MPs to send them more money
   C. Talk to the District Educational Officer
   D. Educate children in primary school

49. The word 'compulsory' is used in the passage. Its opposite is
   A. Mandatory
   B. Must
   C. Optional
   D. Required

50. What is the best title for this passage?
   A. Free primary education
   B. Compulsory secondary education
   C. Constituency development fund (CDF)
   D. Missing out places in form one.

KCPE TRIAL EXAMINATION

STANDARD SEVEN – 2016
SOCIAL STUDIES & CRE/IRE

HIGH FLYER SERIES 001

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. When did Kenya become a British protectorate?
    1. A. 1920   B. 1910
    2. C. 1895   D. 1906

The correct answer is C

On the answer sheet:

31 [A] [B] [C] [D]   32 [A] [B] ■ [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 C printed in it is marked.

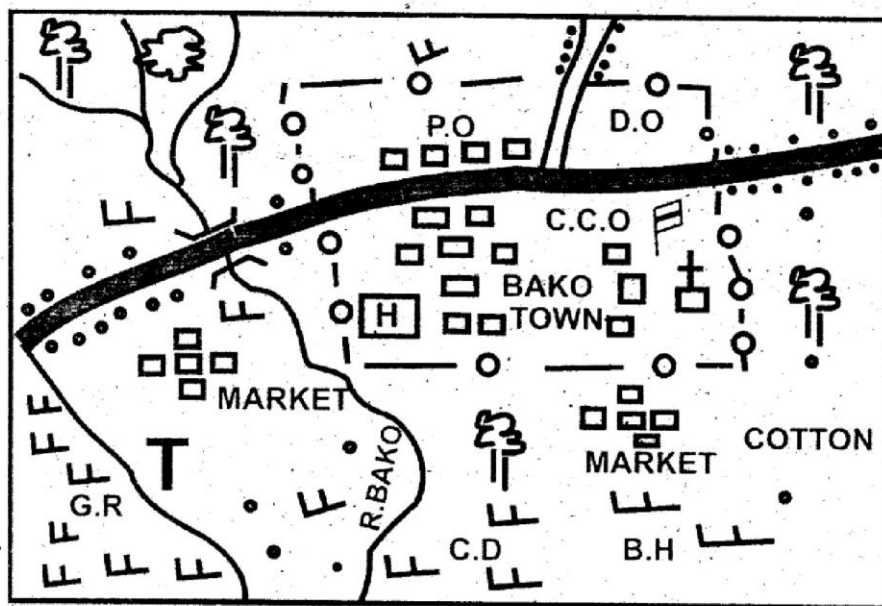11. Your **dark line MUST** be within the box.

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

© High Flyer Series, 2016   Tel. 0723 499860   **TURN OVER**

BAKO AREA

SCALE

```
+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+--+
0  1  2  3  4  5  6  7  8  9 10 11 12 13 14 15 16 17 18
```
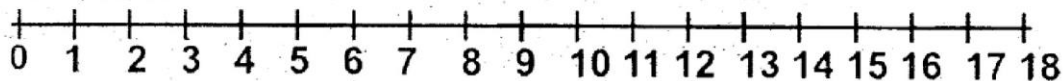
KEY

🌳🌳 —— Scattered trees	H —— Hospital
▫ ▫▫ —— Permanent buildings	T —— Airstrip
—o—o—o— —— Town boundary	D.O —— District Office
▬▬▬ —— Toarmac road	⌐⌐⌐⌐ —— Shrubs
☐☐☐ —— Murram road	P.O —— Post Office
•••••• —— Settlements	C.D —— Cattle Dip
C.C.O —— County Commissioners Office	G.R —— Game Reserve
☩ —— Church	🌳 —— Quarry

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

1. What is the approximate length of the tarmac road in the area represented by the map?
   A. 9.1 km. B. 10.6 km.
   C. 16.5 km. D. 5.6 km.

2. The general climate of Bako area is most likely to be
   A. Cool and wet.
   B. Hot and wet.
   C. Cool and dry.
   D. Hot and dry.

3. Which of the following is the MAIN natural vegetation in the area represented by the map?
   A. Forest vegetation.
   B. Shrub vegetation.
   C. Swamp vegetation.
   D. Grassland vegetation.

4. One of the following crops is likely to be planted in the Southern part of the area covered by the map. Which one is it?
   A. Sisal. B. Coffee.
   C. Tea. D. Pyrethrum.

5. Which of these social services is NOT being provided in the town located in Bako area?
   A. Administrative services.
   B. Religious services.
   C. Health services.
   D. Educational services.

6. What is the general direction of the district office from the game reserve?
   A. North-West.
   B. North-East.
   C. South-East.
   D. South-West.

7. Three of the following economic activities are carried out in the area represented by the map. Which one is NOT?
   A. Trading.
   B. Farming.
   C. Fishing.
   D. Tourism.

8. One of these mountains is CORRECTLY matched with the country where it is located. Which one is it?
   A. Mount Kilimanjaro – Kenya.
   B. Mount Kinyeti – Tanzania.
   C. Mount Ras Dashan – Ethiopia.
   D. Mount Muhavura – Sudan.

9. Which of these basins found in Africa is located in the Central part of Africa?
   A. The Kalahari basin.
   B. The Okavango basin.
   C. The El Djouf basin.
   D. The Congo basin.

10. What is the approximate size of the world's second largest continent?
    A. 43.6 million km².
    B. 30.3 million km².
    C. 25.3 million km².
    D. 13.3 million km².

11. All the following waterbodies surround Africa. Which among them lies to the West of Africa?
    A. Atlantic Ocean.
    B. Mediterranean Sea.
    C. Indian Ocean.
    D. Red Sea.

12. Which of these African countries is CORRECTLY matched with its capital city?
    A. Sudan – Juba.
    B. Ethiopia – Khartoum.
    C. Tanzania – Dodoma.
    D. Zambia – Harare.

13. The most Southerly point of Eastern Africa lies at
    A. 51° South.   B. 12° South.
    C. 20° East.   D. 23° North.

14. One of these sets has lakes found on the Western branch of the Rift Valley. Which one is it?
    A. Lakes Natron, Manyara and Eyasi.
    B. Lakes Turkana, Edward and Abaya.
    C. Lakes Zwa, Baringo and Rukwa.
    D. Lakes Albert, Edward and Tanganyika.

15. Which of these lakes were formed as a result of volcanic action?
    A. Lake Victoria and Lake Kyoga.
    B. Lake Ngozi and Lake Shala.
    C. Lake Tanganyika and Lake Catherine.
    D. Lake Natron and Lake Utange.

16. Ukerewe and Musoma are islands found in eastern Africa in one of the following water bodies. Which one is it?
    A. Lake Victoria.
    B. Red Sea.
    C. Indian Ocean.
    D. Lake Tanganyika.

17. Blue Nile, Awash, Shibelli and Omo are rivers found in one of the following countries. Which one is it?
    A. Ugnada.   B. Ethiopia.
    C. Rwanda.   D. Burundi.

18. The following are some mountains found in Eastern Africa.
    i.   Usambara.
    ii. Rwenzori.
    iii. Pare.
    iv. Danakil Alps.

    All the above mountains _____
    A. Were formed as a result of volcanic eruption.
    B. Were formed as a result of folding.
    C. Were formed as a result of faulting.
    D. Were formed as a result of erosion.

19. Which of these weather recording
    instruments is used to measure the
    atmospheric pressure of a given area?
    A. The hygrometer.
    B. The wind vane.
    C. The Anemometer.
    D. The barometer.

20. One of these statements is NOT true of
    areas experiencing equatorial climate.
    Which one is it?
    A. The areas experience two dry
       seasons.
    B. The areas experience convectional
       rainfall.
    C. The areas experience high rainfall
       throughout the year.
    D. The areas experience high
       temperatures throughout the year.

21. The following describes a vegetation
    found in some parts of the African
    continent.
    i.   It consists of plenty of grass.
    ii. There are scattered trees such as
         acacia, baobab and euphorbia.
    iii. The vegetation is found in regions
         experiencing seasonal drought.
    iv. This vegetation is found in large
         areas of Eastern Africa.
    The vegetation described above is

    A. Tropical rainforest.
    B. Equatorial rainforest.
    C. Savanna grassland.
    D. Mangrove vegetation.

22. Which of these rivers found in Kenya is
    matched correctly with its source?
    A. River Tana – Ngong Hills.
    B. River Athi – Mount Kenya.
    C. River Turkwel – Nandi Hills.
    D. River Mara – Mau ranges.

23. The following describes characteristics
    of some soils found in Kenya.
    i.   They have small particles.
    ii. They are sticky when wet and crack
         when dry.
    iii. They are commonly found in plains.
    iv. They support the growth of rice and
         sugarcane.
    The soils described above are
    A. Volcanic soils.
    B. Black cotton soils.

C. Sandy soils.
D. Alluvial soils.

24. Which of these towns found in Eastern
    Africa is likely to experience a sea
    breeze?
    A. Dodoma.   B. Moshi.
    C. Jinja.   D. Meru.

25. One of these sets consists of Cushitic
    speakers. Which one is it?
    A. Nubians, Bagarra and Falasha.
    B. Amhara, Falasha and Tigre.
    C. Nuer, Dinka and Shilluk.
    D. Iraqw, Sandawe and Ogaden.

26. Three of the following communities are
    Highland Nilotes. Which one is NOT?
    A. Nandi.   B. Pokot.
    C. Beja.   D. Tugen.

27. Which of these groups of Bantu
    speaking communities found in Kenya
    was NOT dispersed by the Galla at
    Shungwaya?
    A. Agikuyu, Ambeere and Duruma.
    B. Jibana, Giriama and Agikuyu.
    C. Aembu, Wapokomo and Kauma.
    D. Abaluhya, Abakuria and Abagusii.

28. The following are effects of migration
    and settlement of communities to
    Eastern Africa in the pre-colonial period.
    Which one is NOT?
    A. Some communities adopted the
       language of their neighbours.
    B. Some communities such as the
       Bantu acquired the culture of
       circumcision from the Cushites.
    C. There was hostility between
       communities.
    D. Some communities such as the
       Cushites introduced plantation
       farming to the communities they
       found.

29. The following are Eastern African
    countries.
    i.   Kenya.
    ii. Ethiopia.
    iii. Somalia.
    iv. Uganda.
    Which of the above countries has the
    highest population?
    A. i.   B. ii.   C. iii.   D. iv.

30. Most of the highland areas of Africa are densely populated. What is mainly responsible for this high population?
   A. High rainfall and high temperatures experienced in the area.
   B. High rainfall and fertile soils in the area.
   C. Fertile soils and availability of employment opportunities in the area.
   D. High altitude and low temperatures experienced in the area.

31. One of the following is a secondary need for family members. Which one is it?
   A. Food.
   C. Clothing.
   B. Shelter.
   D. Education.

32. A Standard Seven boy came across a phrase 'Together We Excel' written on a school gate. In a school such a phrase is described as the
   A. School programme.
   B. School motto.
   C. School routine.
   D. School badge.

33. In the traditional African communities children acquired knowledge through the following ways except one. Which one is it?
   A. Through observation.
   B. Through working with adults.
   C. Through written stories.
   D. Through role-playing.

34. Which of these statements is true about traditional cultural artefacts in the pre-colonial period?
   A. None of the artefacts were used as musical instruments.
   B. All cultural artefacts were used as weapons.
   C. Some cultural artefacts were used as household goods.
   D. All cultural artefacts were used for decorative purposes.

35. The following age-sets belong to a community found in Kenya.
   i. Maina.
   ii. Nyongi.
   iii. Sawe.
   iv. Kimnyige.

All the above age-sets belong to one of the following communities. Which one is it?
   A. Abakuria.
   C. Kipsigis.
   B. Abagusii.
   D. Pokomo.

36. Which of the following statements is NOT true about the clan in traditional African Society?
   A. The clan is a larger unit than a family.
   B. The clan is made up a number of families.
   C. The clan gives the members a sense of belonging.
   D. Members of the same clan are allowed to marry one another.

37. The following conditions favour the growth of a crop.
   i. Deep fertile soils.
   ii. It does well in red volcanic soils.
   iii. Requires high and reliable rainfall.
   iv. Does well in high altitude areas.
   The crop described above is
   A. Coffee.
   C. Sisal.
   B. Cotton.
   D. Cashewnuts.

38. Maize was introduced in the Eastern African region by Europeans from
   A. Britain.
   C. Italy.
   B. France.
   D. Portugal.

39. One of the following crops is the main food crop among the Buganda and Basoga of Uganda. Which one is it?
   A. Maize.
   B. Millet. Countries.
   C. Sweet potatoes.
   D. Bananas.

40. Which of these regions is known for large scale production of sugarcane in Eastern Africa?
   A. Busoga region in Uganda.
   B. Mwea plains in Kenya.
   C. Mmbo region in Tanzania.
   D. Kenana region in Sudan.

41. Three of the following are problems facing beef farming in Eastern Africa. Which one is NOT?
   A. Few markets for beef products.
   B. Poor roads in beef farming areas.
   C. Attacks by pests and diseases.

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  A. Few markets for beef products.
  B. Poor roads in beef farming areas.
  C. Attacks by pests and diseases.

54. Which of these political organizations in Tanganyika had its name changed to Tanganyika African National Union (T.A.N.U) in 1954?
A. United anganyika party (U.T.P).
B. Tanganyika African Association (A.S.P).
C. Afro-Shirazi Party (A.S.P).
D. Cham Cha Mapinduzi (C.C.M).

55. One of the following eastern African countries is NOT a member of the Inter-Governmental Authority on Development (I.G.A.D)?
A. Eritrea.
B. Sudan.
C. Tanzania.
D. Ethiopia.

Use the map of Africa to answer questions 56 – 58
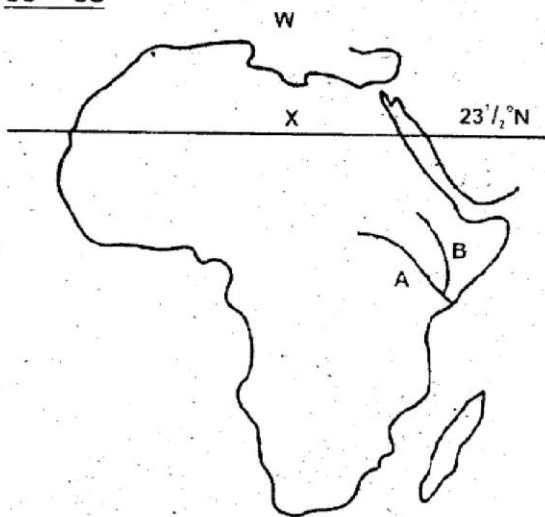
56. Which of the following countries does not border the water body marked W on the map?
A. Egypt.
B. Libya.
C. Tunisia.
D. Niger.

57. In which of these months is the sun directly overhead the latitude marked X on the map of Africa?
A. March.
B. June.
C. September.
D. December.

58. The rivers marked A and B respectively are
A. Rivers Volta and Senegal.
B. Rivers Sio and Tana.
C. Rivers Wami and Orange.
D. Rivers Juba and Shibelli.

59. Who among the following is an ex-officio member of the National Assembly?
A. The speaker.
B. The senator.
C. The governor.
D. A nominated member.

60. The most senior member of the judicial arm of the government is the
A. Attorney General.
B. A judge of the Supreme Court.
C. The Chief Justice.
D. The Registrar of the Judiciary.

CHRISTIAN RELIGIOUS EDUCATION

61. Who among the following was NOT one of the sons of Noah?
A. Ham.
B. Japheth.
C. Joab.
D. Shem.

62. When Samuel was young he served under Priest Eli in Lord's house at
A. Shiloh.   B. Luz.
C. Bethel.   D. Ramah.

63. The following are God's promises to Abraham. Which one is NOT?
A. Abraham's descendants would become a great nations.
B. Nations would be blessed through Abraham.
C. God would curse those who cursed Abraham.
D. Abraham's descendants would live forever.

64. The earth, sea and all kinds of vegetation were created by God in one of the following days of creation. Which one is it?
A. Fourth day.
B. Fifth day.
C. Third day.
D. Second day.

65. Who among the following built an altar for God at the foot of Mount Sinai during the sealing of the Old Covenant?
A. Jacob.   B. Moses.
C. Joshua.   D. Isaac.

66. During the first Passover in Egypt, Israelites were to
A. Eat sweet smelling herbs.
B. Eat poisonous herbs.
C. Eat boiled meat as a sign of haste.
D. Eat unleavened bread.

67. Who among the following sons of Jacob suggested that they should sell him to Ishmaelite traders who were travelling to Egypt?
A. Judah.
B. Reuben.
C. Levi.
D. Zebulun.

68. One of the following was a judge in Israel. Whom is it?
A. Gedion.
B. Jesse.
C. Issachar.
D. Moses.

69. The following miracles were performed by Prophet Elisha except one. Which one is it?
A. He recovered a lost axe-head.
B. He healed Naaman of his leprosy.
C. He multiplied oil for a poor widow.
D. He raised back to life the son of a poor widow.

70. The Ark of the Covenant was brought to Jerusalem by one of the following Kings. Whom is it?
A. King Solomon.
B. King David.
C. King Rehoboam.
D. King Jehu.

71. Which of these sets consists of prophetic books found in the Bible only?
A. Genesis, Exodus and Leviticus.
B. Joshua, Malachi and Job.
C. Nahum, Haggai and Isaiah.
D. Ezekiel, Nehemiah and Esther.

72. Ahab and his wife Jezebel broke the following commandments of God except one. Which one is it?
A. The sixth commandment.
B. The fourth commandment.
C. The ninth commandment.
D. The tenth commandment.

73. The parable of the master and the three servants teaches Christians
A. To make use of their God given abilities.
B. To be ready for the second coming of Jesus.
C. To bring back members to the church.
D. To reconcile with their enemies.

74. Which of these statements is NOT true of Paul?
A. He preached to non-Jews.
B. He heard the voice of Jesus on his way to Damascus.
C. He was a Roman officer.
D. He worked as a tentmaker.

75. Who among the following was the first to pass by but did not help the injured man in the story of the Good Samaritan?
A. The Levite.
B. The Priest.
C. The tax-collector.
D. The Samaritan.

76. Which of the following books found in the Bible explains the annunciation of the birth of Jesus Christ?
A. Luke.
B. John.
C. Romans.
D. Acts of Apostles.

77. One of the following disciples of Jesus witnessed Jesus' miracle of raising Jairus' daughter back to life?
A. Andrew.   B. Thomas.
C. John.   D. Philip.

78. According to the Apostles' Creed Jesus
    A. Descended into heaven.
    B. Will come to judge the living and the dead.
    C. Suffered under King Herod and the Roman soldiers.
    D. Is the father Almighty.

79. In which of these towns did Jesus heal a paralyzed man and forgive him of his sins?
    A. Jericho.   B. Nazareth.
    C. Carpenaum.   D. Jerusalem.

80. Jesus healed the Roman Officer's servant mainly because
    A. The man held a senior position in the government.
    B. The man had a lot of faith in Jesus.
    C. The servant was very loyal to his master.
    D. The officer was a kind hearted man.

81. From the story of Ananias and Sapphira Christians learn the value of being
    A. Fair in their dealings.
    B. Humble to other members of the society.
    C. Courageous as they spread the gospel.
    D. Honest in their day to day activities.

82. Who among the following members of the early church was a prophet who prophesied about a serious famine that would affect the whole world?
    A. Agabus.   B. Timon.
    C. Barnabas.   D. Cornelius.

83. According to the beatitudes happy are those who mourn for
    A. The kingdom of heaven belongs to them.
    B. They shall be comforted.
    C. They shall be filled.
    D. They shall receive what God has promised.

84. The breaking of the bread amongst Christians is also known as _____
    A. The Eucharist.
    B. The Pentecost.
    C. The Penance.
    D. The Confirmation.

85. Who informed the three women who visited Jesus' tomb on Sunday morning that He had resurrected?
    A. The soldiers.
    B. The Pharisees.
    C. The angels.
    D. The disciples.

86. The following values are required during the breaking of bread except one. Which one is it?
    A. Unity.   B. Humility.
    C. Love.   D. Pride.

87. HIV/AIDS is spread from one person to another through the following ways except one. Which one is it?
    A. Through sex with an infected person.
    B. Through infected blood during blood transfusion.
    C. Through sharing food with an infected person.
    D. Through sharing toothbrushes, razors and piercing instruments.

88. Abigail is a class Seven girl who takes other pupils things without borrowing. As a Christian, how can you best help her?
    A. Incite all pupils against her.
    B. Take her things also without her permission.
    C. Insult her in front of the whole class.
    D. Tell her the importance of respecting other people's property.

89. In which of these places did Paul have a vision of a Macedonian man standing and begging him to take the gospel there?
    A. Troas.
    B. Jerusalem.
    C. Lydda.
    D. Philippi.

90. Which of these Kenyan African traditional communities is CORRECTLY matched with its name for God?
    A. Nandi – Asis.
    B. Giriama – Ngai.
    C. Bukusu – Mulungu.
    D. Agikuyu – Were Khakaba.

HIGH FLYER TRIAL EXAM 2016

STANDARD SEVEN

MARKING SCHEME

HIGH FLYER SERIES 001

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

Andika insha ya kuvutia juu ya:

MTOTO UMLEAVYO NDIVYO AKUAVYO

Write an interesting composition on:

MY HOBBY