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**KCPE TRIAL FOUR**

**CLASS OF KCPE NOVEMBER 2023**

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HIGH FLYER  
SERIES

004

# JARIBIO LA MTHANI WA KCPE DARASA LA NANE – 2022 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 MTHANI

JINA LAKO

JINA LA SHULE YAKO

6. Kwa kuchora kistari katika visanduku vyenye namba zinazokunusu, onyesha namba yako kamiii ya mthani (yaani namba ya shule na zile namba tatu za mthaniwa) 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 lionyesha kwa kuchora kistari katika kisanduku chenye herufi uliyochagua kuwa ndilo jibu.

### MFANO

Katika kijitabu cha maswali:

21. Tumia kiwakilishi 'amba' kujaza mwanya.  
Mtoni \_\_\_\_\_ anateka maji ni kuchafu.  
A. ambapo                      B. ambamo  
C. ambao                         D. ambako

Jibu sahihi ni D

Katika karatasi ya majibu

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

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

11. Chora kistari chako vizuri. Kistari chako kiwe cheusi na kisijitokeze nje ya kisanduku.
12. Kwa kila swali, chora kistari katika kisanduku kimoja tu kati ya visanduku vine ulivyopewa.



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Fungua Kurasa

**Soma kifungu kifuatacho kuna nafasi 1 – 15, chagua jibu sahihi kujaza hizo nafasi.**

Tuliamba asubuhi sana. Tulikuwa na \_\_\_\_\_ 1 \_\_\_\_\_ na wanachama wengine ya kukutana ile tuende sokoni pamoja. Soko \_\_\_\_\_ 2 \_\_\_\_\_ huuza bidhaa nyingi kwa bei rahisi. Unaweza kupiga bei na upunguziwe. Si kama bei \_\_\_\_\_ 3 \_\_\_\_\_ zinazopatikana kwenye maduka makuu. Bila shaka kila mtu ali \_\_\_\_\_ 4 \_\_\_\_\_ kwani kikundi chote kilikuwa pale saa thenashara asubuhi. Safari ilikuwa \_\_\_\_\_ 5 \_\_\_\_\_ nay a kuchosha kwa sababu tulikuwa tukienda \_\_\_\_\_ 6 \_\_\_\_\_ mara wengine wakaanza kuimba nyimbo \_\_\_\_\_ 7 \_\_\_\_\_ zilisaidia sana katika kuwasahuliisha kuhusu urefu wa safari.

Safari ilikuwa ya \_\_\_\_\_ 8 \_\_\_\_\_ na muda si muda tukajikuta tumewasili sokoni. Kuna \_\_\_\_\_ 9 \_\_\_\_\_ ambao walikuwa wakipigia mnada na \_\_\_\_\_ 10 \_\_\_\_\_ waliotembea kila sehemu wakiwa na bidhaa zao mkononi. Tulikuwa sokoni mchana \_\_\_\_\_ 11 \_\_\_\_\_ na kurudi nyumbani wakati wa wa jua la \_\_\_\_\_ 12 \_\_\_\_\_. Mazungumzo yalikuwa kuhusu \_\_\_\_\_ 13 \_\_\_\_\_ za siku hiyo. Kuna wale waliopungukiwa na \_\_\_\_\_ 14 \_\_\_\_\_ na kuna wale ambao hawakuwa na nguvu za kutosha kubeba mizigo mizito, lakini kwa jumla kila mtu alirudi nyumbani akiwa \_\_\_\_\_ 15 \_\_\_\_\_ na kupanga kuwa ni sharti siku nyingine kama hiyo ipangwe.

A	B	C	D
1. miradi	mkutano	miadi	mradi
2. hilo	hiyo	hizo	hayo
3. ghafi	rafi	rafu	gafi
4. raruka	demka	dema	damka
5. ndefu	refu	mrefu	virefu
6. benibeni	upogoupogo	masia	masaa
7. ambazo	ambayo	zenye	yenye
8. kufutia	kuputia	kuvuvia	kuvutia
9. madalali	wahariri	wahandisi	wasawidi
10. wachuzi	wachuuzi	mchuzi	mchuuzi
11. usiku	kucha	kwata	kutwa
12. usoni	mtikati	kisogoni	mbeleni
13. fanaka	ufanisi	ubaguzi	uchunguzi
14. ghawazi	nyenje	fuhisu	ngenje
15. amekerwa	ameudhika	ameridhika	akichukizwa

**Kutoka swali la 16 mpaka 30 jibu kulingana na maagizo**

16. Mtu anayeshindana mnadani kwa kutoa bei ya juu zaidi ili akipate kitu kinachonadiwa huitwa \_\_\_\_\_.
- A. Dalali  
B. Mshitiri  
C. Mnadi  
D. Mzabuni

17. Magari yaliyoziangukia \_\_\_\_\_ yalibondeka.
- A. mawe  
B. bonde  
C. mbao  
D. mito

18. Kumvisha mtu kilemba cha ukoka ni \_\_\_\_\_.
- A. Kursema kwa mafumbo  
B. Kumpa sifa asizostahili

- C. Kumchfulia tu jina  
D. Kumfanyia mtu dharau
19. Siku ya mwisho wa mwaka, mkesha wa kuaga mwaka au pia ni mchezo wa watoto.  
A. Kibunzi  
B. Kibwiko  
C. Kibole  
D. Kibirikizi
20. Sanifisha kauli hii kwa kutumia kuashiria radidi. Uyoga \_\_\_\_\_ hautalika kamwe.  
A. Uo huo  
B. Huo uo  
C. Huo huo  
D. Uo uo
21. Tumia kiambishi sahihi; Zilizala \_\_\_\_\_ liitikisa ulimwengu wote.  
A. A  
B. U  
C. I  
D. Wa
22. Nywele za shingoni pa farasi, simba au nyumbu huitwa \_\_\_\_\_.  
A. Singa  
B. Miyaa  
C. Arufu  
D. Harubu
23. Tumia tanakali ipasayo. Nilipofika sokoni niliyakuta machungwa yaliyojaa \_\_\_\_\_.  
A. Jalala  
B. Norni  
C. Tik  
D. Kenyekenye
24. Tumia kihusishi bora. Ali alifika mapema \_\_\_\_\_ mkutano.  
A. Baada ya  
B. Mbele ya  
C. Juu ya  
D. Kabla ya
25. Kanusha: Mgeni amekuja.  
A. Mgeni haji  
B. Mgeni hajaja  
C. Mgeni hakuja  
D. Mgeni hajakuja
26. Ipi ni orodha ya vivumishi?  
A. Polepole, vibaya, wote  
B. Mimi, nyinyi, wewe  
C. Safura, ukambi, bei  
D. Zuri, jema, bora, jingine
27. Nilicheza mchezo wa raga uliokuwa na mpira wa umbo la \_\_\_\_\_.  
A. Duara  
B. Mviringo  
C. Duara dufu  
D. tufe
28. Alitupokea kwa moyo mkunjufu; Andika kwa ukubwa  
A. Alitupokea kwa jimoyo kunjufu  
B. Alitupokea kwa joyo kunjufu  
C. Lilitupokea kwa jimoyo kunjufu  
D. Lilitupokea kwa joyo kunjufu
29. Ni tunda lipi kati ya haya linalokuwa na joya?  
A. Parachichi  
B. Tikitimaji  
C. Nazi  
D. Papai
30. Andika wingi wa  
Dawa yake ya kulevya ninaitumia  
A. Madawa yao ya kulevya twayatumia  
B. Dawa zake za kulevya tunazitumia  
C. Dawa zao za kulevya tunazitumia  
D. Dawa zao ya kulevya twazitumia

**Soma kifungu kifuatacho kisha ujibu maswali 31 – 40 kwa usahihi**

Katika ule mwanga hafifu kutoka kwenye kijikoroboi kilichokuwa kikitishia kuzima wakati wowote kwa ukosefu wa mafuta, Jamila aliwatazama wanawe kwa biwi la

simanzi. Aliwatupia macho yake mapekuzi, akadadisi jinsi mili yao ilivyokuwa imesawijika sijui kwa kukosa lishe murua ama kwa kumkosa marehemu baba yao maridhia. Akavuta kumbukizi namna walivyoishi kwa miezi na dahari katika mtaa mmoja wa kifahari pambazoni mwa jiji jaribu za magharibi. Akakumbuka siku ya kwanza walipompeleka Abedi – mwanambee wao katika gari lao la kifahari hadi katika skuli yake ili aasisi mkondo mrefu wa masomo. Alikuwa ameketi sako kwa bako kwenye kiti cha mbele akimtupia jicho mara kwa mara mwana wao aliyesimama nyuma yao katikati ya viti vyao garini, sare yake sheshe ya samawi, imemkaa barabara. Mgongoni pake ameeleka shanta yake ya 'mickey mouse,' hakuna chochote ndani ila lawalawa na vitafunio ambavyo angechuana navyo katika vipindi vya mapumziko.

Hakujua alikuwa tayari katiririsha machozi njia mbili hadi alipokatizwa ghafha ruya yake na kitindamimba wake huku akidai mchuzi wa kumalizia ugali. "maa, mbona unalia?" Alijipata akijibu. Aligeuza kichwa upesiupesi huku akifuata machozi kutumia kanga chakavu.

Alikopoa life bakuli na kukomba kitoweo ambacho alikuwa amejibakishia katika bakuli lile na kunyanyuka kuelekea nje. Alipohakikisha kwa mlango alikuwa ameukomea vizuri alichutama na kuangua kilio akalia kwa shake na kikweukikweu.

31. Jamila alipowatazama wana wake walikuwa \_\_\_\_\_.

- A. Wakisinzia
- B. Wakila
- C. Wakipigasoga
- D. Wakilala

32. Baba ya watoto hao alikuwa \_\_\_\_\_.

- A. Ameenda safari
- B. Amefungwa gerezani
- C. Amewakimbia
- D. Ameenda ahero

33. Mwanamke aliyefiwa na mume wake huitwa \_\_\_\_\_.

- A. Mfaruku
- B. Mtalaka
- C. Mbiomba
- D. Kirukanja

34. Siku ya kwanza shuleni, Abedi alikuwa amevalia sare ya rangi gani?

- A. Buluu
- B. Hudhurungi
- C. Machungwa
- D. Nyeupe

35. Ni kweli kusema \_\_\_\_\_.

- A. Walikuwa wakiishi mashariki

- B. Wamewai kumiliki gari
- C. Abedi alienda skulini pekee
- D. Alikuwa na chakula ndogo

36. Chakula kinacholiwa jioni huitwa chajjo. Kinacholiwa mchana huitwa \_\_\_\_\_.

- A. Chamsha kinywa
- B. Kisebeho
- C. Kishuka
- D. Uporo

37. Kamilisha methali: uchungu wa mwana aujuaye ni \_\_\_\_\_.

- A. Marehemu
- B. Mungu
- C. Mzazi
- D. Jirani

38. Watoto walikuwa wamesawijika kwa sababu

- A. Kukosa chakula kizuri
- B. Kukosa chakula kabisa
- C. Kushi mtaa duni
- D. Kumkosa baba

39. \_\_\_\_\_ biwi la simanzi \_\_\_\_\_ maana yake ni \_\_\_\_\_.

- A. Furaha ghaya
- B. Sihizai

- C. Huzuni kuu
- D. Takataka nyingi

40. Mtoto wa kwanza katika familia hii aliitwa?

- A. Jamila
- B. Abedi
- C. Mwanambee
- D. Shake

**Soma habari ifuatayo kisha ujibu maswali 41-50 kwa usahihi**

Matumizi ya Kompyuta au tarakilishi yameonekana wazi kuwa ya ziada hasa pale mtu anapokabiliwa na kazi nyingi ambazo zimemshinda kumaliza labda ofisini, viwandani au sehemu nyingine yoyote ya kazi. Kutokana na hali hiyo, kompyuta zinazojulikana zaidi kama PC ndizo zilizokuwa zikiundwa kwa wingi ukilinganisha na zile ndogo zilitwazo lapu (laptop).

Ingawa vitaa hivi vya elektroniki hutekeleza majukumu yaliyo sawa, utafiti umeonyesha wazi kuwa, matumizi ya lapu yameongezeka kwa kiasi kikubwa katika historia ya kama ya ishirini na moja. Kuongezeka kwa idadi kubwa ya wanafunzi vya ongezeko la taasisi za elimu barani Afrika, vimesababisha kuongezeka kwa lapu badala ya Kompyuta za mezani alimaarufu PC. Mawasiliano yamenoga. Lakini pia kutokana na muda na maeneo Lapu kwa sasa zimekuwa zikipendwa sana na watumiaji kutokana na umilisi wa mambo mengi na utendakazi rahisi wake. Zinampa mtu uwezo wa kutazama picha zilizohifadhiwa kwenye santuri au vitepetevu hata kama yu kitandani au sehemu nyingine yenye mazingira mazuri. Kwa hiyo si lazima kwenda **sebuleni** kuangalia kupitia televisheni au Kompyuta za mezani, kwani lapu huwa na nafasi ya kipekee.

Makampuni zaliishaji ya Kompyuta sasa yanaelekeza nguvu na kasi ya kuunda Lapu badala ya PC kama ilivyokuwa awali. Kwa sasa, bei za Lapu ni ghali kwa mwananchi wa mashinani anayenuia kukidhi haja zake za kibinafsi kwa kutumia kifaa hiki kujiboresha. Tatizo kubwa la Lapu ni kwamba. Kupotea rahisi kutokana na udogo wake mithili ya buku au kijitabu na iwapo itaibiwa, basi ni rahisi kupoteza kumbukumbu zote zilizohifadhiwa.

Fauka ya hayo, kuna uwezekano mkubwa wa PC kupotea kwenye soko kwa sababu mbalimbali. Ukubwa na nafasi suala la usalama katika kuzitunza na kiasi kikubwa cha umeme ni mojawapo ya mambo nyeti yanayoweza kuzipoteza katika soko.

- 41. Chumba ambamo wafanyakazi hutenda kazi za utawala au uandishi katika kuwahudumia watu huitwaje?
  - A. Kiwanda
  - B. Serikali
  - C. Ofisi
  - D. Sebule
- 42. Ni Kompyuta zipi ambazo zilifahamika kwa jina PC?
  - A. Kompyuta za mikono
  - B. Kompyuta za kapu
  - C. Kompyuta zote
  - D. Kompyuta za mezani

- 43. Chanzo cha kuongezeka kwa lapu kulisababishwa na \_\_\_\_\_ .
  - A. Kuwepo kwa PC na kutoendelea kwa soko lateknolojia
  - B. Vita vikali dhidi ya kompyuta za PC
  - C. Kuongezeka kwa majukumu katika sekta kadhaa barani
  - D. Kutomarika kwa Kompyuta awali za PC
- 44. Kulingana na taarifa uliyoisoma ni kweli kusema
  - A. Kuna ukuaji wakasi katika teknolojia
  - B. Lapu na Pc ni mzee

- C. Lapu hutoka bei kali zaidi  
D. Pc ni bei ya kutupa
45. Mwandishi angetumia jina gani kama kisawe cha sebule?  
A. Makao  
B. Nyumbani  
C. Mapokezi  
D. Ukumbi
46. Iwapo kompyuta hizi zingeharibika, ziliundwa na nani \_\_\_\_\_  
A. Mhasibu  
B. Mhandisi  
C. Mhazili  
D. Mhandishi
47. Kinyume cha bei ghali ni?  
A. Bei isiyo rahisi  
B. Bei bora  
C. Bei kubwa  
D. Bei nafuu
48. Ipi kati ya hizi si zana ya mawasiliano?  
A. Kikokotoo  
B. Televisheni  
C. Lapu  
D. Redio
49. Lapu huweza kutumika kwenye mazingira yafuatayo isipokuwa \_\_\_\_\_  
A. Kitandia  
B. Sebuleni  
C. Mashinani  
D. Popote
50. Nilipi kati ya haya si tatizo likumbazo Kompyuta?  
A. Uchukuaji halali wa Kompyuta  
B. Wizi na upotezaji kumbukumbu  
C. Upungufu wa hifadhi na usalama  
D. Uhaba wa soko barani



# KCPE TRIAL EXAMINATION

## STANDARD EIGHT – 2022

### SOCIAL STUDIES & CRE

Time: 2 hours 15 minutes

#### READ THESE INSTRUCTIONS CAREFULLY

1. You have been given the question booklet and a separate answer sheet. The question booklet contains 90 questions.
2. Do any necessary rough work in this booklet.
3. When you have chosen your answer, mark it on the **ANSWER SHEET**, not in the question booklet.

#### HOW TO USE THE ANSWER SHEET

4. Use an ordinary pencil only.
5. Make sure that you have written on the answer sheet.

YOUR INDEX NUMBER

YOUR NAME

NAME OF YOUR SCHOOL

6. By drawing a dark line inside the correct numbered boxes mark your full index Number (i.e. School Code Number and the three-figure Candidate's Number) in the grid near the top of the answer sheet.
7. Do not make any marks outside the boxes.
8. Keep your answer sheet as clean as possible and do not fold it.
9. For each of the Question 1 – 90 four answers are given. The answers are lettered A, B, C and D. In each case only **ONE** of the four answers is correct. Choose the correct answer.
10. On the answer sheet the correct answer is to be shown by drawing a dark line inside the box in which the letter you have chosen is written.

#### EXAMPLE

In the Question Booklet:

32. Which of these lakes are formed when a river deposits sand materials on its banks?

- A. Tarns                                      B. Fault lakes  
C. Volcanic lakes                          D. Ox-bow lakes

The correct answer is D

On the answer sheet:

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

In the set of boxes numbered 32, the box with the letter D printed in it is marked.

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



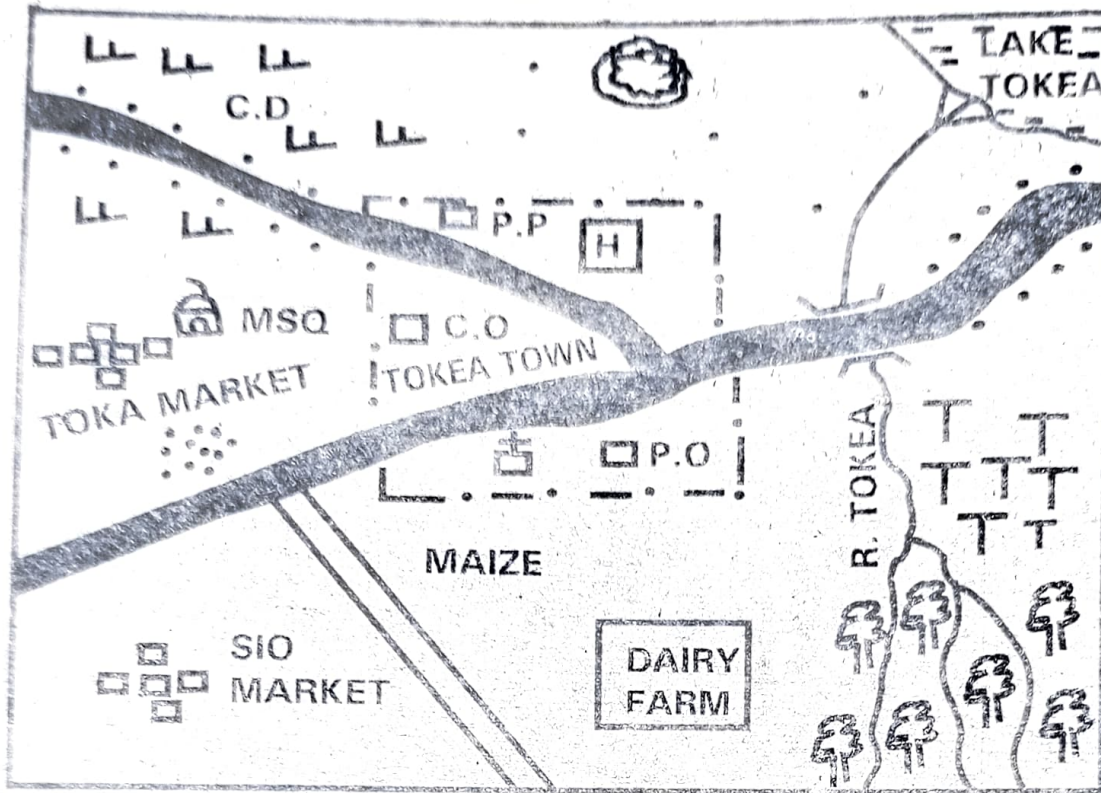
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Tel. 0714 919 144 **TURN OVER**



# TOKEA AREA



## KEY

- |   |               |   |                       |
|---|---------------|---|-----------------------|
|  | - TARMAC ROAD |  | - COUNTY OFFICE       |
|  | - MURRAM ROAD |  | - MOSQUE              |
|  | - FOREST      |  | - HOSPITAL            |
|  | - SHRUBS      |  | - CATTLE DIP          |
|  | - QUARRY      |  | - PERMANENT BUILDINGS |
|  | - POLICE POST |  | - SETTLEMENTS         |
|  | - POST OFFICE |  | - TOWN BOUNDARY       |
|  | - CHURCH      |   |                       |

Use the map of Tokea area to answer questions 1 -7

1. The type of soil most likely to be found in the South Eastern part of the map is
  - A. Red volcanic soil
  - B. Alluvial soil
  - C. Sandy soil
  - D. Black cotton soil
2. What is the direction of the cattle dip from the dairy farm?
  - A. South East
  - B. South West
  - C. North East
  - D. North West
3. The political head of Tokea area is LIKELY to be a
  - A. Deputy County Commissioner
  - B. County Governor
  - C. Member of County Assembly
  - D. Deputy County Governor
4. Three of the following economic activities are practised in Tokea area. Which one is NOT?
  - A. Mining
  - B. Trading
  - C. Crop farming
  - D. Tourism
5. The approximate length of the murrum road in the area covered by the map is
  - A. 15km
  - B. 2.5km
  - C. 6km
  - D. 10km
6. Which of these statements about Tokea area is true?
  - A. All parts of Tokea area experience high rainfall
  - B. All parts of Tokea area receive low and unreliable rainfall
  - C. The residents of Tokea area belong to two religions
  - D. The highest part of Tokea area is around the lake
7. Three of the following services are provided in Tokea town. Which one is NOT?
  - A. Administrative
  - B. Educational
  - C. Transport
  - D. Security
8. Which of the following statements about Homo Habilis is NOT true?
  - A. The creature is also referred to as handy man
  - B. The creature made tools for obtaining food from stones
  - C. The creature ate raw food

- D. The creature learnt how to use fire
9. One of the following statements is true about civil marriage. Which one is it?
  - A. It is officiated by a religious leader
  - B. Polygamy is allowed in this marriage
  - C. Marriage banns are posted in public places
  - D. A marriage certificate is not issued to the couple
10. Which of these dams along River Tana is not yet complete due to lack of funds?
  - A. Masinga
  - B. Mutonga
  - C. Kiambere
  - D. Kamburu
11. One of these minerals mined in Kenya is correctly matched with the extraction method. Which one is it?
  - A. Soda ash – Dredging
  - B. Fluorspar – Drilling
  - C. Limestone – Evaporation
  - D. Salt – Open cast
12. The Tswana of Botswana keep large herds of cattle MAINLY because
  - A. Cattle are the main source of food
  - B. Cattle are their source of dowry
  - C. Cattle are their source of wealth
  - D. Cattle are their main source of milk
13. Three of the following are reasons why Samori Toure resisted the French in West Africa. Which one was NOT?
  - A. He wanted to safeguard the independence of the Mandinka
  - B. He wanted to expand his empire.
  - C. He wanted to protect the purity of Islam.
  - D. He wanted to control all the trade routes.
14. Which of the following was NOT an official in the traditional Nyamwezi government?
  - A. Minule
  - B. Mteko
  - C. Gabunga
  - D. Mganwe
15. Which of the following forms of internal migration is LIKELY to contribute to food shortage in a nation?
  - A. Rural to rural migration
  - B. Rural to urban migration
  - C. Urban to urban migration
  - D. Urban to rural migration
16. Which of these mountains was formed due to uplifting of land between two parallel faults?
  - A. Mount Kenya
  - B. Mount Meru
  - C. Mount Kilimanjaro
  - D. Mount Elgon

- A. Mount Pare  
B. Mount Meru  
C. Mount Ras Dashen  
D. Mount Oldonyo Lengai
17. Three of the following activities are likely to contribute to climatic change in an area. Which one does not?  
A. Cutting down of trees  
B. Use of petroleum in vehicles  
C. Growing of rice under irrigation  
D. Rearing of daily animals in the farm
18. Petroleum is transported to Kenya from Middle East by use of one of the following forms of transport. Which one is it?  
A. Air transport  
B. Railway transport  
C. Pipeline transport  
D. Water transport
19. Learners of standard Eight in Matumbo primary school were involved in making their class rules. Which form of democracy is this?  
A. Representative democracy  
B. Multiparty democracy  
C. Direct democracy  
D. Nominational democracy
20. Which of the following is an economic right?  
A. Right to healthcare  
B. Right to privacy  
C. Right to own property  
D. Right to vote
21. Which of the following traditional ways of weather observation indicated a dry spell?  
A. Appearance of toads  
B. Appearance of the new moon  
C. Appearance of long trails of black ants  
D. Shedding of leaves by some trees
22. Which of these traditional African societies was ruled by a chief?  
A. The san  
B. The Soninke  
C. The Wanyamwezi  
D. The Baganda
23. Three of the following statements about the struggle for independence in Zimbabwe are correct. Which one is NOT?  
A. The Africans formed political parties  
B. The Africans used guerrilla warfare  
C. Organisation of African Unity (O.A.U) supported the freedom fighters.  
D. The Africans used constitutional means only
24. One of the following sets consists of fish caught in inland fishing grounds. Which one is it?  
A. Tilapia, Nile Perch and trout  
B. Kingfish, parrot fish and black bass  
C. Sea bass, kingfish and tuna  
D. Barracuda, Oysters and carps
25. Which of these pre - historic sites is found in Ethiopia?  
A. Olduvai Gorge  
B. Hadar  
C. Peninj  
D. Nariokodome
26. One of these sets of countries were former Portuguese colonies. Which one is it?  
A. Kenya, Uganda and Nigeria  
B. Niger, Mali and Burkina Faso  
C. Angola, Mozambique and Guinea Bissau  
D. Cameroon, Namibia and Togo
27. The following were functions of the organisation of African Unity (O.A.U) during its formation. Which one was NOT?  
A. To form one government that will oversee governance in the continent  
B. To promote peace, security and stability in the African continent  
C. To defend the integrity and boundaries of African independent states.  
D. To assist African countries to attain their independence
28. Which of the following pairs consists of Semitic speakers only?  
A. Hawa and Burungi  
B. Amhara and Tigre  
C. Aramanik and Sandawe  
D. Duruma and Swahili
29. Which of these communities belongs to the West Atlantic Group of West Africa.  
A. Yoruba  
B. Serer  
C. Wassa  
D. Bergu
30. One of the following factors is likely to contribute to rapid population growth. Which one is it?  
A. Family planning practices  
B. Spread of HIV and AIDS  
C. Incidences of early marriages  
D. Incidences of emigration
31. Which of the following plateaus is CORRECTLY matched with the country it is found?  
A. Fouta Djallon - Guinea  
B. Jos - Ghana

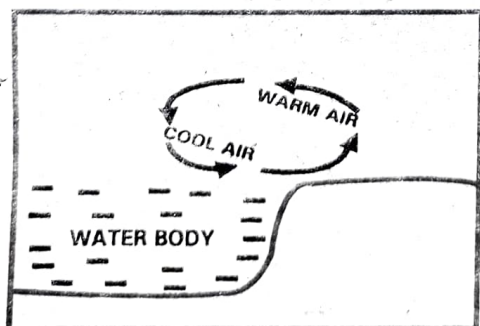
- C. Jebel Abyad – Ethiopia
- D. Merti – Uganda

32. The following relates to a climate found in Africa
- (i) Hot and wet conditions are experienced
  - (ii) High rate of evaporation is experienced
  - (iii) Annual range of temperature is small
  - (iv) High convectional rainfall ranging between 1700mm and 2250mm is experienced.
  - (v) Temperature is high throughout the year.

The climatic region described above is \_\_\_\_\_.

- A. Mediterranean climatic region
  - B. Tropical climatic region
  - C. Equatorial climatic region
  - D. Mountain climatic region
33. Which of the following early visitors to Eastern Africa was involved in trading activities?
- A. John Speke
  - B. Richard Burton
  - C. Johannes Rebmann
  - D. Seyyid Said
34. Which of the following crops is NOT mainly grown in Perkerra?
- A. Onions
  - B. Seed maize
  - C. Watermelons
  - D. Rice
35. Expanding the school physical facilities is the duty of the \_\_\_\_\_.
- A. Headteacher
  - B. Deputy headteacher
  - C. Board of management
  - D. Senior teacher

Use the diagram below to answer questions 36 and 37



36. The above diagram represents the formation of \_\_\_\_\_.

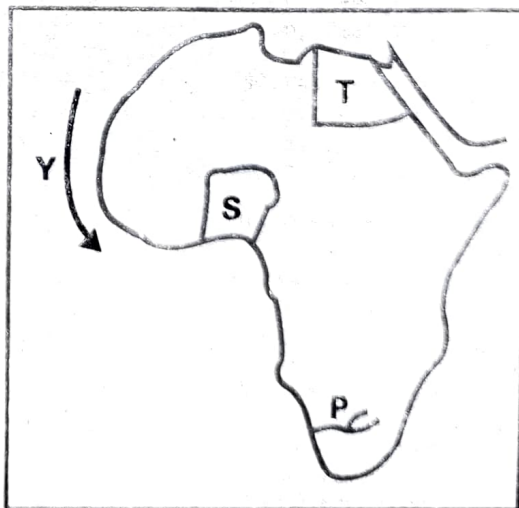
- A. Land breeze
  - B. Sea breeze
  - C. Frontal rainfall
  - D. Convectional rainfall
37. Which of these counties of Kenya is MOST likely to experience the conditions represented by the above diagram?
- A. Laikipia County
  - B. Kiambu County
  - C. Embu County
  - D. Mombasa County
38. The following conditions favour the growing of cloves in Zanzibar and Pemba. Which one is NOT?
- A. High humidity throughout the year
  - B. High temperatures of about 26<sup>o</sup>C to 29<sup>o</sup>C
  - C. Deep well drained fertile soils
  - D. High altitudes of over 2000 metres above the sea level
39. Which of the following traditional methods of weather observation signified a wet season?
- A. Appearance of the rainbow
  - B. Appearance of the full moon
  - C. Appearance of toads
  - D. Appearance of swarms of locusts
40. Three of the following countries achieved their independence through armed struggle. Which one did not?
- A. Algeria
  - B. Mozambique
  - C. Tanzania
  - D. Kenya
41. Which of these colours of Kenya's national flag symbolises the land of plenty?
- A. Red
  - B. Green
  - C. White
  - D. Black
42. One characteristic of the population structure in Germany is that \_\_\_\_\_.
- A. Most people live in urban centres
  - B. There is a high birth rate
  - C. There is low life expectancy
  - D. Most of the families large
43. Which of these statements is NOT true of Haile Selassie?
- A. He led his country in gaining its independence from colonizers
  - B. He was the last Emperor of Ethiopia
  - C. He abolished ownership of slaves
  - D. He modernized Ethiopia

44. The ancient cities of Marrakech and Fez are tourist attractions in \_\_\_\_\_  
 A. Egypt  
 B. Morocco  
 C. Zimbabwe  
 D. South Africa
45. Which of these sets of lakes were formed as a result of river deposition?  
 A. Lake Manzala and Lake Utange  
 B. Lake Bangweulu and Lake Chilwa  
 C. Lake Teleki and Lake Jipe  
 D. Lake Chad and Lake Kyoga
46. Which of these can be classified as processing industries?  
 A. Steel rolling mills and shoe repair  
 B. Motor vehicle assembly and banking  
 C. Sawmilling and pineapple canning  
 D. Leather tanning and cement making
47. Which of these systems of colonial administration was applied by the British in Northern Nigeria?  
 A. Indirect rule  
 B. Assimilation  
 C. Direct rule  
 D. Association
48. One of these sets consists of countries that are members of COMESA trading bloc only. Which one is it?  
 A. Egypt, Namibia and Nigeria  
 B. Zimbabwe, Swaziland and Ethiopia  
 C. Mozambique, Mali and Tanzania  
 D. Comoros, Dr Congo and Tanzania
49. Who among the following early visitors came to Eastern Africa as an explorer?  
 A. John Speke  
 B. Seyyid Said  
 C. Carl Peters  
 D. Cecil Rhodes
50. The Southern part of Africa experiences the winter season during the month of?  
 A. June  
 B. March  
 C. December  
 D. September
51. The time in town P located at  $45^{\circ}$  East is 4.00p.m. What is the time at a town Z located at  $15^{\circ}$  West?  
 A. 12.00noon  
 B. 12.00midnight  
 C. 8.00pm  
 D. 8.00am
52. The following are ways of solving conflicts  
 (i) Litigation  
 (ii) Negotiation  
 (iii) Mediation  
 (iv) Arbitration

Which of the above involve going to a court of law?

- A. (i)  
 B. (ii)  
 C. (iii)  
 D. (iv)
53. The legal advisor of the government of Kenya is the  
 A. Prime minister  
 B. President  
 C. Chief Justice  
 D. Attorney General
54. The following are government officials  
 (i) Cabinet secretary  
 (ii) President  
 (iii) Attorney General  
 (iv) Inspector General  
 All the above state officers belong to an arm of the government known as \_\_\_\_\_  
 A. Parliament  
 B. Executive  
 C. Judiciary  
 D. Legislature
55. A person becomes the speaker of the County Assembly through \_\_\_\_\_  
 A. Nomination by the senate  
 B. Nomination by the president  
 C. Election by members of the county Assembly  
 D. Election by voters in the county
56. Which of the following is NOT a superior court in Kenya?  
 A. High court  
 B. Court of Appeal  
 C. Chief Magistrate court  
 D. Supreme court

Use the map of Africa below to answer questions 57 – 60



57. The main mineral mined in the country marked S is used in making \_\_\_\_\_.
- A. Water filter                      B. Cement  
C. Jewels                                D. Bitumen
58. The river marked P is referred to as \_\_\_\_\_?
- A. Volta                                 B. Orange  
C. Zambezi                              D. Limpopo
59. The country marked T was colonized by one of the following European nations. Which one is it?
- A. Britain                                B. Portugal  
C. Belgium                               D. Italy
60. Which of these statements is true about the ocean current marked Y on the map?
- A. It is a warm current  
B. It is known as Agulhas  
C. It is a cold current  
D. It is known as the Somali current

### CHRISTIAN RELIGIOUS EDUCATION

61. According to Genesis stories of creation God created human beings MAINLY in order to \_\_\_\_\_.
- A. Guard the garden of Eden  
B. Cultivate the garden of Eden  
C. Have control over other creation  
D. Eat from the tree of life
62. Who among the following was a son of Noah?
- A. Lot                                        B. Lamech  
C. Shem                                     D. Seth
63. Which of the brothers of Joseph suggested that they should sell him to Ishamaelite merchants?
- A. Reuben                                 B. Levi  
C. Benjamin                                D. Judah
64. When Abraham was seventy five years of age God called him from a place known as \_\_\_\_\_?
- A. Ur                                         B. Haran  
C. Caanan                                  D. Gilead
65. One of the following activities was carried out by Israelites on the night of the Exodus. Which one is it?
- A. Burning incense to God  
B. Singing hymns in honour of God  
C. Eating bread that had yeast  
D. Smearing blood on the doorposts
66. The third king of Israel was anointed by Priest Zadok in the presence of prophet?
- A. Hosea                                    B. Nathan
- C. Jeremiah                                D. Elijah
67. Naboth refused to sell his vineyard to king Ahab MAINLY because \_\_\_\_\_?
- A. The land belonged to his family members  
B. The land was too small  
C. The land was very productive  
D. The king had a wicked wife
68. Who among the following personalities in the Bible was involved in the sexual sin of rape against Jacob's daughter?
- A. Boaz                                      B. Lamech  
C. Shechem                                 D. Judah
69. What lesson do Christians learn from the incidence in which the widow of Zarephath welcomed Prophet Elijah?
- A. They should be hardworking  
B. They should trust in miracles  
C. They should be good to others  
D. They should be humble
70. Israelites worshipped God in the wilderness by \_\_\_\_\_.
- A. Sharing manna  
B. Sharing quails  
C. Singing songs  
D. Reading the Bible
71. Three of the following were judges in Israel. Who was not?
- A. Nathan                                  B. Gedion  
C. Deborah                                 D. Jephthah
72. The relationship between David and Jonathan teaches Christians on the importance of upholding \_\_\_\_\_.
- A. Obedience                              B. Loyalty  
C. Humility                                 D. Tolerance
73. In which of these places did Peter perform miracle of raising the dead back to life?
- A. Joppa                                      B. Lydda  
C. Caesarea                                 D. Nazareth
74. Which of these members of the early church had a vision at Troas in which he saw a Macedonian man begging him to go and preach to them?
- A. Titus                                      B. Paul  
C. Philemon                                 D. Peter
75. Three of the following statements about Lydia from Philippi are true. Which one is NOT?
- A. She was a dealer in purple clothes  
B. She was baptised by Paul

- C. She invited Paul and Silas to her home  
D. She was baptised
76. Who among the following members of the early church was one of the seven deacons?  
A. Timothy  
B. Prochorus  
C. Silas  
D. Titus
77. Who acted as the link between the living and God in the traditional African society?  
A. The angels  
B. The children  
C. The ancestors  
D. The elders
78. Which these Kenyan communities is CORRECTLY matched with its name for God?  
A. Abakuria - Enkai  
B. Luhya - Engoro  
C. Giriama - Mulungu  
D. Turkana - Asis
79. In some traditional African communities, people worship on high mountains MAINLY because \_\_\_\_\_  
A. They have a high altitude  
B. They are near heaven  
C. They are usually calm  
D. They are seen as God's dwelling places
80. Which of the following religious specialists is found in both traditional African communities and Christianity?  
A. Priest  
B. Magician  
C. Herbalist  
D. Rainmaker
81. Which missionary group sent the first group of missionaries to Kenya?  
A. Church of Scotland Mission  
B. Holy Ghost Fathers  
C. Church Missionary Society  
D. Consolata Fathers
82. One of the following disciples of Jesus was called from a tax office. Whom it it?  
A. Peter  
B. Mark  
C. Judas Iscariot  
D. Matthew
83. Which of these groups worshipped baby Jesus by presenting gold to Him?  
A. The Shepherds  
B. The visitors from the East  
C. The chief priests  
D. The Pharisees
84. The naming and circumcision of Jesus took place when He was \_\_\_\_\_  
A. Eight days old  
B. Ten days old  
C. Eight years old  
D. Twelve years old
85. Which of these parables of Jesus teaches Christians how God's word is received by different people?  
A. Parable of the Good Samaritan  
B. Parable of the pearl  
C. Parable of the sower  
D. Parable of the mustard seed
86. From the miraculous catch of fish Christians learn that they should \_\_\_\_\_?  
A. Be humble in their work  
B. Be thankful at all times  
C. Be hardworking  
D. Be obedient to God's word
87. Who among the following saw Jesus after His resurrection?  
A. Cleopas and Mary Magdalene  
B. Martha and John the Baptist  
C. John the Baptist and Philip  
D. Joseph Arimathia and Simon of Cyrene
88. In which of these places did Jesus meet a Samaritan woman who was fetching water?  
A. Sychar  
B. Bethany  
C. Caesarea  
D. Joppa
89. Sasha, a standard eight pupil has been asked by her friends to join them in taking alcohol. Sasha refuses to join them and tells them the dangers of taking alcohol. The life skill that Sasha has applied is \_\_\_\_\_  
A. Arbitration  
B. Empathy  
C. Assertiveness  
D. Conflict resolution
90. Which of these fruits of the Holy Spirit enables us to avoid being proud?  
A. Faithfulness  
B. Humility  
C. Self-control  
D. Patience



# KCPE TRIAL EXAMINATION STANDARD EIGHT – 2022 ENGLISH

Time: 1 hour 40 minutes

## READ THESE INSTRUCTIONS CAREFULLY

1. You have been given the question booklet and a separate answer sheet. The question booklet contains 50 questions.
2. Do any necessary rough work in this booklet.
3. When you have chosen your answer, mark it on the **ANSWER SHEET**, not in the question booklet.

## HOW TO USE THE ANSWER SHEET

4. Use an ordinary pencil only.
5. Make sure that you have written on the answer sheet

**YOUR INDEX NUMBER**

**YOUR NAME**

**NAME OF YOUR SCHOOL**

6. By drawing a **dark line** inside the correct numbered boxes mark your full Index Number (i.e. School Code Number and the three-figure Candidate's Number) in the grid near the top of the answer sheet.
7. Do not make any marks outside the boxes.
8. Keep your answer sheet as clean as possible and do not fold it.
9. For each of the Question 1 – 50 four answers are given. The answers are lettered A, B, C and D. In each case only **ONE** of the four answers is correct. Choose the correct answer.
10. On the answer sheet the correct answer is to be shown by drawing a **dark line** inside the box in which the letter you have chosen is written.

### EXAMPLE

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

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

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

The correct answer is **A**

On the answer sheet:

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

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

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



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**TURN OVER**



The passage below contains blank space no 1 – 15. For each blank spaces choose the BEST answer.

The department of police which \_\_\_\_\_ 1 \_\_\_\_\_ most \_\_\_\_\_ 2 \_\_\_\_\_ the more serious crimes \_\_\_\_\_ 3 \_\_\_\_\_ known as the C.I.D. It \_\_\_\_\_ 4 \_\_\_\_\_ hundreds of \_\_\_\_\_ 5 \_\_\_\_\_ whose work is to detect \_\_\_\_\_ 6 \_\_\_\_\_ has committed crimes. They \_\_\_\_\_ 7 \_\_\_\_\_ wear uniforms \_\_\_\_\_ 8 \_\_\_\_\_ on duty. They are only in \_\_\_\_\_ 9 \_\_\_\_\_ rank of constable. \_\_\_\_\_ 10 \_\_\_\_\_ are always watching \_\_\_\_\_ 11 \_\_\_\_\_ policemen and if they \_\_\_\_\_ 12 \_\_\_\_\_ a constable in uniform, they \_\_\_\_\_ 13 \_\_\_\_\_ be on their \_\_\_\_\_ 14 \_\_\_\_\_. Detective, \_\_\_\_\_ 15 \_\_\_\_\_ dress in plain clothes when on a special assignment.

- | A            | B           | C            | D        |
|--------------|-------------|--------------|----------|
| 1. detects   | investigate | investigates | refer    |
| 2. in        | of          | about        | over     |
| 3. is        | has         | was          | have     |
| 4. have      | had         | has          | was      |
| 5. criminals | detectives  | police       | thieves  |
| 6. which     | whom        | whose        | who      |
| 7. do not    | does not    | did not      | has not  |
| 8. all       | when        | even         | while    |
| 9. every     | an          | a            | the      |
| 10. Thug     | Criminals   | Victims      | Culprits |
| 11. on       | for         | at           | into     |
| 12. see      | sees        | saw          | seen     |
| 13. could    | should      | might        | would    |
| 14. guard    | stand by    | flight       | space    |
| 15. moreover | therefore   | whichever    | whoever  |

For questions 16 to 18, choose the BEST alternatives to complete the sentences.

16. You did it \_\_\_\_\_?  
 A. did you                      B. didn't you  
 C. haven't you                D. is it true
17. He will \_\_\_\_\_ his book if he is not careful.  
 A. lost                            B. loss  
 C. loose                          D. lose
18. I was \_\_\_\_\_ by a mosquito.  
 A. Bite                            B. bitten  
 C. Biten                          D. beaten

In question 19 and 20 arrange the sentences given to form sensible paragraph

19. (i) David put his hand into his bag.  
 (ii) He fell flat on his face.  
 (iii) He took a stone sling and smote the man.  
 (iv) The stone sank into the man's forehead  
 A. (i), (iii), (iv), (ii)  
 B. (ii), (iv), (iii), (i)  
 C. (iii), (iv), (ii), (i)  
 D. (ii), (iii), (iv), (i)

20. (i) We landed and started to climb the sandy slope.  
 (ii) First we rowed our boat to the mouth of the river.  
 (iii) To find the tall tree named on the map.  
 (iv) This would give us the compass bearing.  
 A. (i), (ii), (iv), (iii)  
 B. (ii), (i), (iii), (iv)  
 C. (iv), (ii), (i), (iii)  
 D. (i), (iii), (iv), (ii)

For questions 21 and 23 choose the word that is SIMILAR in meaning to the underlined word.

21. Our football team beat all the other teams.  
 A. Won                            B. Defeated  
 C. Overcome                    D. Humiliated
22. Abdul says that his sister is slender then Mary  
 A. Thinner                        B. Weaker  
 C. Taller                          D. Smaller
23. Idle people are likely to spread rumours.

- A. Stones
- C. News

- B. Trouble
- D. Gossip

**Choose these sentences into their plural form**

24. The goose was chased by the deer.
- A. The geese were chased by the deer
  - B. The geese was chased by the deer
  - C. The geese were chased by the deers
  - D. The goose were chased by the deer.

25. The chief was summoned by the police.
- A. The chief were summoned by the polices.
  - B. The chieves were summoned by the police.
  - C. The chiefs were summoned by the police.
  - D. The chief was summoned by the police.

**Read the passage below carefully then answer the questions that follow 26 - 38.**

When a new baby arrives, the first thing that the parents want to know is whether their baby is normal or has disability. The realisation of having a child with disability comes as a shock to the family. The parents receive the news with a sense of guilt, disbelief and anger. Many questions which cannot be answered criss – cross their minds. There are different types of challenges that may affect a child.

Educationists have used some terms such as exceptional. This implies defiance from the normal. In this case, those affected behave differently from others; either physically, mentally or emotionally. Professionals describe physical and behavioural differences using words like disorder, disability and handicap. Disorder implies being disturbed in normal functioning, either mentally or physically. Disability is the loss of physical functioning; the child may be visual impaired.

Is not able to see. He/she could also be crippled and may need a wheelchair. In the latter case, the child is handicapped. Handicapped actually means a cup in the hand. It originated when people who were crippled or blind were forced to beg in the streets holding a cup in hand.

Exceptionally is used to describe an individual whose physical, mental or emotional behaviour is different from what is known as normal. When a child is exceptional then he/she may need a special school. When parents get a child who has disability in whatever way they often blame each other for bringing such a child into the world, as if they have any control over the type of children they can have. The mother may try to remember what may have happened to her during pregnancy. Both parents may try to trace any examples of challenged children among their parents and other blood relatives. When no natural cause can be found, the feeling of sadness weighs even more.

This is no time for blaming one another. It is no time for disagreement and quarrels between couples. This is a time when the two parents need each other's love, comfort, affection and support more than ever before. Children with disability must be accepted as they are, by their families. This acceptance is of great importance to the growth of the child. Acceptance means not getting stuck at any stage but rather working it through and getting on with the business of meeting the child's needs. A child's physical handicap will not be a misfortune to him unless a parents or someone else makes it seem that way. Therefore, an important step is to love the child the way he is. This means that the parents must accept the child and deal with the problem. In a positive way. Parents should be aware that some relatives and friends will often say some unwise and unkind things to them about their children with disability. But they must cope with all this. If parents accept their children with disability and are comfortable with them, then other people will also accept them.

Parents of children with disability have a special and demanding role to play in spreading the understanding and acceptance of such children. Having a child with disability is indeed a challenge and such children. Having a child with disability is indeed a challenge and the best way to live up to the challenge is to work together.

26. When a new baby is born, the first thing that parents want to know is whether the child is \_\_\_\_\_.
- A. A boy or girl

- B. Thin or fat
- C. Normal or challenged
- D. Dead or alive

27. When a new born child has disability, the parents often
- Take it to the doctor immediately
  - Hide it from everyone
  - Feel angry and guilty
  - Accept it happily
28. Which of these is NOT true about the feelings of parents of a child with disability?
- They receive the news with disbelief
  - They often blame each other
  - They ask many unanswered questions
  - They avoid having a child again
29. How should parents handle the problems of bringing up a child with disability?
- The mother must take full responsibility for the child
  - The father must take full responsibility for the child
  - Both the father and mother must work together.
  - Both the mother and father must find someone to care for the child.
30. Bringing up a child with disability should be a time for \_\_\_\_\_ for both parents.
- Disagreements and quarrels
  - Love and support
  - Having a sense of guilt
  - Relaxation and joy
31. Children with disability must be accepted by the family because
- Acceptance will please the neighbours
  - There will be no gossip about the children
  - Acceptance will please both parents
  - Acceptance is important for the grown of the child
32. Which of these is NOT true? Accepting a child with disability means \_\_\_\_\_
- Staying with it all times
  - Meeting the child's needs
  - Dealing with the problems in a positive way
  - Working through the problem
33. A child's physical challenge will seem a problem to him or her if
- People make it seem that way
  - Parents accept the child for what he or she is
  - People gossip about it
  - The child is not taken to hospital
34. Other people make it difficult for parents to bring up a child with disability by \_\_\_\_\_
- Saying things that hurt about their children with disability
  - Blaming the parents for the condition of children with disability
  - Not coming to help in any real way
  - Looking unkindly at children
35. Parents who have children with disability have a special duty to \_\_\_\_\_
- Prevent others from getting children with disability
  - Spread the understanding and acceptance of children with disability
  - Meet the challenge of bringing up children with disability
  - Keep information about their challenge with children with disability a secret.
36. Why do parents blame each other?
- Because each has control over children
  - Because each has control over the type of children they want
  - Because each thinks the partner should have control over the type of children they want
  - Because the mother remembers what happened to her during pregnancy
37. What does the underlined word exceptional mean as used in the passage?
- Different from normal physical, mental and emotional behaviour
  - Same as normal
  - Indifferent to physical, mental and emotional behaviour
  - Emotional, physical and mental behaviour
38. What is the BEST title for this passage?

- A. Exceptional children
- B. Disorderly children

- C. Handicapped children
- D. Children with disability

Read the passage below and answer questions 39 - 50.

For days, Leah had hardly slept a wink. Neither had she been able to eat or keep still. "I am going to boarding school!" she murmured to herself repeatedly as she skipped around the house getting into everybody's way. Every now and then she would run into the bedroom she shared with her two younger sisters. She would open her brand new suitcase and take out all the new things that her parents had bought for her in preparation for going to boarding school. There were two pairs of sheets, towels, dresses, games kits, petticoats and other little things. Leah took them out slowly and admired them. She held them to her nose for that peculiar smell and freshness that new things have. Never had Leah had so many new things at one time. Her joy knew no bounds.

For years, Leah had longed to go to boarding school. Ever since her two friends, Anne and Rika had been taken to boarding schools and had come back with a new grown-up air and many fascinating tales. She had wanted to join them. They had their own suitcases which they didn't have to share with anyone else; they got pocket money and could buy things for themselves like adults. They could do all kinds of naughty things away from the eyes of grown up, like holding midnight parties with the left-overs from meals. What freedom so Leah pestered her mother and father until they finally decided to grant her wish so that they could get some peace.

Leah lost no time in informing Anne and Rika who were home for holidays. They were saddened that Leah was not joining them in their schools, but going to a different one. Their sadness however gave way to boredom as Leah went on and on about the new things that had been bought for her and what she would do when she got to her boarding school. They soon learnt to avoid her whenever they saw her approaching.

Finally, the day arrived and Leah's new suitcase, bulging at the seams was put in the family car. It was only then that Leah experienced the first signs of remorse saying farewell to Roma and Rita her little sisters, Simba the dog, Sammy the cat and Rhoda their house servant suddenly proved to be very depressing. She began to wonder how she would survive away from the warmth of the family for a whole three months it might as well have been a century!

Holding back her tears bravely, she ran to the car and scrambled into the back seat covering her face. Leah's father and mother who were to accompany her to school exchanged looks but decided not say anything to her. It was better to pretend they had not seen her tears.

Leah's sad mood somehow lifted as she stared out at the sights rolling by but returned as soon as they arrived at the school gate. It was a big steel gate guarded by a watchman who let them drive in. A high hedge ran around the school compound as far as she could see and Leah's heart sank as she thought of being in prison unless the watchman let her out? For Leah who was used to running up and down large fields at home there was nothing worse than being confined to a particular place.

The headmistress was a stern looking middle-aged nun. As she made herself ready to meet the headmistress, Leah was aware of the crown of pupils staring at her. She felt nervous as she stretched her sweating and shaking hand to meet that out of the headmistress, tears welled up in her eyes. She had never come so close to a nun before and the sight of the veil on the head of the headmistress only added to the strangeness of the surroundings. Sister Collette as the headmistress was called, talked to her kindly but firmly. 'Now young girl.' She said "welcome to Mesa Girls' Boarding School. If you work hard and behave well, you will be alright."

After Leah's father paid the fees and deposited some money for her pocket money, sister Collette went out and called in a pleasant looking round faced girl 'Asita' she said to the girl 'Leah will be your new charge. You will look after her and see that she feels at home. Now go and carry her suitcase to the dormitory, make her bed and show her where everything is in the school.' 'Yes sister' answered Asita, regarding her new charge with frank but friendly curiosity.

So Leah found herself handed over to Asita and her mother and father left after promising to return and see her on the next visiting day. They told her to write to them and keep in touch. Leah stood still and watched her parents drive through the school gate and out of sight. It would be quite a while before they returned. Never before had home seemed so sweet and yet so far away.

39. Why couldn't Leah sleep even a wink?
- She was skipping all around the house
  - She was murmuring to herself repeatedly
  - She was too excited to go to a boarding school
  - She was excited to be going to a boarding school
40. Which of the following were in Leah's suitcase?
- Panties, coats, games kits and towels
  - Little dolls, petticoats, sheet and towels
  - Sheets, petticoats, kits, towels, dresses and other little things
  - Sheets, dresses some little things, towels, games kits and petticoats
41. Why did Leah keep opening her new suitcase?
- To take out all the new things her parents had bought for her
  - For the peculiar smell and freshness they had
  - To give them a peculiar smell and freshness
  - She had never had so many new things at once
42. What made Leah's friends avoid her whenever they saw her coming?
- They had a new grown – up air
  - She bothered them with stories of her new things and what she'd do once in boarding school
  - She was not joining them in their boarding school
  - Their sadness was too boring
43. Give the opposite of the underlined word younger.
- older
  - adult
  - elder
  - old
44. Leah was sad when leaving home because \_\_\_\_\_.
- It was difficult to part from her siblings pets and house help
  - It was difficult to part from the entire family, pets and house help
  - It was going to be three months or even a century
  - She was holding back her tears bravely
45. Why did Leah's heart sink?
- She would be confined within the school compound
  - There was a high hedge within the school
  - There was a steel gate and a watchman
  - She was in prison unless the watchman let her out
46. Leah felt nervous because \_\_\_\_\_?
- She was crying
  - She was to meet the headmistress
  - She was a veil on the nun's head
  - A veiled stern – looking middle aged nun and pupils stared at her
47. Who took Leah's suitcase to the dormitory?
- Rika
  - Asita
  - Ann
  - Collette
48. What did the nun tell Leah?
- To be welcomed to Mesa Girls Boarding School
  - To work hard and behave well
  - Asita would charge her
  - Asita would be her new charge
49. The phrase "a new grown – up air" means?
- Being frown up with air
  - Air for grown ups
  - Fascinating tales
  - Having some pride
50. Which of the following would be the best conclusion from the story?
- Look before you leap
  - Pride comes before a fall
  - Prevention is better than cure
  - East or West home is best



# KCPE TRIAL EXAMINATION STANDARD 8 – 2022 SCIENCE

Time: 1 Hour 40 minutes

## READ THESE INSTRUCTIONS CAREFULLY

1. You have been given the question booklet and a separate answer sheet. The question booklet contains 50 questions.
2. Do any necessary rough work in this booklet.
3. When you have chosen your answer, mark it on the **ANSWER SHEET**, not in the question booklet.

### HOW TO USE THE ANSWER SHEET

4. Use an ordinary pencil only.
5. Make sure that you have written on the answer sheet.

YOUR INDEX NUMBER

YOUR NAME

NAME OF YOUR SCHOOL

6. By drawing a dark line inside the correct numbered boxes mark your full Index Number (i.e. School Code Number and the three-figure Candidate's Number) in the grid near the top of the answer sheet.
7. Do not make any marks outside the boxes.
8. Keep your answer sheet as clean as possible and do not fold it.
9. For each of the Question 1 – 50 four answers are given. The answers are lettered A, B, C and D. In each case only **ONE** of the four answers is correct. Choose the correct answer.
10. On the answer sheet the correct answer is to be shown by drawing a **dark line** inside the box in which the letter you have chosen is written.

#### EXAMPLE

In the Question Booklet:

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

The correct answer is D

On the answer sheet:

[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.



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TURN OVER

- The following crops were displayed in class by standard four pupils. Which one of them was an example of a tuber crop?  
 A. Capsicum                      B. Carrot  
 C. Onion                              D. Spinach
- Which one of the following is used to measure mass of different objects?  
 A. Spring balance  
 B. Crowbar  
 C. Measuring cylinder  
 D. Beam balance
- Which pair has activities that do not need a force that opposes motion?  
 A. Skating and braking  
 B. Writing and erasing  
 C. Flying and swimming  
 D. Walking and riding
- Which one of the following shows how plants benefit from animals?  
 A. Support and oxygen  
 B. Carbon dioxide and pollination  
 C. Pollination and oxygen  
 D. Manure and oxygen
- The following are correct statements about the pulmonary vein. Which one is not?  
 A. Carries blood under low pressure  
 B. Has valves  
 C. Carries dark red blood  
 D. Carries blood to the heart
- In the human digestive system, which part does not produce a digestive juice?  
 A. Mouth                      B. Small intestine  
 C. Stomach                      D. Colon
- The diagram below represents a type of tooth in human beings



The function of the tooth shown is

- Cutting food
  - Tearing food
  - Grinding food
  - Chewing food
- Which one of the following is false about acacia plant?  
 A. It has broad leaves  
 B. It has deep roots  
 C. It has reduced number of stomata  
 D. It grows in dry places
- Which list below has crops that belong to the same group?  
 A. Maize, rice and wheat  
 B. Peas, beans and sorghum  
 C. Green grams, wheat and peas  
 D. Rice, carrot and maize
- The diagram below represents the arrangement of effort, load and fulcrum in a certain lever.



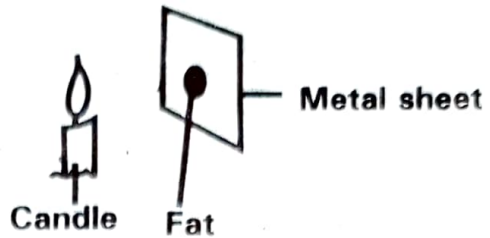
Which lever is represented in the diagram above?

- Wheel barrow
  - Crow bar
  - Claw hammer
  - Spade
- Which one of the following plant does not have a tap root system?  
 A. Cabbage                      B. Carrot  
 C. Kales                              D. Wheat
  - Which one of the following is an example of a single fixed pulley?  
 A. Road winding up a hill  
 B. Ladder  
 C. Flag post  
 D. Screw nail

13. Which of the following groups of animals consists only of invertebrates?
- Crab, newt and snail
  - Slug, earthworm and spider
  - Centipede, lizard and snail
  - Snake, slug and crab
14. Which one of the following statement about all mammals is not true? All mammals
- Have a backbone
  - Have mammary glands
  - Give birth
  - Are warm blooded
15. During a science lesson class 8 pupils were asked by their science teacher to group different animals according to their feeding habits. Which one of the following was a correct grouping?

Carnivore	Herbivore	Omnivore
A. Crocodile	Lion	Chimpanzee
B. Gorilla	Zebra	Rhino
C. Hyena	Elephant	Pig
D. Buffalo	Baboon	Vulture

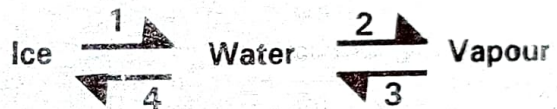
16. Which one of the following has a pair of animals with scales on their body?
- Salamander and shark
  - Lizard and tilapia
  - Turtle and frog
  - Toad and lizard
17. Which practice below will help in preventing a water borne disease that attacks the intestine and bladder in human beings?
- Draining stagnant water
  - Boiling drinking water
  - Wearing gumboots when walking in water
  - Washing fruits before eating
18. The diagram below represents an activity carried out by standard five pupils.



From the activity, the pupils observed that the fat melted. From this observation, the pupils were demonstrating

- Convection of heat
- Radiation of heat
- Conduction of heat
- Absorption of heat

19. The diagram below represents effects of heat on matter



From the diagram, which processes need a decrease in temperature?

- 4 and 3
  - 1 and 2
  - 3 and 1
  - 2 and 4
20. A hilly area with deep channels is likely to be experiencing
- Gulley erosion
  - Sheet erosion
  - Splash erosion
  - Rill erosion
21. Which one of the following sources of energy is the odd one out?
- Sun
  - Biogas
  - Water
  - Petrol
22. Smoking, salting and sun drying can be used to preserve
- Meat and fish
  - Beans and fish
  - Mushroom and beans
  - Meat and vegetables



23. Which one is not a sign and symptom of food poisoning?
- Severe stomach ache
  - Fever
  - Severe headache
  - Diarrhoea
24. Lack of minerals and vitamins in the diet may lead to a person suffering from \_\_\_\_\_.
- Marasmus and kwashiorkor
  - Anaemia and rickets
  - Kwashiorkor and anaemia
  - Marasmus and rickets

25. A standard six pupil placed the word bottle in front of a mirror. Which one of the following shows how the word appeared in the mirror?

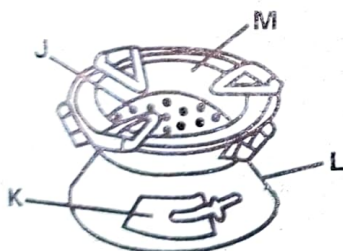
**ELTTOB**  
A

**BOTLLE**  
B

**BOLLTE**  
C

**ETLLE**  
D

26. The diagram below represents a device for burning charcoal.



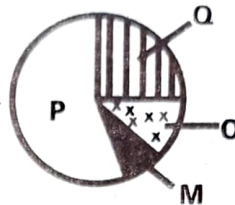
The part that conserves heat is marked with letter

- J
- K
- L
- M

27. Which of the following practices will not result in a person getting an electric shock?
- Putting iron nails in a socket
  - Overloading sockets
  - Touching switches with wet hands
  - Inserting a pencil in a socket

28. Which one of the following material will not allow magnetism to pass through?
- Zinc
  - Iron nail
  - Copper
  - Aluminium

29. The diagram below represents composition of air.



Which two components of air will form 78% of air when combined?

- P and M
  - M and Q
  - O and P
  - M and O
30. The diagram below shows an activity carried out by standard four pupils.



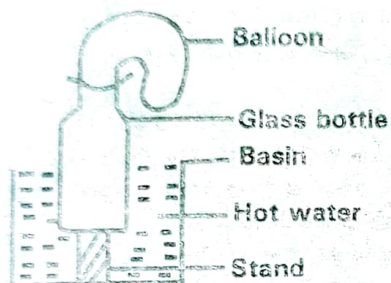
From the activity the pupils concluded that

- Size does not affect sinking and floating
  - Material affects sinking and floating
  - Shape affects sinking and floating
  - Weight affects sinking and floating
31. The following steps were used by standard seven pupils to separate a certain mixture.
- Adding water
  - Filtering the mixture
  - Heating the mixture

Which of the following mixture was being separated?

- A. Flour and iron fillings
- B. Salt and sugar
- C. Flour and salt
- D. Sand and flour

32. The diagram below was used by standard five pupils to investigate a certain property of matter.



The property under investigation was \_\_\_\_\_.

- A. Expansion of solids
  - B. Changes of state
  - C. Expansion of liquids
  - D. Expansion of gases
33. Which one of the following represents the forms of energy that require a medium to travel?
- A. Heat and light
  - B. Light and electricity
  - C. Sound and electricity
  - D. Heat and sound
34. Which one of the following is correct about the different states of matter?
- A. Gases have definite mass
  - B. Liquids have no definite volume
  - C. Solids expand most when heated
  - D. Liquids have definite shape
35. The following activities pollute soil. Which one will not?
- A. Spraying pests with chemicals
  - B. Disposing animal waste in the farm
  - C. Burning plant wastes in the farm
  - D. Burying plastics in the farm

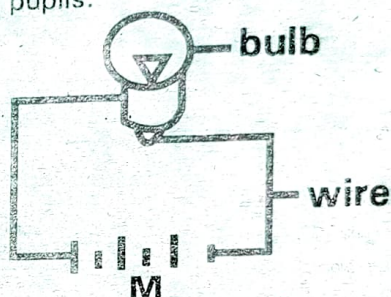
36. Which one of the following is a source of soil that is easily waterlogged during the rains?

- A. River bank
- B. Road side
- C. Garden
- D. River bed

37. When investigation drainage in different soil, all the following should be the same except

- A. Size of funnels
- B. Amount of water
- C. Amount of soil
- D. Size of collecting bottles

38. The diagram below shows a simple circuit made by standard seven pupils.



Which form of energy is present at part marked M

- A. Chemical
  - B. Electricity
  - C. Heat
  - D. Light
39. Which of the following method of controlling parasites will control all types of parasites?
- A. Spraying
  - B. Dipping
  - C. Deworming
  - D. Paddockging
40. The table below shows amount of salts collected when different samples of water were heated to evaporation.

Soil sample	Amount of salts collected
K	2.75 grams
L	1.25 grams
M	0.50 grams
N	2.00 grams

Which source of water will lather easily with soap?

- A. K
- B. L
- C. M
- D. N

41. When making a rain gauge, the main reason for placing it 15 cm underground is to \_\_\_\_\_.

- A. Prevent water from splashing into the funnel
- B. Make reading more accurate
- C. Make the rain gauge more stable
- D. Prevent evaporation of collected water

42. A person infected with HIV and AIDS has his or her immune system completely destroyed during

- A. Window stage
- B. Full blown stage
- C. Asymptomatic stage
- D. Symptomatic stage

43. Which one of the following will not help in preventing the spread of tuberculosis?

- A. Avoid drinking raw cow milk
- B. Getting BCG vaccine
- C. Clearing bushes around the house
- D. Avoiding crowded places

44. The following are characteristics of a certain type of cloud.

- (i) Dark grey in colour
- (ii) Resemble heaps of cotton wool
- (iii) Mountainous in shape
- (iv) Sign of fine weather

Which characteristics are for nimbus clouds?

- A. i and iv
- B. ii and iii
- C. i and iii
- D. ii and iv

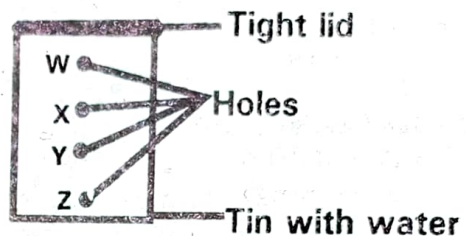
45. The planets that are in the 3<sup>rd</sup>, 5<sup>th</sup> and 8<sup>th</sup> from the sun are

- A. Earth, Jupiter and Uranus
- B. Venus, Saturn and Uranus
- C. Earth, Jupiter and Neptune
- D. Venus, Mars and Uranus

46. Which one of the following is the main reason for breastfeeding?

- A. Bond the mother and the baby
- B. Breast milk boosts the immune system of the baby
- C. Breast milk is easy to digest
- D. Breast milk is readily available

47. The diagram below shows an activity carried out by standard four pupils.



From the activity, the hole with the shortest jet is marked letter

- A. W
- B. X
- C. Y
- D. Z

48. The component of blood that transports digested food from the gut to different body parts is

- A. Red blood cells
- B. Platelets
- C. White blood cells
- D. Plasma

49. Which one of the following is not true about a flower that is pollinated by wind?

- A. It produces light pollen grains
- B. It has dull petals
- C. It is large in size
- D. Lacks nectar

50. Which one of the following is not an effect of crop diseases?

- A. Lowers yields
- B. Leads to stunted growth
- C. Poor quality produce
- D. Increased cost of production



# KCPE TRIAL EXAMINATION

## STANDARD EIGHT – 2022

### MATHEMATICS

Time: 2 hours

**READ THESE INSTRUCTIONS CAREFULLY**

1. You have been given the question booklet and a separate answer sheet. The question booklet contains 50 questions.
2. Do any necessary rough work in this booklet.
3. When you have chosen your answer, mark it on the **ANSWER SHEET**, not in the question booklet.

#### HOW TO USE THE ANSWER SHEET

4. Use an ordinary pencil only.
5. Make sure that you have written on the answer sheet.

YOUR INDEX NUMBER

YOUR NAME

NAME OF YOUR SCHOOL

6. By drawing a dark line inside the correct numbered boxes mark your full Index Number (i.e. School Code Number and the three-figure Candidate's Number) in the grid near the top of the answer sheet.
7. Do not make any marks outside the boxes.
8. Keep your answer sheet as clean as possible and do not fold it.
9. For each of the Question 1 – 50 four answers are given. The answers are lettered A, B, C and D. In each case only **ONE** of the four answers is correct. Choose the correct answer.
10. On the answer sheet the correct answer is to be shown by drawing a dark line inside the box in which the letter you have chosen is written.

#### EXAMPLE

In the question Booklet

24. A cylinder has a volume of  $831.6\text{cm}^3$ . If the height of the cylinder is 15cm, what is the diameter? (Take  $\pi = \frac{22}{7}$ ).
- A. 4.2cm                      B. 8.4cm  
C. 55.44cm                  D. 0.42cm

The correct answer is **B**

On the answer sheet:

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

In the set of boxes numbered 24, the box with the letter **B** printed in it is marked.

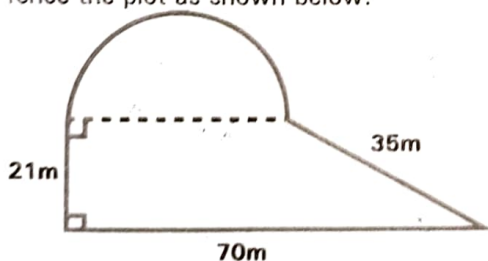
11. Your **dark line MUST** be within the box.
12. For each question **ONLY ONE** box is to be marked in each set of four boxes.



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- Write nine hundred thousand and six, sixteen hundredth in figures  
 A. 906000.16  
 B. 900600.16  
 C. 900006.16  
 D. 916000
- What is the value of  $9.65 - 3.73 + 2.09 - 0.001$  correct to one decimal place?  
 A. 3.8  
 B. 9.009  
 C. 8.01  
 D. 8.0
- What is 788380 rounded off to the nearest ten thousand?  
 A. 790000  
 B. 780000  
 C. 789000  
 D. 800000
- What is the next number in the following pattern?  
 3, 4, 8, 17, 33, \_\_\_\_\_  
 A. 50  
 B. 58  
 C. 61  
 D. 49
- Three bells are set to ring at intervals of 20 minutes, 30 minutes, and 45 minutes respectively. If they all ring together now, after how many hours will they ring together next?  
 A. 180  
 B. 3  
 C. 120  
 D. 6
- What is the value of  $\frac{2}{3}(\frac{3}{4} + \frac{2}{5} \div \frac{1}{3}) - \frac{1}{6} \times \frac{3}{5}$ ?  
 A.  $\frac{13}{10}$   
 B.  $\frac{5}{6}$   
 C.  $\frac{17}{25}$   
 D.  $1\frac{1}{5}$
- Three strands of wire were used to fence the plot as shown below.



- What is the length of the wire used?  
 (Take  $\pi = \frac{22}{7}$ )
- A. 192m  
 B. 236m  
 C. 576m  
 D. 708m

- What is the value of  $36 \div (6 \times 3) + 12 \times 5 - 60 \div 5$ ?  
 A. 50  
 B. 2  
 C. 18  
 D. 66
- The circumference of a circle is 88cm. What is its area? (Take  $\pi = \frac{22}{7}$ )  
 A.  $2464\text{cm}^2$   
 B.  $308\text{cm}^2$   
 C.  $616\text{cm}^2$   
 D.  $1232\text{cm}^2$
- A lorry weighed 10.3 tonnes when loaded with bags of maize. The lorry weighed 4.3 tonnes when empty. The maize was sold in 2kg tins. How many tins of maize were sold?  
 A. 6000  
 B. 3000  
 C. 6  
 D. 3
- Which of the following is a correct statement?  
 A.  $\frac{2}{3} > \frac{5}{7}$   
 B.  $\frac{3}{8} < 0.375$   
 C. 13 weeks 100 days  
 D.  $33\frac{1}{3}\% = \frac{1}{3}$
- A rectangular container measures 100cm long, 50cm wide and 50cm high contains 200 litres of oil to a certain level. What is the height of the empty space in cm?  
 A. 10cm  
 B. 40cm  
 C. 46cm  
 D. 49.6cm
- How many vertices does a triangular prism have?  
 A. 5  
 B. 7  
 C. 6  
 D. 8
- Mogusu sold a cow for sh. 64800 and made a loss of 10%. What was the cost price of the cow?  
 A. sh. 72000  
 B. sh. 58320  
 C. sh. 71280  
 D. sh. 69000
- A bus left Malindi at 2140h on Sunday. It took 8 hrs 40 min to reach Nairobi. When did it reach Nairobi?  
 A. Mon 1820h  
 B. Sun 1820h  
 C. Sun 0620h  
 D. Mon 0620h

16. Sakaja bought the following items from a shop.

- 3kg of rice @ sh. 90
- 3 packets of milk @ sh. 65
- 3 loaves of bread @ sh. 50
- 500g tea leaves for sh 160

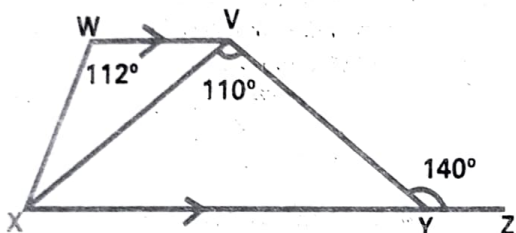
What balance did he get from the shopkeeper if he gave a sh. 1000 note?

- A. sh. 775
- B. sh. 225
- C. sh. 325
- D. sh. 125

17. What is the square root of 0.0361?

- A. 0.0019
- B. 0.019
- C. 0.19
- D. 1.9

18. In the figure below XYZ is a straight line. WV is parallel to XZ. Angle VYZ =  $145^\circ$  and angle XWV =  $112^\circ$



What is the size of angle VXW?

- A.  $38^\circ$
- B.  $40^\circ$
- C.  $35^\circ$
- D.  $30^\circ$

19. A shopkeeper had money in the form of notes as follows-

Value of notes in shillings	1000	500	100	50
Number of notes	13	24	41	158

if he changed all that money into sh. 200 notes, how many notes did he get?

- A. 37000
- B. 185
- C. 236
- D. 165

20. In A competition 5 points were awarded for each game won and 3 points were deducted for each game lost. A pupil attempted 20 games and won 16 of them. How many points did the pupil get?

- A. 80
- B. 92
- C. 64
- D. 68

21. A company packs 50 pens in a packet. Sixteen such packets fill one carton. The

company donated one full carton to a school with 240 pupils and 12 teachers. If each pupil received 2 pens and each teacher received 9 pens, how many pens were leftover?

- A. 588
- B. 320
- C. 212
- D. 800

22. The ratio of boys to girls in a school is 2:3. If there are 270 more girls than boys, what is the total number of pupils in that school?

- A. 450
- B. 1350
- C. 810
- D. 540

23. The marked price of a dress was sh. 2000. During a sale the price was reduced to sh. 1600. What was the percentage decrease in price?

- A. 80%
- B. 50%
- C. 25%
- D. 20%

24. What is the value of x in the equation

$$\frac{3(x-2)}{4} = \frac{5}{6}$$

- A. 3
- B.  $\frac{8}{9}$
- C.  $3\frac{1}{9}$
- D.  $1\frac{4}{9}$

25. 36 men were hired to clear a bush in 20 days. How many more days will the work take if 6 men failed to turn up?

- A. 4
- B. 24
- C. 30
- D. 16

26. Construct triangle XYZ such that angle XYZ =  $110^\circ$  and XY = 5cm and YZ = 3cm. Draw a circle touching the vertices. What is the radius of the circle?

- A. 3.5cm
- B. 1.6cm
- C. 5.2cm
- D. 4.3cm

27. Maria is W years old. She is n years older than her daughter. Which of the following expressions show the sum of their ages in 12 years time?

- A.  $2w - n + 12$
- B.  $w + n + 12$
- C.  $w - n + 24$
- D.  $2w - n + 24$

28. If a farmer sells a bag of beans for sh. 3150, she makes a 10% loss. For how

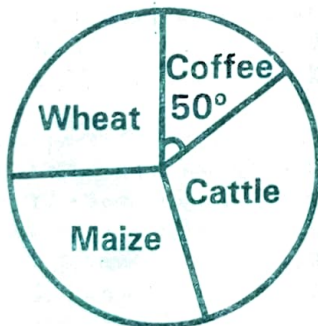
much should she sell the bag of beans to make a 20% profit?

- A. sh. 3780
- B. sh. 4200
- C. sh. 4158
- D. sh. 3500

29. In a school party  $\frac{1}{3}$  of the pupils took orange juice and  $\frac{2}{5}$  of the remainder took pineapple juice. The rest took passion fruit juice. If 72 pupils took passion fruit juice, how many pupils attended the party?
- A. 120
  - B. 135
  - C. 180
  - D. 270

30. Ben bought a shaving machine on hire purchase. He paid a deposit of sh. 2600 and eight equal monthly interests of sh. 500. The total amount paid was 10% more than the cash price. What was the cash price of the machine?
- A. sh. 7260
  - B. sh. 6600
  - C. sh. 5940
  - D. sh. 6000

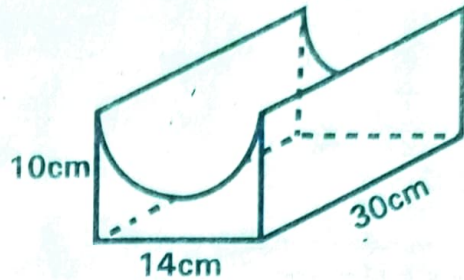
31. The pie chart below shows how a farmer uses his 108 hectares farm. He uses 36 hectares of land for keeping cattle.



If the area planted with maize is twice the area planted with coffee, how many hectares are planted with maize?

- A. 27
- B. 57
- C. 42
- D. 45

The figure below represents a solid object in the form of a rectangular block with a semi-circular groove.



What is the volume of the solid?

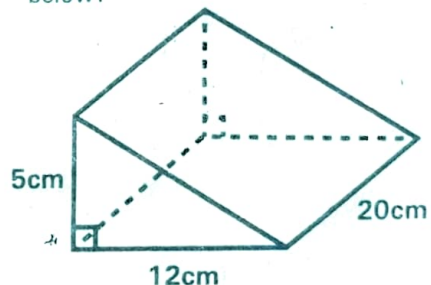
(Take  $\pi = \frac{22}{7}$ )

- A.  $1890\text{cm}^3$
- B.  $2310\text{cm}^3$
- C.  $4200\text{cm}^3$
- D.  $5040\text{cm}^3$

33. Kimeu took a loan of sh. 100,000 from a bank which charged interest at a certain rate per annum. After twenty four months, he paid sh. 130,000 to the bank. If this amount included simple interest, at what rate per annum did the bank charge the interest?
- A. 10%
  - B. 15%
  - C. 30%
  - D. 20%

34. A certain powder is packed in 125g packets. How many such packets will weigh  $2\frac{1}{2}$  tonnes?
- A. 50
  - B. 200
  - C. 2000
  - D. 20000

35. What is the surface area of the solid below?



- A.  $660\text{cm}^2$
- B.  $600\text{cm}^2$
- C.  $560\text{cm}^2$
- D.  $420\text{cm}^2$

36. What is the difference between the total value of digit 8 and 5 in the number 782531?
- A. 80500
  - B. 160
  - C. 79500
  - D. 75000

37. A certain quadrilateral has the following properties

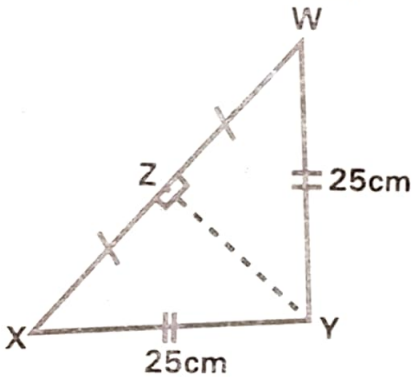
Has two sets of parallel sides  
 Has all sides equal  
 Diagonals bisect each other  
 Some angles are equal  
 Which quadrilateral has all the above properties?

- A. Square                      B. Rhombus  
 C. Trapezium                  D. Rectangle

38. What is the value of the expression  $\frac{t^2(a-b^2)}{ab}$

- given that  $b=2$ ,  $a=6$  and  $t=4$ ?  
 A.  $\frac{3}{8}$                               B.  $1\frac{1}{3}$   
 C.  $2\frac{1}{3}$                               D.  $2\frac{2}{3}$

39. In triangle WXY below,  $WX=48\text{cm}$ ,  $WZ=XZ$  and  $XY=WY=25\text{cm}$



What is the area of triangle WXY?  
 A.  $168\text{cm}^2$                       B.  $84\text{cm}^2$   
 C.  $300\text{cm}^2$                       D.  $600\text{cm}^2$

40. What is the value of  $\frac{0.54 \times 0.603}{1.62}$

- A. 20.1                              B. 2.01  
 C. 0.201                            D. 2.1

41. The length of a rectangle is  $(2x+8)$  cm and the width is  $(x-2)$  cm. If the perimeter is 84 cm, what is the actual length of the rectangle?

- A. 60 cm                            B. 32 cm  
 C. 12 cm                            D. 10 cm

42. Amos paid sh. 2700 for a coat after being allowed a 10% discount. How much would he have paid for the coat had he been allowed a 14% discount?  
 A. sh. 420                              B. sh. 2322

- C. sh. 3000                              D. sh. 2580

43. The table below shows distances in Kilometers between A, B, C, and D.

A			
100	B		
130	150	C	
115	160	90	D

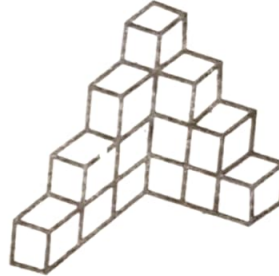
What is the distance from D to A via C?

- A. 205 km                              B. 245 km  
 C. 220 km                              D. 340 km

44. A railway line measuring 5 cm on the map has an actual length of 40 km. What is the scale used on the map?

- A. 1:800000  
 B. 1:80000  
 C. 1:8000  
 D. 1:800

45. How many cubes were used to make the stack below.



- A. 13                                      B. 15  
 C. 16                                      D. 17

46. The table below shows the commission charged for sending money orders

Value of order	Commission charges inland	
	Sh	cts
Not exceeding 100	7	00
101 - 200	11	00
201 - 400	20	00
401 - 600	34	00
601 - 800	51	00
801 - 1000	54	00
1001 - 1500	60	00
1501 - 2000	70	00
Additional fee if money order is sent by telegraph	10	00



Onyango sent money order worth sh. 2000 and another worth sh. 500 and finally another worth sh. 1900 by telegraph. How much commission did he pay altogether for sending the money order?

- A. sh. 174                      B. sh. 184  
C. sh. 204                      D. sh. 4584

47. The mean age of four grades 6 pupils is 12 years. The mean age of three of the pupils is 11 years. What is the age of the fourth pupil?

- A. 15 years                      B. 13 years  
C. 12 years                      D. 10 years

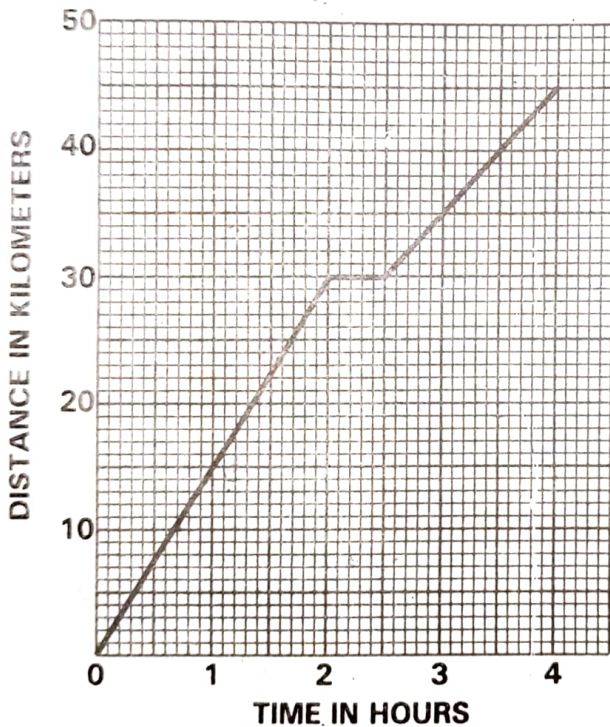
48. A cyclist took 30 minutes to travel from his home to town at a speed of 20km/h. He took 20 minutes to travel back from town to his home. What was his speed in km/h from town to his home?

- A. 25km/h                      B. 50km/h  
C. 12km/h                      D. 30km/h

49. A plot was sold for sh. 900000 through an agent. The owner received sh. 800000. What percentage commission did the agent get?

- A.  $11\frac{1}{9}\%$                       B.  $12\frac{1}{2}\%$   
C. 10%                      D. 90%

50. The graph below represents a cyclist's journey. A cyclist travelled for two hours before taking a break of 30 minutes and continued for one and a half hours.



What was the average speed of the cyclist after the break?

- A. 15km/h                      B.  $11\frac{1}{4}$ km/h  
C. 10km/h                      D.  $7\frac{1}{2}$ km/h