

MTIHANI WA DARASA LA NANE

JIMBO LA VIHIGA

KISWAHILI

Soma vifunGU vifuatavyo. Vina nafasi 1 mpaka 15. Kwa kila nafasi umepewa majibu manne hapo. Chagua jibu lifaalo zaidi kati ya yale uliyopewa.

Mugabe __1__ binti yake kwa kijana Rashid Matano. Wanawe watatu wataipokea __2__ kabla ya __3__ baada ya harusi ya mzofafa. __4__ wao atafurahi kumwoa mwana wa mfalme ndani ya __5__. Kwenye karamu hiyo ya kufana waja __6__ watahudhuria pamwe na __7__ wa nchi. Jirani ilisemekana __8__ haikufanyika __9__ kukiuka mila na tamaduni za ukoo wao.

- | | | | | |
|----|---------------|---------------|--------------|----------------|
| 1. | A. ameoza | B. amemwoza | C. amemuoza | D. amemwoleza |
| 2. | A. mahari | B. posa | C. poza | D. urithi |
| 3. | A. fungate | B. mwongo | C. karne | D. kikusi |
| 4. | A. wifi | B. shemeji | C. amu | D. halati |
| 5. | A. kitala | B. ikulu | C. kasri | D. majilisi |
| 6. | A. mashujaa | B. mashuhuri | C. wakuu | D. waheshimiwa |
| 7. | A. majasusi | B. mabalozi | C. majangili | D. masogora |
| 8. | A. mahari | B. posa | C. radhi | D. urithi |
| 9. | A. hivyo basi | B. hata hivyo | C. sembuse | D. fakaifa |

Mahakama ilijaa nomi __10__ wa pande zote mbili. Kelele zilitulia na kimya kutamalaki; punde tu hakimu alipoingia. Washukiwa walisimama __11__ macho pima kuisubiri sheria ikate nyuma na mbele. Kiongozi wa mashtaka aliwajulisha makosa yao. __12__ walikula kiapo kabla ya kuelezea kile walishuhudia. __13__ wao walipewa nafasi ya kuwatetea wateja wao. Kabla ya jaji kuikata kesi. Wawili waliachiliwa kwa __14__ huku wanne wakizuliwa rumande kwa wiki moja. Mmoja aliyekubali makosa yake alitozwa __15__ ya laki moja au kifungo cha miaka miwili.

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|-----|----------------|--------------|---------------|---------------|
| 10. | A. wateja | B. ufalme | C. wafuasi | D. ushindi |
| 11. | A. fukoni | B. kizimbani | C. kando | D. jukwaani |
| 12. | A. walalamishi | B. wafuasi | C. mashahidi | D. wakusudiwa |
| 13. | A. mawakili | B. majaji | C. mahakamani | D. mashahidi |
| 14. | A. faini | B. dhamana | C. fidia | D. posho |
| 15. | A. fidia | B. dhamana | C. thamana | D. faini |

Kutoka swali 16 - 30, jibu kulingana na maagizo.

16. Pambo lipi si la sikioni?
A. Kipini B. Herini
C. Nti D. Bali
17. Watahiniwa **wanne** walituzwa huko **wa tatu** akishukuru mno. Tambua ni vivumishi vya idadi gani?
A. Sahili, nafasi B. Orodha, kamili
C. Kamili, sahili D. nafasi, sahili

Andika wingi wa:

18. Nilettee ndizi na kabati ya seremala wangu.
A. Nilettee madizi na kabati ya seremala wangu.
B. Tuletee ndizi na makabati ya maseremala wetu
C. Nilettee ndizi na kabati ya maseremala wetu.
D. Tuletee mandizi na makabati ya seremala zetu.
19. Gani si matumizi ya 'ni' kudhihirisha jambo kutendwa na watu wengi.
A. Someni kwa bidii nyote.
B. Mwimbieni wimbo mpya.
C. Andikeni insha burufu.
D. Darasani humo mna uchafu.
20. Methali gani yenye maana kinyume na kidole kimoja hakivunji chawa?
A. Jifya moja hallinjiki chungu.
B. Nahodha wengi chombo huenda mrama.
C. jitihada haiondoi kudura.
D. Baada ya dhiki faraja.
21. Chagua jibu lenye sauti ghuna pekee.
A. b, h, v, m B. sh, ng', gh, dh
C. v, l, m, dh D. l, k, s, b
22. **Bainisha kiwakilishi sentensini:**
Wanafunzi wanne walituzwa, watano wakaadhibiwa vikali sana.
A. sana B. watano
C. wanne D. wazee
23. Majina haya yapo katika ngeli gani?
Machozi, pazia, zulia
A. LI-YA B. U-ZI
C. YA-YA D. I-ZI

24. Tashbihi gani sio sahihi?
A. Maridadi kama kipepeo.
B. Tamu kama halua
C. Pofu kama kinyonga.
D. Chipuka haraka kama uyoga
25. Mume wake shangazi yangu ataitwaje?
A. Mjomba B. Mhale
C. Ami D. Mhavile
26. **Badilisha upate usemi halisi.**
Askari alitaka kujua kwa nini hawakwenda kwake siku hiyo asubuhi.
A. "Mbona hawakuja kwake leo asubuhi?" Askari aliuliza.
B. "Mbona hamkuja kwangu leo asubuhi?" Askari aliuliza
C. "Mbona hamkuja kwangu asubuhi?" Askari aliuliza.
D. "Hamkuja kwangu asubuhi leo?" Askari aliuliza.
27. **Jaza mapengo:**
Tunaipenda _____ na serikali _____ watu kodi.
A. inchi, huwatoza
B. nchi, hutoza
C. nchi, huwatoza
D. inchi, huwatosha
28. Chagua sentensi yenye wakati wa mazoea.
A. Hajafika leo asubuhi.
B. Munene huwa haimbi vizuri.
C. Mzee Onari hakufika juzi.
D. Usipokuja hutamwona alasiri
29. Kutokana na kitenzi 'aka' hatupati jina.
A. mjengo B. mwashi
C. mwako D. ujenzi
30. Kipi si kiungo cha kutakasa damu mwilini?
A. Buhumu B. Figo
C. Buki D. Nso

Soma kifunqu kifuatacho kisha ujibu maswali nambari 31 - 40.

Mlipuko mkubwa ulitokea upande wa barabara, sote tulikimbia kuelekea upande huo huku mtima wangu umenipapa mno. Sote tulielewa fika mbiu ya mgambo ikilia jua kuna jambo. Kumbe shetani naye alikuwa ameshika doria sambamba. Kufika huko tulishangaa na kubungaa tupilia mbali mduwao.

Tuliweka vinywa vya mzubao tupilia mbali mzungu yule wa reli. Sote tulibakia tutwe ja panya aliyepurukushwa na pakashume. Dubwana lenye misuli tinginya na miraba minne lililokuwa linaogofya lilikuwa limesimmaa chini bila kutukutika na polisi aliyevaa deraya.

Licha ya kuwa kituo cha maafisa wa polisi kilishalipuliwa, halikutosheka. Mfyatuko wa risasi ulishamiri na kushadidi hewani. Tulijitupa chini mithili ya gunia la viazi. Sote **tulilala kifudifudi** huku kijasho chembamba kikitutiririka. Nikamaizi fika dunia ina mema na mabaya. Ewaa "dunia mashaka mashuku."

Wazee wa kongu mawe hawakuenda benibeni kutongoa kuwa "ujanja wa nyani huishia jangwani." Wanajeshi wa taifa tukufu la Uhabeshi pamoja na nchi yetu ya Kenya walifika kutuokoa. Tulikuwa kwa wasaa huo maskini asiye na be wala te. Neno furaha tupilia mbali amani likawa kwenye kamusi kimakosa, ingawaje asiye na wake ana Mola.

Janadume lile, lilipoona kuwa mambo yameenda shoro bin shoito likaanguka chini pu! wala si jini. Lilitiwa pingu mikononi na kupelekwa rumande, mili ya wafu ilitapakaa kila mahali. Majeruhi walipelekwa zahanatini kupokea matibabu. Machozi yaliwabubujika wanakaya ungedhani bilula za mainga yao zilikuwa zimefunguliwa.

Mashahidi wa ngano kutoka mwanzo hadi tamati walituaacha kwa kicheko. Walitueleza kuwa jambazi yule alikuwa amevalia mavazi ya gashi. Alikuwa amejipodoa kwa vipodozi aina ainati. Ungemwona ungedhania malaika amekuja duniani kumbe chui kavalia ngozi ya mbuzi! Ewaa! Dunia ina mengi ya kushangaza bimithili ya kuwa ni mti mkavu iwapo si mduara.

Alifikishwa mahakamani huku akionekana kuwa na tabasamu kwani alikuwa ametimiza jukumu lake. Kumbe kuna adnasi na viatu. Alifanya haya yote kwa ajili ya darahima. Alisahau damu ingemrudia akuayami. Lakini kwake halikumhusu ndewe wala sikio. Hakimu kuona hivyo alimhukumu kifungo cha maisha yake yote. Lilituacha achama kwani lilianguka kwa kicheko. Kweli, mtukufu shetani pia ana wafuasi. Nilimshukuru Jalali manani aradhi Jalia kwa kuniokoa. Siku yenyewe kimako kilikuwa kwa wingi.

Lakini hatuna budi kumshukuru Rabana kwani "Lisilo budi hubidi." Kila adinasi alikubaliana na usemi tena temato uliotemwa na watemi watemao, "Mungu si mfaki."

Maswali mpururu yaliitawanya akili yangu. Kwa nini waja hawana ule utu wa kushukuru au kuona fika sote ni wana wa Mungu. Mbona uhayawani umetuvamia na kukolea kwake binadamu razini? Haya yote yawezekana ni mazao ya itikadi potovu za kidini au hata matumizi ya dawa za kulevya. Hili la mbwamwitu likome au likomeshwe? Serikali sharti iwekeze vya kutosha kwenye usalama wa raia wake. Milipuko ikome na mahasimu Kenya wasidhubutu. Oporesheni "Linda nchi" ishike kasi hadi huyu hasidi wa mabomu amalizwe kabisa. Nayo hayo ni kwa mujibu wa umoja na nguvu utengano huja udhaifu.

31. Mlipuko ulipotokea
 A. wote wlaitorokea upande mwingine
 B. mbio ya mgambo ilihinikiza
 C. msimulizi walielekea walikosikia ile sauti.
 D. hawakushtuka kwani walizoea
32. Kipi kilisababisha msimulizi na wenzake kushtuka?
 A. Kumwona jamaa mnene wa miraba minne
 B. Kituo cha polisi kulipuka.
 C. Kutishwa na misuli
 D. Kumwona peupe shetani akishika doria
33. Ni nani walikuja kuwaokoa?
 A. wazee wa kongu mawe
 B. wanajeshi wa Kenya pekee
 C. maskini tu
 D. wanajeshi wa nchi mbili
34. Jangili alikuwa wa jinsia gani?
 A. Huntua B. Kiume
 C. Kike D. Hatujaambiwa
35. Sababu ya yule jambazi kulipua kituo ilikuwa ni;
 A. tamaa ya pesa
 B. ukosefu wa akili razini
 C. dawa za kulevya
 D. kulipisha kisasi
36. Nani walioelezea na kusimulia kisa kile?
 A. Maafisa wa polisi
 B. Walioshuhudia yote
 C. Msimulizi na rafikize
 D. kamera zilinasa yote
37. Jambazi alipofikishwa mahakamani, kwa nini hakuwa na uoga wala wasiwasi?
 A. Shabaha lake lilikuwa lishatekelezwa
 B. Alikuwa na wakili sugu
 C. Jaji alikuwa ni ndugu yake
 D. Tayari alikuwa amelipwa
38. Tulilala kifudufudi ina maana _____
 A. kulala njaa
 B. kulala tumbo chini
 C. kulala mgongo chini
 D. kulala kwa upande
39. Ni kweli _____
 A. jaji alimhukumu kifungo kirefu
 B. mshtakiwa alikuwa mfuasi wa magaidi
 C. mshtakiwa hakuwa mwoga kwa wote
 D. mshtakiwa alifungwa kifungo cha maisha ya nyumbani.
40. Methali inayowiana na kisa hiki ni gani?
 A. Mwenye nguvu mpishe
 B. Kwa mwoga huenda kicheko kwa shujaa huenda kilio
 C. Baniani mbaya kiatu chake dawa
 D. Mstahimilivu hula mbivu.

Soma makala haya na uyajibu maswali 41 - 50.

Fedha za kigeni kutokana na kiingilio wanazolipa watalii wazurupo mbuga za wanyama na maeneo ya kihistoria pamwe na mali asili zenye mvuto wa kiajabu. Watalii hawa hutoka nchi mbalimbali za bara lisilo la Afrika. Nchi yetu imebarikiwa nazo nyanja aula zenye mvuto. Mali asili ja vile mito huwavutia watalii kwayo maanguko. Mwenye macho tangu lini akaambiwa tazama? Mbugani hayawani wenye tabia za watu wamehifadhiwa. Simba, chui, ndovu, mbogo, ngiri na kunguru ni tele na kadhaa kama viatu. Milima sijaibwaga mbali, mlima Kenya wenye theluji ukiwa kitega uchumi cha nchi. Si hayo tu, zipo sehemu za kale hususan mahame ya vile ngome ya Fort Jesus na mnara wa Vasco Dagama bila kutupilia mbali makuu ya Gedi walikoishi Waswahili. Ni mdokezo tu wa vile fedha za kigeni hupatia nchi kwa njia aula.

Pesa hizi hugharamia mambo au mahitaji mbalimbali. Mfumo wa elimu ya bure hupigwa jeki nazo zile pesa. Serikali ya Uhuruto inagharamia gharama ya uzalio kwenye hospitali za umma kote nchini. Barabara zetu zilizokuwa mbovu. Daima magari yalikingama sasa zimelainishwa kwa lami. Migomo ya kila mara nayo tamati imefika, wafanyakazi wamepata nyongeza. Shule mpya zimejengwa huku zilizobomoka au kuchomeka na migomo ya wanafunzi walio na akili razini zimejengwa upya. Hapa awali dawa hazikuwa rahisi kupatikana waliojiweza ndio kwa vile ukahaba na ulevi zimeshika kasi hasa karibu na sehemu za burudani. Dawa za kulevya nazo hupata njia ya kupelele nchini. Magonjwa ya zinaa hasa nduli mia waja UKIMWI usambazaji wake ukirahisishwa. Dunia hakika rangi rangile. Mawazi na mabavu

41. Fedha wanazolipa watalii wakizuru mbugani ni;-
- fedha za kigeni
 - masurufu
 - kiingilio
 - arburu
42. Ni mnyama yupi hakutajwa kifunguni?
- Kunguru
 - Ngiri
 - Swara
 - Nyati
43. Ni kweli kusema, nchi
- watalii hutoka nchi zote za ulimwengu
 - ngome ya Fort Jesus inayo theluji pamwe na mnara
 - kivutio kikubwa cha watalii ni bahari Hindi.
 - mfumo wa elimu ya bure umepigwa jeki na utalii.
44. Fedha hizi za kigeni hazigharamii;-
- mishahara ya wabunge
 - kuzijenga barabara na kukarabati
 - kulipia bili za uzalio
 - shule mpya kujengwa
45. Ili kudumisha utamaduni
- mnara umejengwa huko Mombasa
 - kumbi maalum zimejengwa
 - mwingiliano na utangamano wa nyimbo za kale
 - miradi mbalimbali imeanzishwa kila sehemu nchini.
46. Kwa mujibu wa kifungua, utalii;-
- umeimarisha miundo msingi nchini
 - umezoresha mila, tamaduni na desturi
 - umeimarisha maendeleo nchini
 - matumizi ya mihadarati na ukahaba kwenye sehemu za burudani.
47. Nani vimelea kulingana na kifungu?
- watalii
 - serikali
 - tuja
 - wananchi
48. Wakata ni neno lililotumika kifunguni. Halimaanishi;-
- mchochole
 - hawinde
 - mlalahoi
 - mtume
49. Misitu si _____
- makao ya hayawani
 - chemichemi za maji
 - vivutio vya maanguko ya maji
 - vitulizo vya hali ya anga
50. Kichwa mwafaka ni kipi?
- Madhara ya utalii
 - Utalii nchini
 - Fedha za kigeni
 - Manufaa ya utalii

STD 8 VIHIGA COUNTY MOCK EXAM

ENGLISH

Read the passage below. It contains blank spaces numbered 1 to 15. For each blank space, choose the best answer from the choices given.

Drug abuse can be ____1____ as the use of a drug to the point where the user's health is affected ____2____ where it all becomes difficult for the user to live ____3____ responsible life. It is ____4____ recognised that drug abuse ____5____ young people is a social problem in Africa. Drug abuse is something which affects ____6____ the drug users and ____7____ families. For the users there is ____8____ of permanent addiction; their bodies ____9____ become completely unable to ____10____ without drugs. This exposes them to disease and can in the end ____11____ their death. ____12____ of the bad effects of addiction ____13____ the user's family is the loss of ____14____ when the user is unable to continue working. Another problem is that relationships in the family begin to get ____15____ as the other members of the family stop sympathising with the user.

- | | | | | |
|-----|-------------|---------------|--------------|--------------|
| 1. | A. seen | B. considered | C. defined | D. thought |
| 2. | A. or | B. even | C. but | D. also |
| 3. | A. the | B. that | C. any | D. a |
| 4. | A. now | B. therefore | C. still | D. again |
| 5. | A. for | B. among | C. between | D. in |
| 6. | A. half | B. all | C. first | D. both |
| 7. | A. there | B. they're | C. their | D. the |
| 8. | A. risk | B. trouble | C. problem | D. intention |
| 9. | A. would | B. will | C. may | D. should |
| 10. | A. function | B. perform | C. exist | D. live |
| 11. | A. bring | B. hurry | C. cause | D. invite |
| 12. | A. any | B. many | C. some | D. one |
| 13. | A. for | B. on | C. in | D. to |
| 14. | A. money | B. wealth | C. resources | D. income |
| 15. | A. worse | B. difficult | C. serious | D. tough |

In questions 16 and 17, choose the right question tag.

16. He seldom goes to Church, _____?
A. doesn't he
B. does he
C. did he
D. didn't he
17. Peter will visit us tomorrow, _____?
A. willn't he
B. won't he
C. woun't he
D. will he

For questions 18 and 19, choose the correct alternative to complete the sentences.

18. No sooner _____ they finished eating _____ they heard a gun shot.
A. had, than B. had, when
C. had, that D. did, than
19. Muhindi prefers English _____ Mathematics.
A. than B. and
C. more D. to

For questions 20 and 21, choose the alternative that means the same as the underlined word.

20. Shopping is a real chore for me.
A. obligation
B. duty
C. task
D. responsibility
21. There is need to increase facilities for recreation.
A. sports
B. games
C. hobbies
D. entertainment

In questions 22 and 23, choose the corrects order of adjectives.

22. I met a _____ lady.
A. beautiful, tall, Ugandan
B. Ugandan, tall, beautiful
C. tall, beautiful, Ugandan
D. beautiful, Ugandan, tall
23. My father bought me a _____
A. baggy, blue, woolen, jacket
B. woolen, baggy, blue, jacket
C. baggy, blue, jacket, woolen
D. blue, baggy, woolen, jacket

For questions 24 and 25, re-arrange the given parts in order to form a sensible sentence.

24. (i) although she had been in hospital for a week
(ii) my friend got a present
(iii) and passed the test
(iv) because she worked hard
A. ii, iii, i, iv
B. i, iv, ii, iii
C. ii, iv, iii, i
D. iv, i, ii, iii
25. (i) she was admitted
(ii) of her choice in the country
(iii) having finished her primary education
(iv) to a national school
A. iii, i, iv, ii
B. i, iii, iv, ii
C. iii, iv, ii, i
D. i, iv, iii, ii

Read the following passage and answer questions 26 -38.

It is usually claimed that human beings are superior to other animals. There are a number of reasons given for this. One of the reasons suggested is that man does things that other animals cannot do. All around us we see evidence of man's achievements over the years. Radios, cars, ships, aeroplanes, rockets and most recently the invention of computers are just but a few examples of the great things man has made.

Man is still inventing more wonderful things almost everyday in order to make his life easier and more comfortable. It is worth mentioning the advancement in technology where the use of internet via the various web sites has made tremendous progress in economic growth and communication. It is difficult to imagine the things man will have made one hundred years from now. If a person who lived in the year 1913 saw the things man has made today, he would think he was dreaming. His reaction would probably be similar to that of a man living today if he visited the world in the year 2113.

Although man has invented many useful things, he still has serious weaknesses. On the one hand he does not get along with his fellow men. This explains why there are wars, murders, robberies, animosities and general failure. To be mindful governments spend much more money on weapons than on providing food and such **essential** services as health and education.

On the other hand, man has continued to senselessly destroy the environment. This has led to water and air pollution which endanger his own health. His greed for money has made him kill elephants for their tusks and rhinos for their horns. In fact, many of the animals that used to be plentiful have almost completely disappeared from the earth. He had also continued to cut down trees without replacing them, thus causing soil erosion and encouraging the spread of deserts. As a result, man's very livelihood is now threatened.

Man could learn a lot from little creatures like bees and ants. In their communities, the ants, for example are disciplined and well organized. Each one of them works for the general good of the entire community. They don't seem to be as selfish as human beings are.

Although man has made much progress in many areas, that in itself is not enough. He should use his vast knowledge in more positive ways. For example, he should irrigate the dry land to increase food production, improve health, reduce poverty, create employment and provide better and adequate educational facilities.

Finally, human beings should learn to live together, being of help to one another in quest to form a global village where peace, love, harmony and unity always prevail.

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- | | |
|---|--|
| <p>26. It is usually claimed that human beings are superior to other animals because;-</p> <ul style="list-style-type: none">A. man does things other animals cannot do.B. there are a number of reasons given for this.C. we do not know what other animals can do.D. we cannot compare man with other animals. | <p>28. The phrase '<u>he is still inventing more wonderful things</u>' means that man</p> <ul style="list-style-type: none">A. is not tired of making new thingsB. is not satisfied with his achievementsC. still needs more wonderful thingsD. continues to invent more wonderful things |
| <p>27. Radios, cars, ships, aeroplanes and rockets are;</p> <ul style="list-style-type: none">A. the great things man has madeB. the only things man has madeC. some of the great thing man has madeD. the only evidence of man's achievements. | <p>29. Modern advancement in technology has enabled all the following <u>except</u> one. Which one is it?</p> <ul style="list-style-type: none">A. Economic development through internetB. Improved communication via the web sitesC. collapse of the computer systemsD. increased production due to computerization |
-

39. Which of the following is a sign of laziness?
- Lack of energy to spend
 - Wanting to be idle
 - Refreshing your minds
 - Enjoying ourselves
40. Rest differs from laziness in that it;
- does not happen often
 - comes after working for long
 - refreshes our minds and bodies
 - makes us not to be thought lazy
41. Laziness overcomes you when you;
- feel cold or hot
 - take time to rest
 - you have too much to do
 - feel overwhelmed
42. Why should we break down huge tasks in small parts?
- So as to be motivated
 - In order to use less effort
 - So as to make tasks manageable
 - In order to solve our problems
43. The word **monster** as used in the passage refers to something that;-
- is frightening
 - is discouraging
 - makes life difficult
 - makes us successful
44. Which of the following statements is **not true** according to the passage?
- Your imagination influences your actions
 - Obstacles can make you feel lazy
45. When your mind tells you to abandon what you are doing;-
- do not be tempted to be lazy
 - perform the task easily and energetically
 - see yourself performing the task with ease.
 - take action that will influence your mind
46. Refreshing your mind and body means;-
- improving your life
 - achieving your goals
 - being able to work for long
 - regaining your lost energy
47. Which of the following statements is an example of procrastination?
- Failing to do your assignment
 - Being reminded to do your assignment
 - Completing your assignment late
 - Doing your assignment slowly
48. The phrase "**put off**" as used in the passage means;
- discourage
 - postpone
 - cancel
 - refuse
49. Which of the following is the **best** lesson drawn from the story?
- Laziness should be overcome
 - Laziness must be avoided
 - Laziness ought to be punished
 - Laziness hinders progress
50. A **suitable** title for this passage would be;-
- Consequences of laziness
 - How to overcome laziness
 - Problems of laziness

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SCIENCE

1. Which group of plants consists of non-flowering plants only?
 - A. Carrots, fern, cabbage
 - B. Algae, fern, onion
 - C. Moss, fern, pine
 - D. Fern, algae, grass

2. When breathing out, the:
 - A. diaphragm flattens
 - B. ribs move inwards
 - C. chest cavity swells
 - D. lungs become inflated

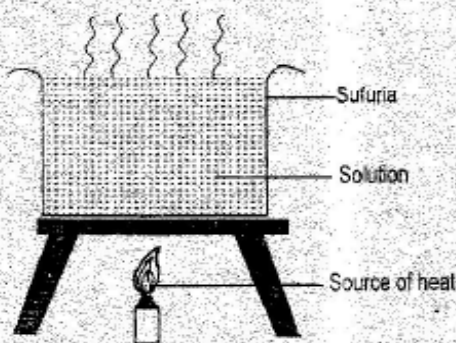
3. The following are signs of pregnancy **except**
 - A. hips broaden
 - B. menstruation stops
 - C. breast become tender
 - D. abdomen enlarges

4. Below are uses of components of air.
 - (i) *Used in germination*
 - (ii) *Extinguishes fire*
 - (iii) *Making of electric bulbs*
 - (iv) *Manufacturing of soft drinks*

Which of the use(s) are common for the gas with 0.03%?

- A. iii only
 - B. i only
 - C. ii, iv
 - D. iii, iv
-
5. When buying drugs from a pharmacy it's necessary to consider all the following **except**
 - A. the dosage
 - B. the expiry date
 - C. the duration to take
 - D. the side effects of the drug

The diagram below shows a method of separating mixtures.



6. Which of the following mixtures can be separated using this method?
 - A. Sand and flour
 - B. Salt and sand
 - C. Sugar and salt
 - D. Salt and glucose

7. The exchange of food nutrients and oxygen from the mother's blood to the foetus' blood occurs through the;
 - A. placenta
 - B. amnion
 - C. oviduct
 - D. uterus

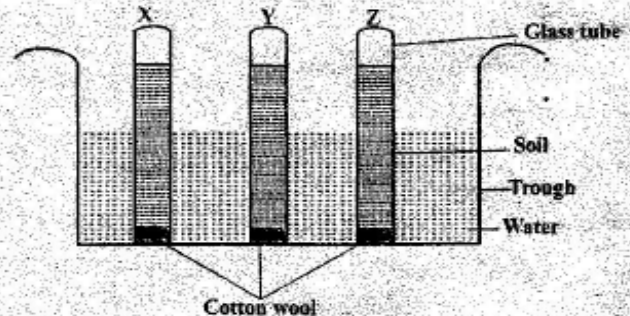
8. Study the food chain below then answer the question that follows:

Grains → rats → snakes → hawks

What would happen if all snakes were killed?

 - A. The hawks would start eating grains
 - B. The number of rats would increase
 - C. There would be an increase in the amount of grains
 - D. The number of hawks would increase

9. The experiment below was carried out by Osotsi, a pupil of Itabalia primary school.

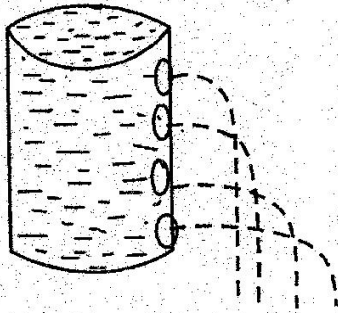


What need **not** to be constant when setting up the experiment? The:

- A. size of glass tubes
 - B. amount of cotton wool
 - C. type of soil
 - D. amount of soil
-
10. The **main** factor to consider when separating a mixture by winnowing is;
 - A. size of particles in the mixture
 - B. big and small particles
 - C. the weight of the particles
 - D. the solubility of particles

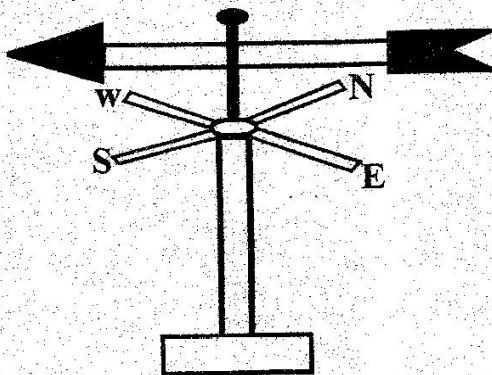
11. Which statement is **incorrect** about a single fixed pulley? The
- load and effort are equal
 - load distance equals effort distance
 - load distance is double the effort distance
 - effort and load move in the opposite directions

12. Andiguri investigated a certain aspect of pressure in liquids. He used the set-up shown in the diagram below.



Which of the following conclusions could **not** be made from the investigation? Pressure in liquids;

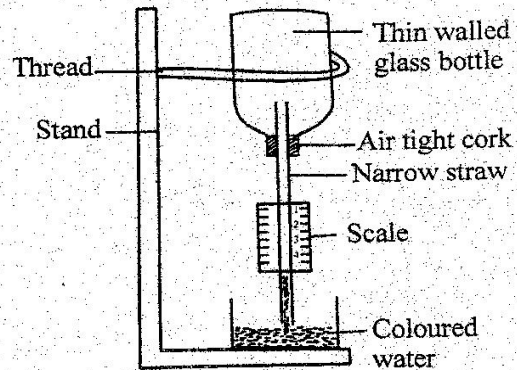
- depends on surface area
 - is equal at the same depth
 - increases with depth
 - is exerted in all directions
13. Below is a weather instrument made by a standard 5 pupil of Mago primary school.



The mistake the pupil made was;

- putting the instrument outside
- labelling the poles
- balancing the weight on both sides
- he made the head face the opposite

The diagram below represents a diagram of a weather instrument.



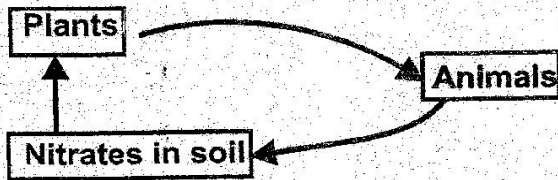
14. The diagram works with the principle that;
- matter occupies space
 - liquids expand when heated
 - matter has mass
 - matter expands when heated
15. Which one of the following factors **does not** affect sinking and floating of an object?
- Material
 - Size
 - Density
 - Joules
16. Among the sources of energy given below which pair is **not** composed of renewable sources of energy?
- Coal and natural gas
 - Wind and sun
 - Firewood and biogas
 - Biogas and charcoal
17. Which one of the following shows transformation of energy in an electromagnet that uses dry cells to pick a pin?
- Chemical → magnetic → electrical → mechanical
 - Chemical → electrical → mechanical → magnetic
 - Chemical → electrical → magnetic → mechanical
 - Chemical → mechanical → electrical → magnetic
18. Which one of the following materials can be separated by using a magnet?
- Copper and aluminium
 - Steel and iron
 - Silver and tin
 - Chromium and nickel

19. The following are signs and symptoms of a certain deficiency disease:

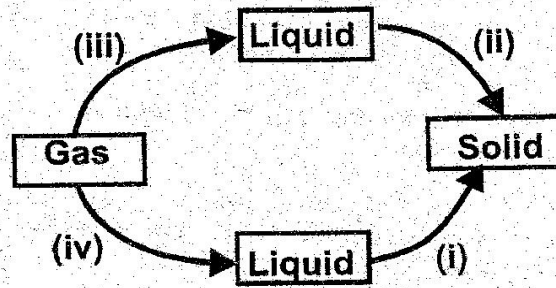
- (i) *Protruding belly*
- (ii) *Visible ribs underneath the skin*
- (iii) *Child cries alot*
- (iv) *The child looks like an old person*

Which diet should be recommended to prevent the above disease?

- A. Ugali, spinach, meat
 - B. Beans, meat, kidney
 - C. Sukuma wiki, spinach, fruits
 - D. Chapati, rice, chips
20. Parturation is a process which involves all the following **except**:
- A. breast feeding
 - B. amnion breaking
 - C. contraction of the uterine walls
 - D. blood getting out through vagina
21. Which group contains **only** magnetic materials?
- A. Coin, aluminium, rubber
 - B. Iron, razor, paper clip
 - C. Copper, tin, staple
 - D. Steel, silver, cobalt
22. The chart below shows a nitrogen cycle. Which one of the following gives the **correct** processes represented by letters c, a and b respectively?



- A. Feeding, death, abortion
 - B. Death, feeding and absorption
 - C. Absorption, death and absorption
 - D. Feeding, absorption and death
23. Which one of the following is the **main** reason for preserving food?
- A. To be used when it is out of season
 - B. To increase yields
 - C. For easy transportation
 - D. To avoid wastage
24. The diagram below shows the effect of heat on matter.



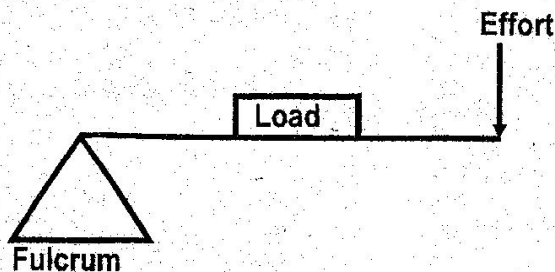
Which process demonstrates the formation of clouds?

- A. i
 - B. ii
 - C. iii
 - D. iv
25. Which one of the following internal parasites is **likely** to be found in the stomach?
- A. Hookworm
 - B. Lungworm
 - C. Roundworm
 - D. Stomach worm
26. The **main** reason for painting a raingauge is to;
- A. help it withstand harsh climate
 - B. make it collect actual amount of rainfall
 - C. prevent collected water from evaporating
 - D. prevent water from the ground, splashing into the raingauge
27. Which one of the following is **not** a sign of food poisoning?
- A. Severe stomachache
 - B. Feeling weak and dizzy
 - C. Headache
 - D. High fever
28. Which one of the following groups consists only of animals that are all attacked by both mites and fleas?
- A. Pigs, rabbits, poultry
 - B. Goats, poultry, pigs
 - C. Cattle, goats, sheep
 - D. Sheep, cattle, rabbits
29. Which of the following is **true** about all forms of matter?
- A. Melt
 - B. Have weight
 - C. Condense
 - D. Have definite shape

30. Among the manures given, which one of them is expensive to prepare and takes long before releasing nutrients in the soil?
- Organic mulches
 - Farmyard manure
 - Compost manure
 - Green manure

31. The initial form of energy in a radio that helps it to produce sound is;
- electrical energy
 - chemical energy
 - light energy
 - heat energy

32. Which of the following levers has the position of load, fulcrum and effort in the same arrangement as the one shown below?

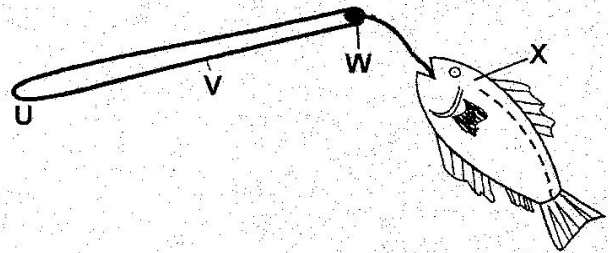


- Wheelbarrow
 - Claw hammer
 - Spade
 - Crow bar
33. In which of the following activities is friction not needed? When;
- sharpening a knife
 - stopping a bicycle
 - sliding a box across a floor
 - grinding grains in a posho mill
34. Below are characteristics of a blood vessel.
- They do not have valves
 - Their walls are very thin
 - They are the tiniest blood vessels
 - They are present in large number throughout the body

Which two characteristics are present for both arteries and capillaries respectively?

- i, iv
- i, iii
- ii, iv
- iii, iv

35. The diagram shows a simple machine, when in use.



To use less effort, which length should be increased?

- UV
- VW
- WX
- UX

36. Which one of the following consists of a pair of conserved animal feeds?

- Pasture and silage
- Hay and silage
- Fodder and hay
- Concentrates and hay

37. Below are advantages of breast milk. Which one of the following is the main reason why a baby should be breastfed? It

- contains antibodies
- is ready when required
- allows bonding between the mother and child
- is easily digested

38. Which one of the following drugs is a stimulant when used in small amount and a depressant when used in large amount?

- Miraa
- Bhang
- Alcohol
- Tobacco

39. Which one of the following should be done to make an air thermometer more sensitive?

- Using coloured water
- Using small markings on the scale
- Using a narrow straw
- Using thick walled glass bottle

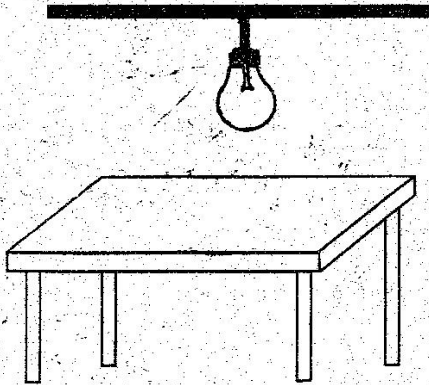
40. Which one marks the beginning of the constructing the solar system model?

- Making clay to show planets
- Fixing wires to show orbits
- Making sketches on the board
- Handing the board

41. Which one of the following is the major component of the environment?
- Water
 - Plants
 - Air
 - Soil

42. Which one of the following is a way of increasing friction on surfaces. Use of;
- ball bearings
 - rubber handles
 - rollers
 - streamlined bodies

43. The diagram below shows a bulb hung above on a ceiling board in a room.



How does the heat reach the table and the ceiling board respectively?

- Convection and conduction
 - Radiation and convection
 - Convection and radiation
 - Conduction and radiation
44. In which of the following instances is water re-used?
- Using the minimum amount of water to wash dishes
 - Repairing of leaking taps, pipes and household
 - Washing farm tools with water left after laundry work
 - Harvesting rain water using gutters and tanks
45. The **least** important reason for maintaining cutting tools is;
- To make them be used regularly
 - To make them last longer
 - To avoid injuries
 - To make them work effectively

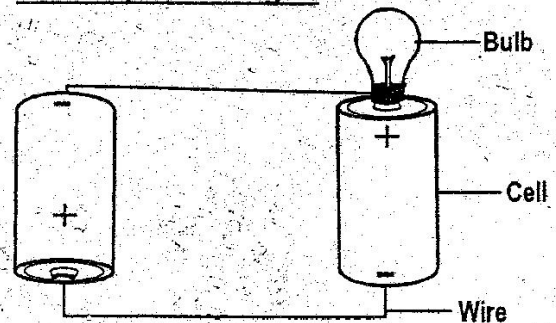
46. The following are signs of unhealthy crops **except**;
- stunted growth
 - discolouration of leaves
 - reduced quality products
 - spots and streaks

47. The following are ways in which air is polluted **except**;
- burning tyres and plastic materials
 - damaging roofs made of iron sheets
 - industrial waste gases
 - gases from vehicles exhaust

48. The ileum part of the alimentary canal are long and coiled in order to;
- join to the large intestines
 - increase the digestion of water and mineral salts
 - increase the surface area for absorption of food
 - occupy a large space in the abdomen

49. Which of the following practices conserves soil moisture?
- Ploughing along the contours
 - Planting across the contours
 - Planting cover crops
 - Making terraces

50. Below is a diagram showing how cells are used to produce light.



Which one of the following statements is **not correct** about the arrangement above?

- The bulb will light brightly
- The positive end of one cell is connected to the negative end of the other cell
- This is a series arrangement of cells
- The bulb uses energy from one cell

STD 8 VIHIGA COUNTY MOCK EXAM

MATHEMATICS

- What is eleven million eleven thousand and eleven written in symbols?
 - 11110011
 - 111100001
 - 11011011
 - 11110011
- What is the square root of 31.36?
 - 0.56
 - 5.6
 - 983.4496
 - 15.68
- What is the place value of digit 7 obtained after working out: $0.2016 \div 2.8$?
 - Thousandths
 - Tenths
 - Ten thousandths
 - Hundredths
- Convert: $4\frac{17}{40}$ to a decimal.
 - 28.4
 - 4.425
 - 44.25
 - 4.174
- Darlington bought a bicycle for sh 20,000. He later sold it at sh 28000. What was his percentage profit?
 - 28
 - $28\frac{4}{7}$
 - 40
 - 140
- Convert 90 m/s to km/h.
 - 25 km/h
 - 20 km/h
 - 50 km/h
 - 324 km/h
- What is $\frac{1}{2}(b+6) + \frac{1}{2}(b-2^2)$ when simplified?
 - $\frac{5}{6}b + 1$
 - $\frac{5}{6}b + 2$
 - 2b
 - $\frac{5}{6}b$
- What is the value of:

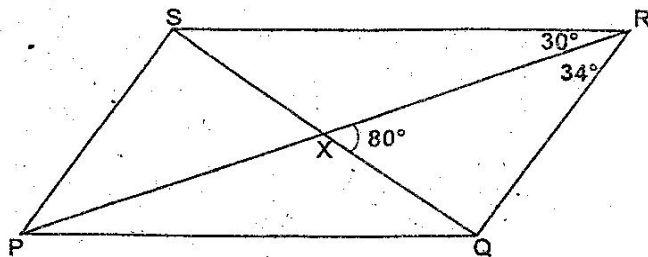
$$\sqrt{\frac{-9 + 16}{100 - 36}}$$
 - $\frac{5}{64}$
 - $\frac{5}{8}$
 - $1\frac{3}{4}$
 - $3\frac{1}{8}$
- Solve for the value of p in the equation:

$$2(p + 2) + \frac{1}{3}(6 - p) = 8$$
 - 2
 - 7
 - 14
 - 4
- What is the value of:

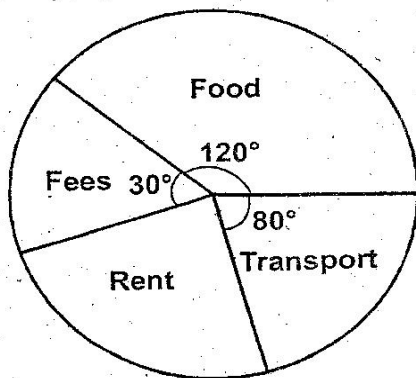
$$\frac{2}{3} \text{ of } (7\frac{1}{2} \div 2\frac{1}{2} \times 1\frac{2}{3}) \div \frac{1}{3} - 3\frac{4}{7}$$
 - $6\frac{3}{7}$
 - $7\frac{4}{7}$
 - $5\frac{3}{7}$
 - $5\frac{4}{7}$
- Arrange the fractions $\frac{4}{7}, \frac{2}{5}, \frac{5}{9}, \frac{3}{8}$ from the smallest to the largest.
 - $\frac{3}{8}, \frac{2}{5}, \frac{5}{9}, \frac{4}{7}$
 - $\frac{2}{5}, \frac{3}{8}, \frac{4}{7}, \frac{5}{9}$
 - $\frac{4}{7}, \frac{5}{9}, \frac{2}{5}, \frac{3}{8}$
 - $\frac{5}{9}, \frac{4}{7}, \frac{2}{5}, \frac{3}{8}$
- Venesah is twice as old as Diana and eight years younger than Victor. If Venesah is x years old, which one of the following expressions represents the sum of their ages?
 - $2x - 8$
 - $\frac{5}{2}x + 8$
 - $\frac{5}{x} - 8$
 - $2x + 8$
- A cylindrical tank has a diameter of 1.4 m and a height of 4.5 m. How much water does it hold when half full?
 - 3.465 m^3
 - 34.65 m^3
 - 6930 cm^3
 - 6.930 m^3
- Fifteen painters can paint a number of houses in 12 days. If the number of painters increased by 5, how many less days would it take the painters working at the same rate to paint the houses?
 - 24
 - 9
 - 4
 - 3
- A closed cylinder has a radius of 35 cm and a height of 15 cm. Find its total surface area. (Take $\pi = \frac{22}{7}$)
 - $11,000 \text{ cm}^2$
 - 7920 cm^2
 - 3300 cm^2
 - 7700 cm^2

16. At the beginning of the year 1999, there were 1010 men and 1224 women in a constituency. At the end of that year 125 men and 141 women went to seek jobs at a certain town. In 2000, 115 men and 84 women died. What was the population of the constituency by the end of the year 2000
- A. 2100 B. 1769
C. 2234 D. 1968

17. PQRS is a parallelogram. Its diagonals intersect at X. Calculate the value of angle PSR.



- A. 116° B. 100°
C. 80° D. 130°
18. The pie-chart below shows how Ayuma spent her salary of sh 18000. How much more did she spend on rent than on transport?



- A. sh 6500 B. sh 6000
C. sh 2000 D. sh 2500
19. A number of hectares was shared amongst three sons in the ratio 2:3:4. If the smallest share was 16 hectares, how big was the land in hectares?
- A. 172 ha B. 80 ha
C. 72 ha D. 96 ha

20. Tom had sh 12000. He saved $\frac{1}{3}$ of the money and used $\frac{3}{5}$ of the remainder for food. He used the rest to pay electricity bill. How much did he use to pay the electricity bill?
- A. sh 4800
B. sh 4000
C. sh 3200
D. sh 500

21. The perimeter of a square garden is 44 metres. What is the area of the garden in square metres?
- A. 484 B. 122
C. 121 D. 11

22. A rectangular container measures 4 m by 3 m by 500 cm. The container is completely filled with 0.5 m long cubic. How many such packets are needed to fill $\frac{1}{2}$ of the container?
- A. 240
B. 180
C. 480
D. 36000

23. A shop - keeper bought the following items from the wholesaler:

- Two bales of maize flour @ sh 1250
- Two sacks of sugar @ sh 3600
- Three cartons of cooking fat for sh 1000

If he paid using eleven one thousand shillings notes, how much balance did he get?

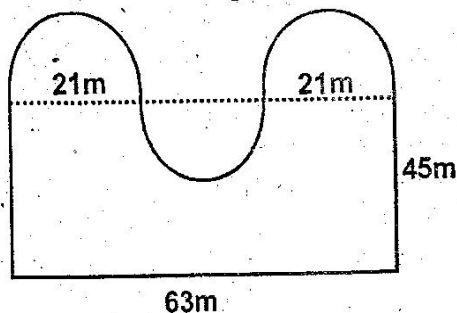
- A. sh 2300 B. sh 300
C. sh 700 D. sh 1000

24. What is the value of:

$$\frac{6^2 + 3^2 + 7}{9}$$

- A. $7\frac{3}{7}$ B. $5\frac{7}{9}$
C. 12 D. 8

25. The figure below represents a vegetable garden. It was fenced using $2\frac{1}{2}$ strands of wire. What was the length of the wire used?

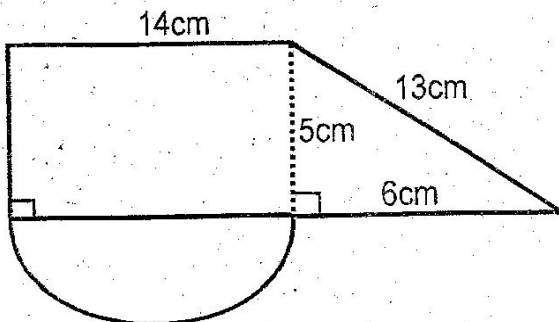


- A. 252
B. 504
C. 756
D. 630
26. The following information was collected by a kiosk owner on types of sweets eaten by std 3 pupils during a sports day.

Type of sweets	Lolly pop	Milk chew	Big G	Double fresh	Ball gums
Number of sweets	52	29	38	54	70

- Which type of sweet was most popular on that day?
- A. Lolly pop
B. Ball gums
C. Milk chew
D. Double fresh
27. Construct a parallelogram WXYZ such that lines $YZ = 7$ cm, $WZ = 5$ cm and angle $YZW = 45^\circ$. What is the length of a half the diagonal YW?
- A. 5.0 cm
B. 2.5 cm
C. 5.5 cm
D. 11.0 cm

28. Find the area of the figure below.



- A. 162 cm^2
B. 135 cm^2
C. 324 cm^2
D. 85 cm^2

29. What is the value of:

$$\frac{x + y + 2(3 - x)}{z - y}$$

given that $x = 2$, $y = x + 4$ and $z = \frac{1}{2}y$

- A. $3\frac{1}{3}$
B. 8
C. $2\frac{1}{3}$
D. 3
30. In a certain leap year, 16th February was a Wednesday. What day was 1st July the same year?
- A. Wednesday
B. Thursday
C. Friday
D. Saturday
31. The area of the right angled triangle is 120 m^2 . The length of the shortest side is 10 m. What is the length of the longest side?
- A. 24 m
B. 26 m
C. 12 m
D. 34 m
32. The marked price of a shirt was sh 4000. Muriuki bought the shirt at sh 3250. What was his percentage discount?
- A. 18.75%
B. 17.5%
C. 19.25%
D. 18.05%
33. What is the next number in the pattern: 4, 19, 25, 49, 121, 169, _____?
- A. 225
B. 196
C. 289
D. 286
34. A company gives a commission on sales above sh 100,000. In a certain month, a sales girl received a commissions of sh 36000 after selling goods worth sh 800000. What was the percentage commission offered?

- A. 36
B. 4
C. $4\frac{1}{2}$
D. $5\frac{1}{7}$

35. A std 8 pupil read $\frac{1}{2}$ of a story book on Monday, $\frac{1}{3}$ on Tuesday and $\frac{1}{2}$ of the remainder on Wednesday. The rest was read on Thursday. If he read 36 pages on Thursday, how many more pages did he read on Tuesday than Wednesday?

- A. 432 B. 144
C. 108 D. 36

36. The cash price of a radio is sh 8000. The hire purchase price is 50% more than the cash price. Aluda bought it on hire purchase by paying a deposit of sh 2400 and equal monthly instalments of sh 800. In how many months did he pay the instalments?

- A. 18 B. 15
C. 12 D. 10

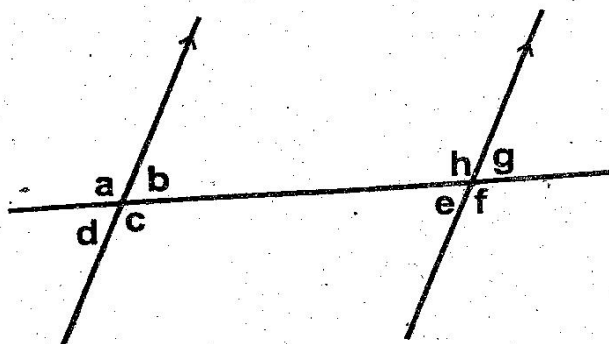
37. Andeso withdrew all her money from Equity Bank which was charging a simple interest rate of 30% per year. If she had deposited sh 20000, how long did the money stay in Equity Bank. if she withdrew sh 26000 as the total amount?

- A. 1 years
B. 2 years
C. 7 years
D. 6 years

38. The masses of 8 pupils in a class are 36 kg, 48 kg, 35 kg, 44 kg, 37 kg, 36 kg, 41 kg and 34 kg. What is the median mass of the pupils?

- A. 40.5 kg B. 36.5 kg
C. 36 kg D. 37 kg

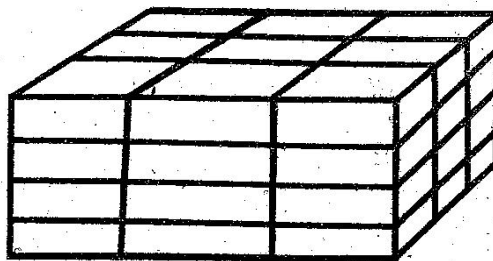
39. In the figure below lines AB and CD are parallel. Line is a transversal,



Which of the statements below is incorrect?

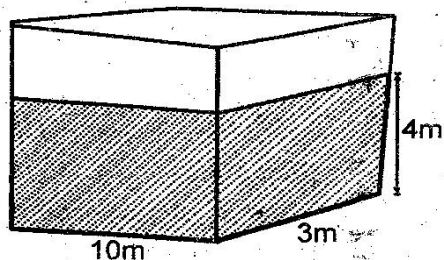
- A. $d + b = e + f$ B. $a + b = f + g$
C. $c + e = 180^\circ$ D. $d = e$

40. How many cubes are painted on two faces if the stack was dyed?



- A. 16 B. 20
C. 8 D. 12

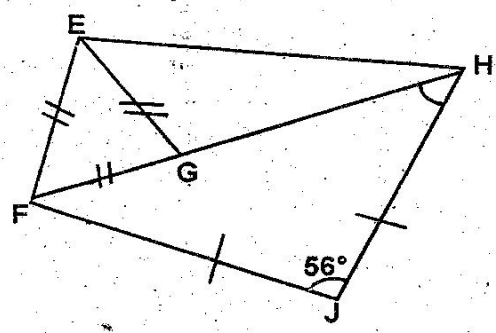
41. The cuboid below is filled with water $\frac{3}{4}$ of its height. What is the amount of water in the tank in litres?



- A. 90000 litres B. 120000 litres
C. 90 litres D. 120 litres

42. What is the ratio 5:8 expressed as a decimal?
 A. 0.58 B. 0.625
 C. 0.13 D. 1.6
43. Bells ring at intervals of 6 mins, 12 mins, 30 mins. If they ring together at 8.00 am, at what time will they ring for the third time?
 A. 180 mins B. 9.00 a.m
 C. 8.00 am D. 10.00 a.m
44. Construct triangle **ABC** in which **AB = 5 cm** angle **ABC = 110°**, and **BC = 6.8 cm**, Join **A** to **C**. what is the measurement of line **AC**?
 A. 9.5 cm B. 110 cm
 C. 10 cm D. 12 cm
45. The level of water in a school tank decreased by 2 % each hour. If the capacity of water in the tank was 1600 litres, what was the capacity after 2 hours?
 A. 1664.64 litres
 B. 15.3664 litres
 C. 1568 litres
 D. 1536.64 litres

46. In the figure below, line **ER = FG = GH**. **FGH** is a straight line and **FJ = JH**. Angle **FJH = 56°**. What is the size of angle **JHG**?



- A. 122° B. 92°
 C. 62° D. 30°
47. What is the difference between the HCF of 42, 70, 112 and 24, 36, 48?
 A. 2 B. 7
 C. 14 D. 4

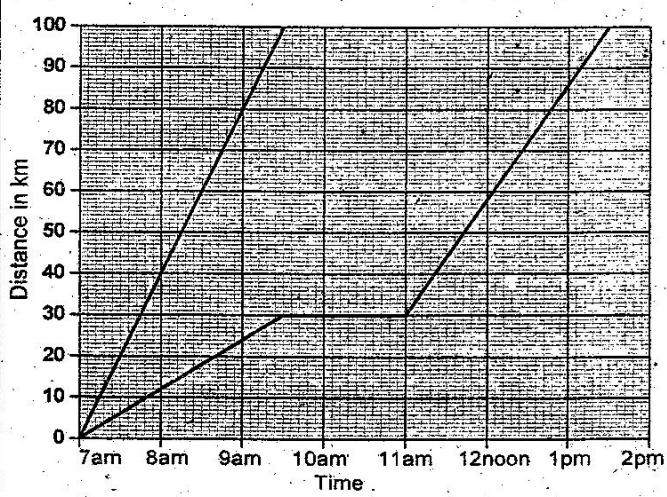
48. On a map whose scale is 1:50000, a rectangular plot measures 3 cm by 2 cm. What is the actual area of the plot in hectares?
 A. 1500 B. 150
 C. 15 D. 15000

49. The table below shows the number of pupils and their shoes sizes.

No. of pupils	24	18	36	28	30	12
Shoes size	2	3	4	5	6	7

- Which is the modal shoe size?
 A. 4 B. 2
 C. 7 D. 6

The graph below shows how two J motorists P and Q travelled from town K to S. Use it to answer the question that follows.



50. What is the difference between their average speeds?
 A. $3\frac{2}{7}$ km/h B. $10\frac{5}{7}$ km/h
 C. $28\frac{2}{7}$ km/h D. 25 km/h