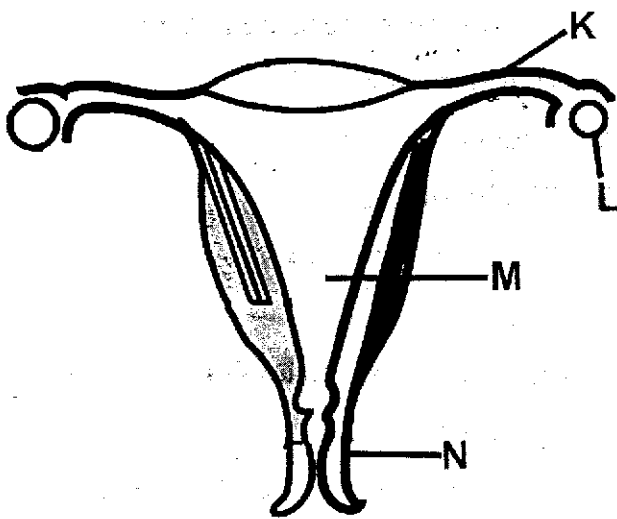


# GATUNDU DISTRICT EXAMINATION STANDARD SIX MID TERM II - 2016 SCIENCE

Time: 1 hour 40 Min

1. The diagram below represents the reproductive system of the female body.



Fertilization takes place in the part labeled \_\_\_\_\_.

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

2. In the human body water and mineral salts are absorbed in the \_\_\_\_\_.

- |           |            |
|-----------|------------|
| A. Ileum  | B. colon   |
| C. Rectum | D. Stomach |

3. The type of tooth shown below is used for \_\_\_\_\_.



- A. Slicing and crushing
- B. Gripping and ripping
- C. Piercing and tearing
- D. Biting and gripping

4. Which of the following is not an effect of HIV to an individual?

- A. Low self esteem
- B. Low living standards
- C. Children become orphans
- D. person feels ashamed

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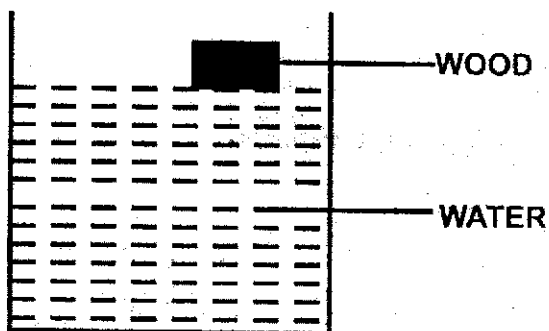
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Patron: Hon. Moses Kuria, MP Gatundu South

5. Which of the following is not a preventive measure against rape?
- A. Not accepting invitations from strangers
  - B. Reporting strangers who may want to kiss you
  - C. Walking in dark paths
  - D. Avoiding going to strangers

6. Which one of the following is not a change of state? \_\_\_\_\_
- A. Boiling of water to steam
  - B. Melting of ice to water
  - C. Freezing of water to ice
  - D. Crushing of a stone to form powder

7. The object shown below floated due to \_\_\_\_\_



- A. Weight
- B. Mass
- C. Material
- D. Shape

8. Which of the following pairs shows a set of sinkers only? \_\_\_\_\_
- A. Glass and paper clip
  - B. Small stone and maize cob
  - C. Piece of wood and wax
  - D. Pin and paper

9. Which one of the following shows the correct order of change of state?

- A. Solid- gas- liquid
- B. Solid- liquid- gas
- C. Gas- solid- liquid
- D. Liquid- solid- gas

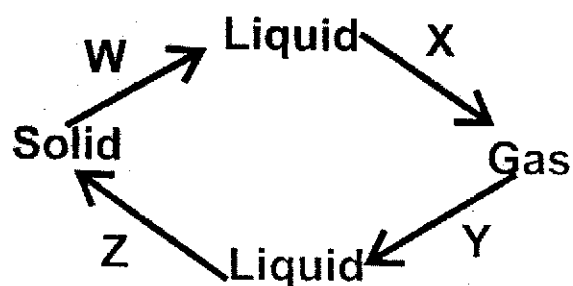
10. Temperature is measured using a

- A. Thermometer
- B. Insulator
- C. Conductor
- D. Metal ball and ring

11. Which of the following has no definite mass? \_\_\_\_\_

- A. Water vapour
- B. Kerosene
- C. Ice cream
- D. Flour

12. Use the diagram below to answer questions that follows



The process marked X is called \_\_\_\_\_

- A. Evaporation
- B. Melting
- C. Freezing
- D. Condensation

13. Three of the following are used for water transport. Which one is not?

43. When inhaling the \_\_\_\_\_.
- A. Diaphragm flattens
  - B. Lungs shrink
  - C. Diaphragm becomes dome shaped
  - D. Volume of the chest decreases

44. Killing water snail found in stagnant water is a way of preventing \_\_\_\_\_.

- A. Typhoid
- B. Dysentery
- C. Bilharzia
- D. Cholera

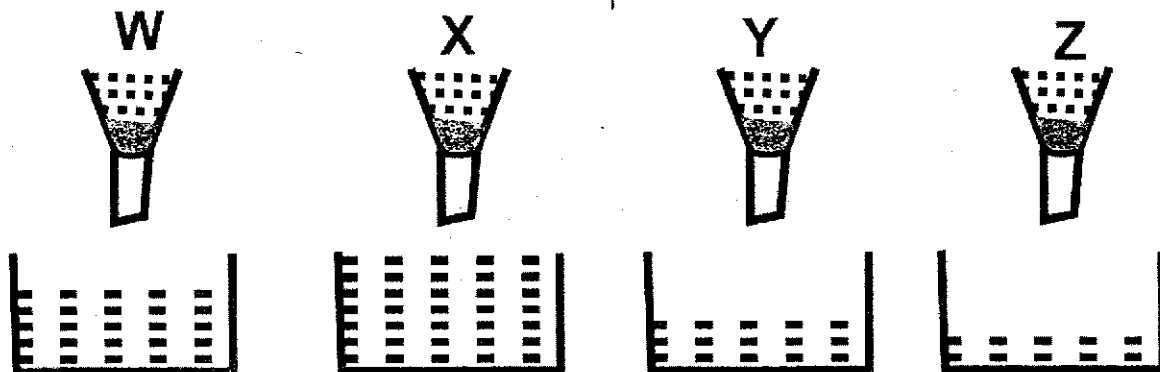
45. Kimani had the following signs and symptoms.

- i. Violent diarrhoea with mucus
- ii. Severe abdominal pains
- iii. Vomiting

Which disease was kimani likely to be suffering from? \_\_\_\_\_.

- A. Marasmus
- B. bilharzias
- C. Typhoid
- D. cholera

46. Three of the following are domestic uses of water EXCEPT one. Which one is it?



- A. It is used for watering crop gardens
- B. It is used for transporting goods
- C. It is used for washing clothes
- D. It is used for cooking

47. Which one of the following groups of foods are sources of proteins? \_\_\_\_\_.

- A. Arrow roots, fish and sweet potatoes
- B. Peas, fish and eggs
- C. Cheese, rice and eggs
- D. Maize, rice and wheat

48. A substance that is taken into the body to maintain good health is called \_\_\_\_\_.

- A. Nutrient
- B. food
- C. balanced diet
- D. protein

49. Study the diagram below and answer the questions below.

Which one of the following set up shows that soil can be easily flooded?

A. W

B. Z

C. X

D. Y

50. When a solid is heated and becomes bigger it is said to have

A. Contracted

B. Melted

C. Condensed

D. Expanded

# GATUNDU SUB-COUNTY EXAMINATION STANDARD SIX MID TERM II - 2016 KISWAHILI

Muda: Saa 1 dakika 40

Soma kifungu hiki na ujaze nafasi 1-15 kwa mujibu sahihi

\_\_\_\_\_ 1 \_\_\_\_\_ chungu mekoni, \_\_\_\_\_ 2 \_\_\_\_\_ nanga kuelekea mjini. \_\_\_\_\_ 3  
ndiko nilikutana na \_\_\_\_\_ 4 \_\_\_\_\_ zaidi ya \_\_\_\_\_ 5 \_\_\_\_\_ walioninyang'anya  
pesa zote. Nilijaribu kupiga \_\_\_\_\_ 6 \_\_\_\_\_ lakini sikumpata \_\_\_\_\_ 7 \_\_\_\_\_ wangu.  
\_\_\_\_\_ 8 \_\_\_\_\_ macho na kuitazama \_\_\_\_\_ 9 \_\_\_\_\_ na kusema "Mungu,  
nimekupa \_\_\_\_\_ 10 \_\_\_\_\_ wangu, tenda kusudi \_\_\_\_\_ 11 \_\_\_\_\_." Nilihema kwa  
\_\_\_\_\_ 12 \_\_\_\_\_ \_\_\_\_\_ 13 \_\_\_\_\_ sikutarajia mkasa huo kunikumba. Mtaani \_\_\_\_\_ 14  
kuna wezi kumi \_\_\_\_\_ 15 \_\_\_\_\_

B.

C.

D.

1. nilipoinjika	nilipowekelea	nilipolalisha	nilipoitwika
2. nilitia	niling'oa	nilitoa	nilienda
3. hapo	humo	hiyo	huko
4. wajambazi	mikora	wakora	waizi
5. tano	wasita	wanne	moja
6. unyende	duru	sauti	kelele
7. mtu	msamaria	mungu	mama
8. Nilifungua	Nilifunga	Nilifumbua	Nilifumba
9. jua	mawingu	mbingu	mwangaza
10. moyo	roho	maisha	huruma
11. yako	lako	wako	zako
12. uwoga	uofu	woga	uoga
13. kwasababu	kwa sababu	kwa vilevile	venye
14. kwenyewe	mwenyewe	penyewe	yenyewe
15. waliouwawa	waliuwawa	wanaouawa	waliouawa

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**Jibu maswali 16-30 kulingana na maagizo**

16. Andika sentensi hii katika hali ya wingi.

**Uongo wake haukumsaidia**

- A. Maongo yake hayakumsaidia
- B. Maongo yao hayakuwasaidia
- C. Uongo wao haukumsaidia
- D. Uongo wao haukuwasaidia

17. Chagua udogo wa:

**Juso hilo linatisha**

- A. Juso hilo linatisha
- B. Kijuso kile kinatisha
- C. Kijuso hicho kinatisha
- D. Uso huo unatisha

18. Akisami hii  $\frac{8}{9}$  huitwa \_\_\_\_\_.

- A. Subui nane
- B. Tusui nane
- C. Thumni tisa
- D. Tisa kwa nane

19. Kikembe cha punda ni kihongwe, ilhali kikembe cha papa ni \_\_\_\_\_.

- A. kinengwe
- B. kiyoyo
- C. kingonyo
- D. kinda

20. Sauti ya katikati au mwisho wa beti za ushahi huitwa \_\_\_\_\_.

- A. mizani
- B. kibwagizo
- C. vina
- D. mishororo

21. Sukari iliyopo kwenye gunia ni nanga sana usemi huo humaanisha \_\_\_\_\_.

- A. ni nzito sana
- B. ni tamu sana
- C. ni nyingi sana
- D. ni kidogo sana

22. Ukiambiwa makiwa utajibu \_\_\_\_\_.

- A. mwenzetu
- B. yametupata
- C. makiwa
- D. tunayo

23. Chagua orodha isiyoorodhesha viungo vya upishi \_\_\_\_\_.

- A. Tangawizi, mnyanya
- B. Mdalasini, chumvi
- C. Pilipilihoho, karafuu
- D. Bizari, iliki

24. Mwenye uwezo kama vile Mungu ni \_\_\_\_\_ na \_\_\_\_\_ ni jiwe kubwa au mwamba.

- A. Mungu, ngumu
- B. Jabari, Mungu
- C. Jabali, jabari
- D. Jalali, jabali

Siku hizi michezo ya kuigiza imepamba moto. Sehemu za burudani zimechukua fursa hii kuwavutia wateja ambao hujiburudisha kwa kuchekeshwa. Ni jukumu letu sote kupenda michezo kwa afya bora.

41. Chanzo asili cha michezo si pamoja na \_\_\_\_\_
- A. kujichangamsha
  - B. kupata pesa
  - C. kupoteza wakati
  - D. kujifurahisha
42. Michezo inaweza kukuletea vifuatavyo isipokuwa \_\_\_\_\_
- A. kupata pesa nyingi
  - B. kupata sifa tele
  - C. kutangamana na watu
  - D. kufuja pesa nyingi
43. Mbio za nyika bila shaka ni \_\_\_\_\_
- A. mbio za masafa marefu
  - B. mbio za kuenda nyikani
  - C. mbio za masafa mafupi
  - D. mbio fupi fupi
44. Nchi yetu haijapata sifa katika \_\_\_\_\_
- A. mbio za nyika
  - B. mbio za masafa marefu
  - C. mbio za mwendo mrefu
  - D. michezo ya riadha
45. Mpira wa miguu hauwezi kuitwa \_\_\_\_\_
- A. dimba
  - B. kandanda
  - C. soka
  - D. kabumbu
46. Mchezo wa kandanda huwa na jumla ya washiriki wangapi uwanjani?
- A. 11
  - B. 22
  - C. 23
  - D. 25
47. Timu zikitoka sare tasa ina maana \_\_\_\_\_
- A. zimefungana mabao sawa
  - B. hazijafungana bao lolote
  - C. kuna mshinde na mshindi
  - D. zimevaa sare zinazofanana
48. Timu inaweza kupata ushindi kwa kuigiza mabao mengi \_\_\_\_\_
- A. ndani
  - B. nje
  - C. kimiani
  - D. ugani

49. Vijana wameonywa dhidi ya mchezo wa miereka kwa sababu \_\_\_\_\_

- A. huchezwa na watu wazima
- B. ni mchezo wa kuigiza
- C. hauna mashabiki wengi
- D. unaweza kusababisha kifo

50. Michezo ya kuigiza katika sehemu za burudani hutumiwa \_\_\_\_\_

- A. kuwachekesha watu
- B. kuwafurahisha watu
- C. kama kivutio cha wateja
- D. kupotezea wakati



25. Tumia kiashiria kisisitizi kukamilisha sentensi ifuatayo  
Mwanamke \_\_\_\_\_ ndiye aliyeshinda tuzo ya nobeli.  
A. huyu huyu  
B. utu huyu  
C. yuyu huyu  
D. huyo huyo
26. Majira ya mvua ndogondogo huitwa \_\_\_\_\_  
A. mchoo  
B. masika  
C. kipupwe  
D. mawanga
27. Nomino kengele hupatikana kwenye ngeli ipi?  
A. KI-VI  
B. LI-YA  
C. I-ZI  
D. U-ZI
28. Tumia kivumishi cha pekee -enye kwa usahihi.  
Kuamkua \_\_\_\_\_ adabu kulimfanya Isabella apendwe na watu wote mtaani.  
A. kwenyewe  
B. penye  
C. kwenye  
D. penyewe
29. Sehemu kortini kama sanduku ambamo mshtakiwa au mshtaki husimama huitwa \_\_\_\_\_  
A. kizimba  
B. rumande  
C. korokoro  
D. gereza
30. Kutokana na nomino mfinyanzi tunapata kitenzi \_\_\_\_\_  
A. Finyanzi  
B. Finya  
C. Finyanga  
D. Finyafinya

**Soma taarifa ifuatayo kisha ujibu swali la 31-40**

"Mgeni wetu wa heshima, naibu waziri wa elimu, mkurugenzi wa elimu katika kaunti, mheshimiwa mbunge jimboni, mkuu wa elimu jimboni, viongozi wengine, wanakamati wa shule, walimu, wazazi na wanafunzi Masalkheri? Leo ni siku ya furaha kuu shuleni mwetu. Karibuni nyote; Binafsi nina furaha riboribo kwa kuja kwenu. Tunawapongeza

wanagenzi wetu waliotia fora katika masomo. Kwa kweli, siku hii ni muhimu kwa walimu, wazazi na hata wanafunzi. Leo, tunawatunza wanafunzi waliofanya vyema katika mthani wao. Kwa kweli mgaagaa na upwa hali wali mkavu na mcheza kwao hutuzwa. Ili jambo jema liwepo ni sharti bidii itangulie. Kwa waliofanya bidii, hii ni siku ya mavuno maridhawa. Ninaona machozi ya furaha yakiwalengalenga.

Kwa wale ambao hawakutuzwa leo, amueni kufanya kazi kwa bidii na mtaweza kuinua hali ya masomo yenu. Tungependa kuwaona wanafunzi wengine tofauti wakipata zawadi wakati ujao. Hii ina maanisha kila mmoja afanye bidii ili kiwango cha masomo kiinuke shuleni humu.

Kwa walimu, hongereni kwa kazi njema mliyoifanya pamoja na wazazi, tunamhimiza muendeleo hivyo hivyo. Wazazi, endeleeni kuwahimiza watoto wenu kufanya bidii na kushirikiana na walimu kwa vyovyote vile. Elimu ndio ufunguo wa maisha. Kwa wageni wetu shukrani kwa kutii mwaliko wetu. Asanteni zaidi kwa kuthamini elimu na siku ya leo. Mola awabariki."

31. Hotuba hii ilitolewa wakati gani?

- A. Mchana
- B. Asubuhi
- C. Usiku
- D. Alasiri

32. Mgeni wa heshima katika mkutano huu alikuwa ni \_\_\_\_\_.

- A. mkurugenzi wa elimu katika kaunti

- B. mgeni wa heshima
- C. naibu wa waziri wa elimu
- D. mbunge

33. Sababu ya mkutano huu ilikuwa ni \_\_\_\_\_.

- A. kuwashukuru wanafunzi
- B. kuwapongeza wanafunzi
- C. kuwatunza wanafunzi waliofanya vyema
- D. kujenga shule

34. Aliyekuwa akitoa hotuba ni \_\_\_\_\_

- A. Mwalimu mkuu
- B. Mbunge
- C. Mkuu wa elimu
- D. Hatujaambiwa

35. Neno maridhawa limepigwa mstari linamaanisha \_\_\_\_\_

- A. Mazuri
- B. Mengi
- C. Mabaya
- D. Makubwa

36. Methali

**Mgaaga na upwa hali wali mkavu inaonyesha kwamba \_\_\_\_\_**

- A. Ukiwa na mpwa atakusaidia
- B. Ukifanya bidii utafanikiwa zaidi
- C. Ukifanya vizuri utasaidika
- D. Ukiwa mwema watu watakusaidia

37. Ni kweli kusema kwamba \_\_\_\_\_

- A. Wanafunzi wote walitunzwa
- B. Wanafunzi wote walifanya bidii

C. Wazazi hawachangii kupita kwa watoto wao.

D. Wanafunzi waliopewa zawadi na wale ambao hawakufanya vyema zaidi walizungumziwa.

38. Wageni walioudhuria \_\_\_\_\_

- A. walikuwa wamealikwa
- B. walikuwa na watoto huko shuleni
- C. hawakudhamini elimu
- D. waliwapatia wanafunzi zawadi

39. Wazazi hawakushauriwa \_\_\_\_\_

- A. kuhimiza watoto wao kufanya bidii
- B. kuwa mfano mwema kwa watoto wao
- C. kushirikiana na walimu
- D. kuthamini masomo

40. Ni methali gani inaweza kutumiwa katika habari hii?

- A. Baada ya dhiki ni faraja
- B. Tamaa mbele mauti nyuma
- C. Juhudi si pato
- D. Kikulacho ki nguoni mwako.

**Soma taarifa ifuatayo kisha ujibu maswali 41-50**

Chanzo asili cha michezo kilikuwa ni kujifurahisha, kujichangamsha au kupoteza wakati.

Siku hizi, michezo ni kazi kama kazi nyingine ambazo zimewaletea wachezaji manufaa

makubwa ya fedha na kupata sifa chekwachekwa.

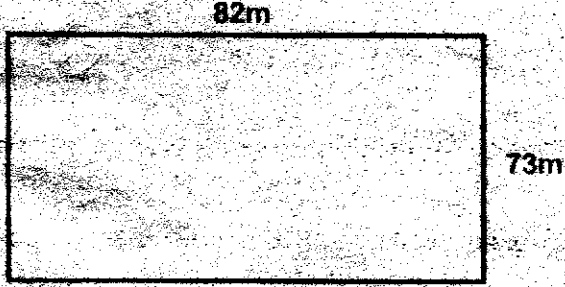
Mchezo wa riadha umekuwa maarufu sana nchini Kenya. Kenya imesifika katika dunia yote kwa mbio za nyika. Wanariadha kama Pamela Jelimo, Samuel Wanjiru, Paul Tergat, Winfred Bungei, William Yampoy na wengine wengi wameiletea sifa nchi yetu na kubadilisha maisha yao kwa kujishindia kitita cha pesa. Mchezo huu unahitaji mazoezi makali sana ili kuweza kustahimili mwendo mrefu wa kukimbia. Kile ambacho wanariadha wetu wameshindwa ni mbio fupifupi kama vile mita mia moja, mia mbili na mbio za kupokezana vijiti.

Kandanda ni mchezo ambao umejitokeza kuwa maaufu sana nchini kwa wazee na vijana. Una mashabiki wengi sana ambao hushangilia timu fulani. Mchezo huu huzua hisia kali sana ambapo mashabiki wameonekana wakizabana makonde kwa sababu ya timu fulani kushinda au kushindwa. Wengine huchukiana na kuwa maadui kamili kwa sababu ya kuwa upande mwingine kinyume na wengine. Mchezo huu huchezwa na wachezaji kumi na mmoja kila upande na kuna mwamuzi anayehakikisha kuwa sheria zinafuatwa akisaidiwa na wapeperusha bendera wawili. Mshindi hupatikana wakati timu moja inapoingiza mabao mengi zaidi kimiani. Timu zote zikifungana mabao sawa, tunasema zimetoka sare na endapo hakuna timu iliyofunga bao lolote tunasema kuwa zimetoka sare tasa.

Michezo mingine kama miereka na ndondi inaweza kuwa hatari sana. Watoto wanashauriwa wasishiriki miereka kwa sababu unaweza kusababisha mauko. Miereka inayoonyeshwa runingani ni mchezo wa kuigiza kwa hivyo ukiwaiga utaumia vibaya sana.

**GATUNDU DISTRICT EXAMINATION  
STANDARD SIX MID- TERM II - 2016  
MATHEMATICS**

Time: 2 hours

1. What is three hundred thousand, three hundred and thirty one written in numerals.  
A. 300 331  
B. 300 333  
C. 303 001  
D. 30 330
2. What is the place value of digit 6 in the number 345.7261?  
A. Thousands  
B. Hundredths  
C. Thousandths  
D. Tenths
3. Work out  $2460530 - 172\ 829$ .  
A. 228701  
B. 2287701  
C. 2312319  
D. 287701
4. Work out  $3285$  divide by 15.  
A. 209  
B. 220  
C. 229  
D. 219
5. What is the total value of digit 5 in the number 563 498?  
A. 500,000  
B. 5  
C. 5,000  
D. hundred thousand
6. Round off 86 and 56 to the nearest 10 and then multiply.  
A. 4000  
B. 4816  
C. 5400  
D. 4800
7. The class 6 pupils in Matopeni Primary school were made to stand exactly in rows of 8, 12 or 14. What is the least number of pupils in that class?  
A. 1344  
B. 168  
C. 2  
D. 34
8. Add thirty six thousand nine hundred and fifty eight to four hundred and twenty thousand and seven.  
A. 456 955  
B. 456 965  
C. 420 007  
D. 426 969
9. Work out the perimeter of the figure below.  


82m

73m

A. 310m                      B. 155m  
C. 5986m                    D. 301m

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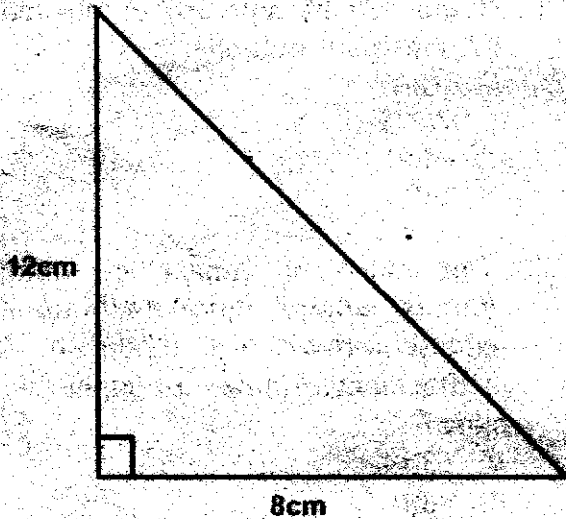
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Patron: Hon. Moses Kuria, MP Gatundu South

10. Add  $28.381 + 0.82 + 328.81$ .

- A. 439.191                      B. 61.344  
C. 358.011                      D. 358011

11. Work out the area of the triangle below.



- A.  $96\text{cm}^2$   
B.  $48\text{cm}^2$   
C.  $96\text{cm}$   
D.  $48\text{cm}$

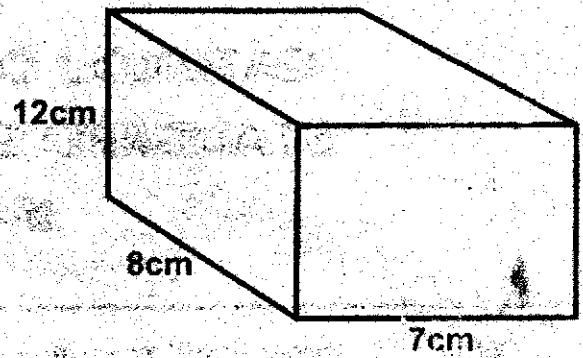
12. Work out  $5\frac{1}{6} - 1\frac{1}{4} + 3\frac{1}{3}$

- A.  $9\frac{3}{4}$                       B.  $9\frac{1}{4}$   
C.  $7\frac{1}{4}$                       D.  $\frac{7}{12}$

13. A dairy farmer sells 5.6 litres of milk daily. How many litres does he sell in the month of July?

- A. 173.6L                      B. 168L  
C. 17.36L                      D. 16.8L

14. What is the volume of the cuboid below?



- A.  $672\text{cm}^2$   
B.  $572\text{cm}^2$   
C.  $672\text{cm}^3$   
D.  $572\text{cm}^3$

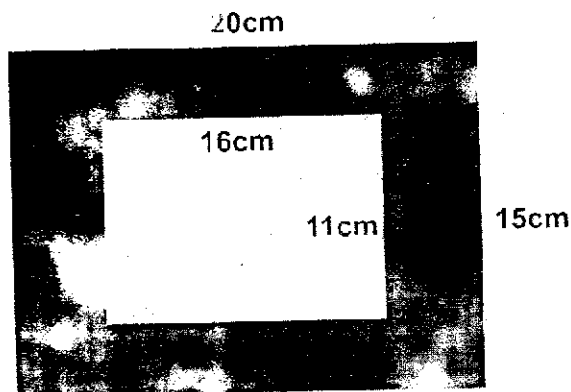
15. Simplify  $4(3x + 2y) + 3(3x - 2y)$

- A.  $21x + 14y$   
B.  $21x + 2y$   
C.  $3x - 2y$   
D.  $21x - 2y$

16. John had shs. 54672 to share equally among his 24 workers. How much money did each worker receive?

- A. Sh. 2078  
B. sh. 2387  
C. sh. 2287  
D. sh. 2278

17. Calculate the area of the shaded region.

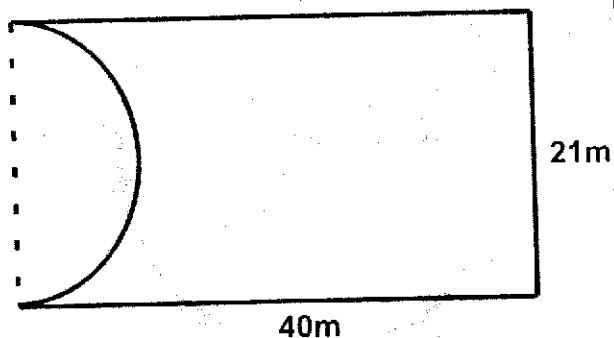


- A.  $124\text{cm}^2$
- B.  $176\text{cm}^2$
- C.  $300\text{cm}^2$
- D.  $476\text{cm}^2$

18. Express  $\frac{12}{16}$  as a percentage.

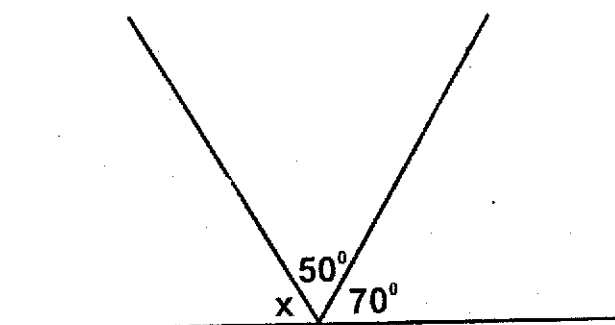
- A. 25%
- B. 95%
- C. 75%
- D. 30%

19. What is the distance round the figure below?



- A. 113m
- B. 134m
- C. 33m
- D. 101m

20. What is the size of the angle marked x?



- A.  $50^\circ$
- B.  $70^\circ$
- C.  $120^\circ$
- D.  $60^\circ$

21. What is the sum of the prime numbers between 20 and 30?

- A. 52
- B. 50
- C. 125
- D. 6

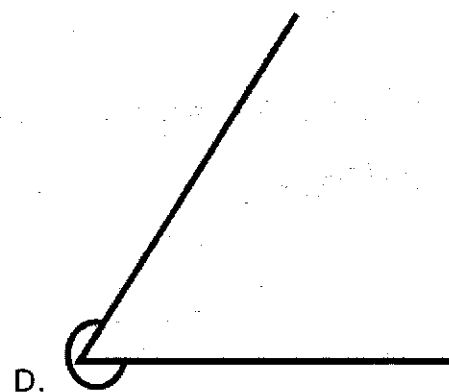
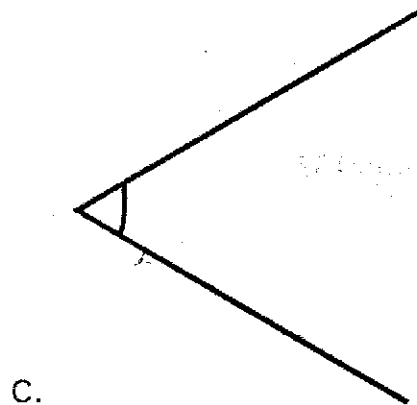
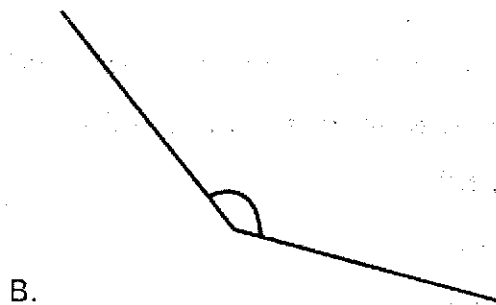
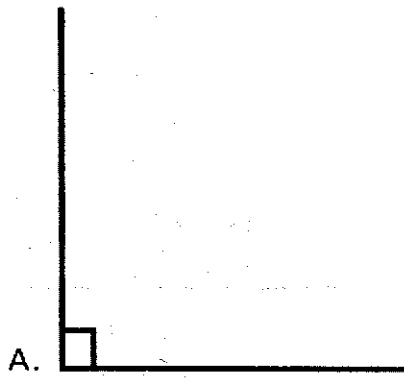
22. What is  $\frac{1}{3}$  of 48?

- A. 12
- B. 6
- C. 16
- D. 24

23. Write 0.25 as a fraction in the simplest form.

- A.  $\frac{25}{100}$
- B.  $\frac{1}{4}$
- C.  $\frac{5}{20}$
- D.  $\frac{25}{10}$

24. Which of the following is a reflex angle?



25. Work out

Week	Days
9	5
- 4	6
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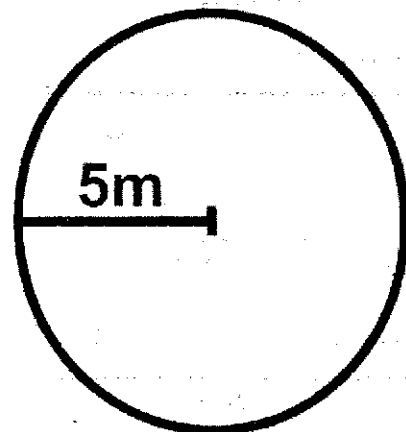
- A. 4 weeks 6 days
- B. 5 weeks 1 day
- C. 4 weeks 9 days
- D. 14 weeks 1 day

26. Work out

m	cm
12	45
$\times$	<u>15</u>
<hr/>	

- A. 186m      75 cm
- B. 180m      675cm
- C. 180m      75cm
- D. 186m      675cm

27. Work out the area of the circle below. Use  $\pi$  3.14.



- A.  $31.4m^2$
- B.  $3140m^2$
- C.  $78.5m^2$
- D.  $8.14m^2$

28. What is the supplement of angle  $76^\circ$ ?

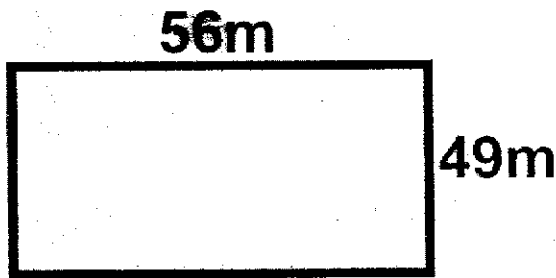
- A.  $14^\circ$
- B.  $104^\circ$
- C.  $24^\circ$
- D.  $34^\circ$

29. How many triangles are there?





36. Work out the area of the rectangle below.



- A.  $210\text{m}^2$   
 B.  $2744\text{m}^2$   
 C.  $105\text{m}$   
 D.  $1372\text{m}^2$

37. What is the next number in the sequence below?

83, 78, 73 \_\_\_\_\_.

- A. 70  
 B. 69  
 C. 67  
 D. 68

38. Work out  $\frac{\sqrt{625} + 9^2}{3^2}$

- A.  $11\frac{7}{9}$   
 B.  $17\frac{2}{3}$   
 C.  $14\frac{1}{3}$   
 D.  $3\frac{7}{9}$

39. What is the value of  $3.68 \div 2.3$ ?

- A. 0.16  
 B. 160  
 C. 1.6  
 D. 16

40. Multiply 386 by 45.

- A. 16370  
 B. 17370  
 C. 1930  
 D. 15370

41. The table below shows the number and type of vehicles that passed by Kimunyu Primary School.

TYPE	BUSES	LORRIES	PICK-UPS	MATATUS	CARS
NUMBER	8	9	8	13	17

- How many more matatus and cars passed than buses and lorries?

- A. 17  
 B. 47  
 C. 30  
 D. 13

42. Arrange the following fractions from the smallest to the largest.

$\frac{1}{8}$     $\frac{1}{2}$     $\frac{1}{4}$     $\frac{1}{6}$

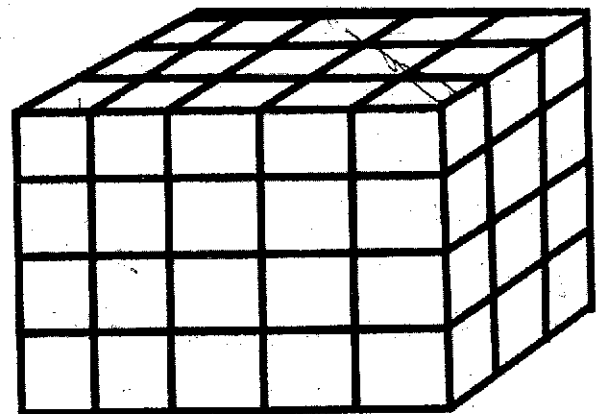
A.  $\frac{1}{8}$     $\frac{1}{6}$     $\frac{1}{4}$     $\frac{1}{2}$

B.  $\frac{1}{2}$     $\frac{1}{4}$     $\frac{1}{6}$     $\frac{1}{8}$

C.  $\frac{1}{4}$     $\frac{1}{2}$     $\frac{1}{8}$     $\frac{1}{6}$

D.  $\frac{1}{6}$     $\frac{1}{2}$     $\frac{1}{8}$     $\frac{1}{4}$

43. How many small cubes are in the box above?



- A. 16  
 B. 19  
 C. 60  
 D. 59

44. A housing company has plot measuring 50m by 40m. There are

250 such plots. What is the area of the land in hectares?

- A. 200 ha
- B. 12cm 0.5 ha
- C. 50 ha
- D. 0.2 ha

45. A triangle has an area of  $72\text{cm}^2$  and the base 9cm. Calculate its height.

- A. 8cm
- B. 646
- C. 18cm
- D. 16cm

46. Work out.

Litres	dl	ml
12	8	62
+ 7	5	45

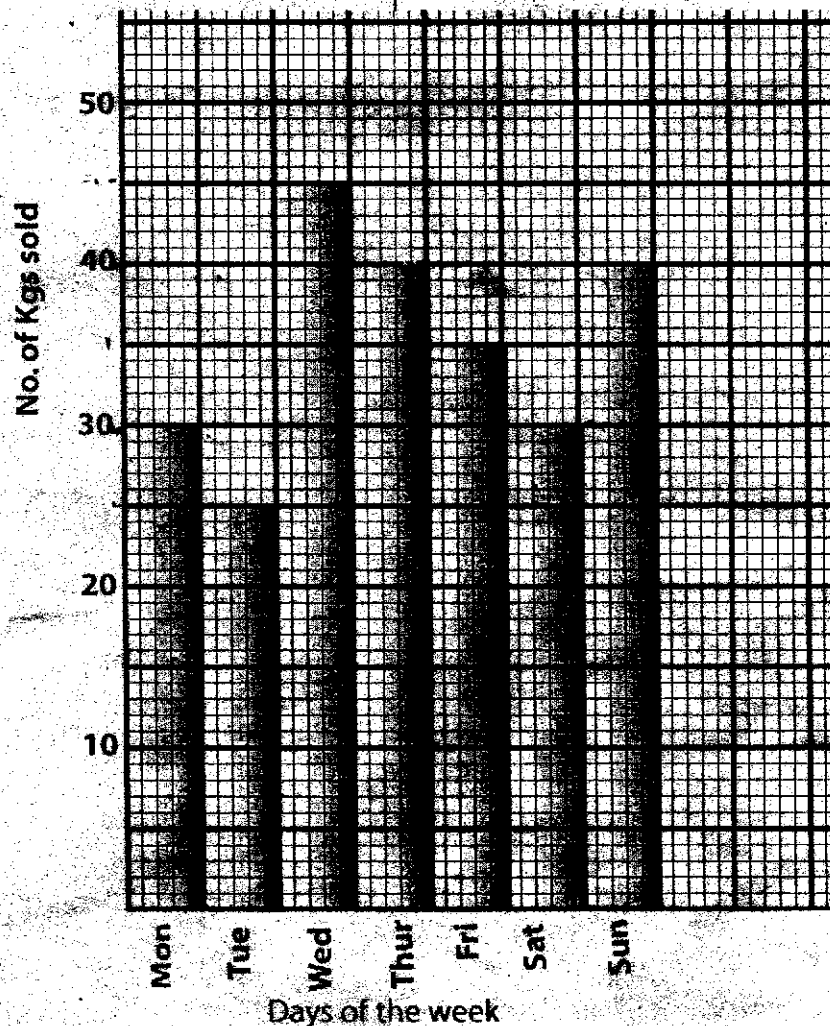
L	dl	ml
A. 20	4	7
B. 19	13	107
C. 20	14	7
D. 19	14	7

47. Irungu bought 30 oranges. Later he found that fifth of them were bad. How many oranges were good?

- A. 6
- B. 36
- C. 24
- D. 26

The graph below shows the number of kilograms of sugar Susan sold in one week.

Use it to answer question 48 - 50.



48. Which day had the lowest sales?

- A. Saturday
- B. Tuesday
- C. Monday
- D. Wednesday

49. What was the total number of kilograms sold for the whole week?

- A. 245
- B. 205
- C. 235
- D. 225

50. What was the average sales per day?

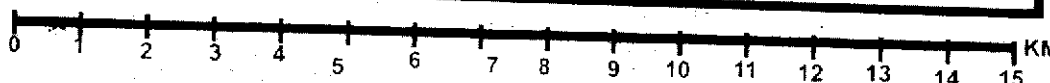
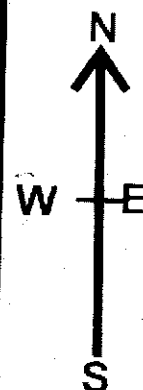
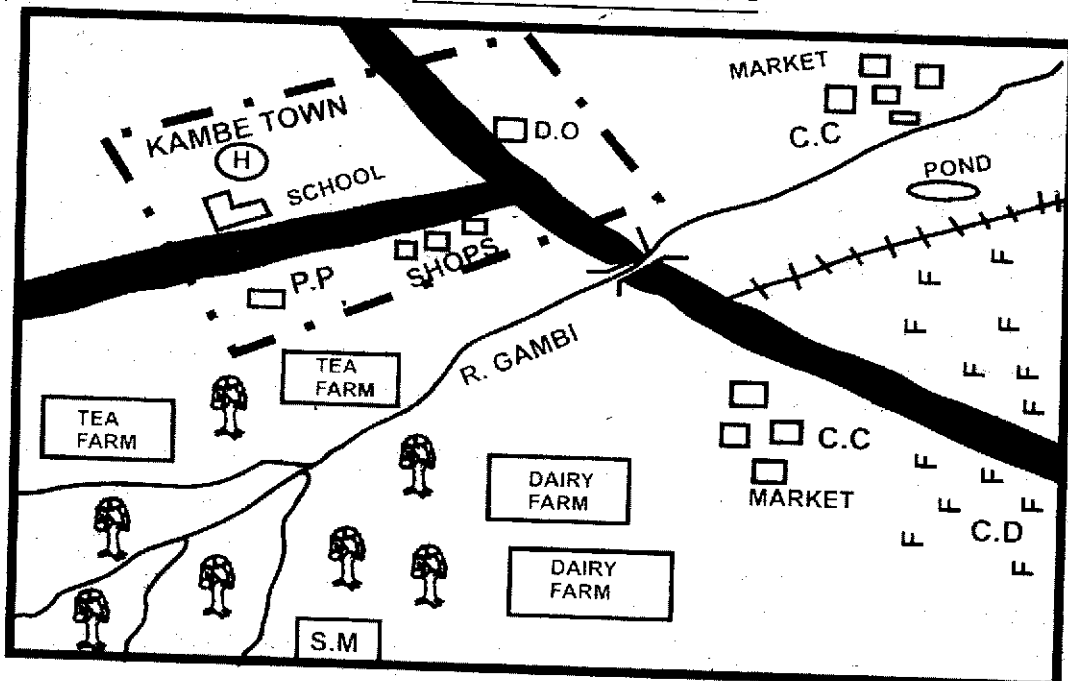
- A. 36
- B. 37
- C. 35
- D. 25



# HIGH FLYER SERIES TRIAL EXAMINATION STANDARD SIX – 2016 SOCIAL STUDIES & CRE

Time: 2 hours 15 minutes

## KAMBE AREA



### KEY

	- TARMAC ROAD		- RAILWAY
	- FOREST		- CHIEF'S CAMP
	- PERMANENT BUILDINGS		- POST OFFICE
	- TOWN BOUNDARY		
	- SCRUB		
	- SAW MILL		
	- HOSPITAL		
	- POLICE POST		
	- DISTRICT OFFICER		
			- CATTLE DIP

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

1. What is the direction of the sawmill from the town?

- A. West                      B. East

C. South                      D. North

2. Kambe area is **LIKELY** to be an administrative \_\_\_\_\_

- A. County                      B. Location

- C. Sub-location                      D. Division
3. Kambe town developed where it is mainly because of \_\_\_\_\_.
- A. The transport network  
B. The nearby river  
C. The nearby market  
D. The police post
4. The climate of South- Western part of the map is likely to be \_\_\_\_\_.
- A. Hot and wet  
B. Cool and wet  
C. Hot and dry  
D. Cool and dry
5. Which of these sets of economic activities are carried out in the area covered by the map?
- A. Transportation, tourism and mining  
B. Mining, farming and fishing  
C. Tourism, fishing and trading  
D. Mixed farming, trading and transportation
6. One of these crops can do well in the South- Western part of the map. Which one is it?
- A. Sisal                                      B. Cotton  
C. Coffee                                      D. Coconuts
7. Three of the following are functions of Kambe town except one. Which one is it?
- A. It is an administrative centre  
B. It is a trading centre  
C. It is a health centre  
D. It is a religious centre
8. A chain of mountains is known as a \_\_\_\_\_.
- A. Range  
B. Plateau  
C. Volcanic cone  
D. Fold
9. The latitude  $66\frac{1}{2}^{\circ}$  North is known as the \_\_\_\_\_.
- A. Arctic circle  
B. Equator  
C. Antarctic circle  
D. Tropic of cancer
10. The following countries are found in Eastern Africa.
- (i) Kenya

- (ii) Ethiopia  
(iii) Somalia  
(iv) South Sudan  
(v) Djibouti

Which of the above countries is LIKELY to be the largest?

- A. (i)      B. (iii)      C. (ii)      D. (v)

11. The most Southerly point of Eastern Africa is located in \_\_\_\_\_.
- A. Tanzania                                      B. Djibouti  
C. Somalia                                      D. Sudan
12. The following plains are found in Eastern Africa. Which one is correctly matched with the country where it is located?
- A. Serengeti – Kenya  
B. Luwero – Uganda  
C. Awara – Sudan  
D. Sarar – Ethiopia
13. The following mountains are located in Uganda. Which one is NOT?
- A. Mufumbiro                                      B. Elgon  
C. Moroto                                      D. Rungwe
14. The following lakes are found in Eastern Africa
- (i) Lake Kyoga  
(ii) Lake Tanganyika  
(iii) Lake Shala  
(iv) Lake Tana  
(v) Lake Edward.
- Which of these lakes are found on the floor of the Rift Valley?
- A. (i) and (ii)  
B. (i) and (iii)  
C. (iii) and (v)  
D. (iv) and (v)
15. One of these islands is found in Lake Victoria. Which one is it?
- A. Manda                                      B. Pate  
C. Mafia                                      D. Bukasa
16. The following are parts of a mountain.
- (i) Vent  
(ii) Magma chamber  
(iii) Conelet  
(iv) Lava  
(v) Dyke
- All the above are parts of a \_\_\_\_\_.
- A. Fold mountain  
B. Volcanic mountain

- C. Horst  
D. Block mountain
17. Which element of weather is measured in kilometres per hour or knots?  
A. The atmospheric pressure  
B. The strength of the wind  
C. The speed of the wind  
D. The temperature of the day.
18. The land and sea breezes can be experienced around the following towns except one. Which one is it?  
A. Kilifi  
B. Jinja  
C. Kigoma  
D. Meru
19. The following are statements about lines of longitude. Which among them is NOT correct?  
A. They are used to determine time at different places.  
B. They are usually parallel to one another.  
C. There are 360 longitudes in total  
D. The longitudes join at the poles
20. Three of the following rivers drain into Indian Ocean. Which one does NOT?  
A. River Shibelli  
B. River Pangani  
C. River Kagera  
D. River Ruvuma
21. Lakes formed as a result of deposition of silt at the lower course of a river are known as \_\_\_\_\_  
A. Ox-bow lakes  
B. Tarns  
C. Cirques  
D. Depression lakes
22. The horn of Africa is dry yet it is near the Indian Ocean because of one of the following factors that influence climate of a place. Which one is it?  
A. Nearness to large water bodies  
B. The altitude of the area.  
C. The shape of the coastline  
D. The latitude of the area.
23. Nanyuki town is drier than Meru yet it is near Mount Kenya because \_\_\_\_\_  
A. It is at a very low altitude  
B. It is near a large water body
- C. It is on the leeward side of the mountain.  
D. It is on the windward side of the mountain.
24. The following relate to a climatic region in Eastern Africa.  
i. It experiences a double maxima of rainfall  
ii. The kind of rainfall experienced in the region is convectional  
iii. It experiences high temperatures throughout the year.  
The climatic region described above is \_\_\_\_\_  
A. Equatorial climatic region  
B. Savanna climatic region  
C. Desert climatic region  
D. Mountain climatic region
25. Which of these soils is used in the glassmaking industry?  
A. Red earth soils  
B. Volcanic soils  
C. Sandy soils  
D. Alluvial soils
26. The following types of trees are found in tropical rainforests. Which one is NOT?  
A. Mvule  
B. Teak  
C. Mahogany  
D. Euphorbia
27. The following are descriptions of a type of soil.  
(i) It has very small particles  
(ii) It cracks when dry  
(iii) The soil does not lose water easily  
(iv) The soil is found in some plains found in Kenya.  
The soil described above is \_\_\_\_\_  
A. Black cotton soil  
B. Sandy soil  
C. Volcanic soil  
D. Alluvial soil
28. The following are Eastern Bantu communities of Kenya. Which one is NOT?  
A. Agikuyu  
B. Aembu  
C. Warabai  
D. Abakuria



29. Which of these sets of communities consist of River-Lake Nilotes of Eastern Africa?
- Dinka, Marakwet and Samburu
  - Acholi, Langi and Alur
  - Samburu, Turkana and Lugbara
  - Luo, Nandi and Kipsigis
30. The following are reasons for the migration of the main language groups in Eastern Africa. Which one is NOT?
- There was population increase among communities
  - There were attacks by hostile neighbours
  - Some communities migrated to escape famine and drought in areas they had settled.
  - Some communities moved in search of areas with good means of transport.
31. Which of these sets consists of semitic speaking communities of Eastern Africa.
- Amhara, Bagarra and Tigre
  - Issa, Afar and Kababish
  - Falasha, Nubians and Danakil
  - Sandawe, Tugre and Iraqw
32. One of these bantu speaking communities migrated through the route between Lake Albert and Lake Edward?
- Hehe
  - Chagga
  - Batoro
  - Ngoni
33. The highlands are densely populated MAINLY because \_\_\_\_\_
- They experience heavy rainfall
  - They are very cold
  - They experience high temperatures
  - They are located at a high altitudes
34. Which of these is a nuclear family?
- A family consisting of a father, children and aunts
  - A family consisting of a father, mother, children and uncles
  - A family composed of a father, two wives and children.
  - A family composed of parents, grandparents, brothers, nephews and cousins.
35. The following are secondary needs of a family. Which one is NOT?
- Love
  - Personal identity
  - Security
  - Clothing
36. The school routine is important in the following ways except one. Which one is it?
- It encourages discipline among members of a school
  - It creates order in the school
  - It enables teachers to punish pupils who do not adhere to the schools programme.
  - It helps members of the school community to manage their time effectively
37. Which of these statements about coffee growing in Kenya and Ethiopia is true?
- It is mainly grown in the lowlands
  - It is mainly grown under irrigation
  - It is mainly grown in greenhouses
  - It is mainly grown in the highlands
38. The following regions are found in Kenya
- Trans-nzoia
  - Uasin Gishu
  - Nakuru
  - Kericho
  - Bungoma
  - Laikipia
- All the above counties of Kenya are known for commercial growing of \_\_\_\_\_
- Tea
  - Maize
  - Coffee
  - Sisal
39. One of the following breeds of cattle is mainly known for the production of milk? Which one is it?
- Aberdeen - Angus
  - Charolais
  - Friesian
  - Zebu
40. The following products are traded in Eastern Africa
- Vehicles
  - Flowers
  - Fertilizers
  - Coffee



- (v) Machinery
- (vi) Fish
- (vii) Petroleum

Which of the above products are mainly obtained through importation into Eastern Africa?

- A. (i), (ii) and (iii)
- B. (ii), (iii) and (iv)
- C. (i), (v) and (vii)
- D. (iv), (v) and (vi)

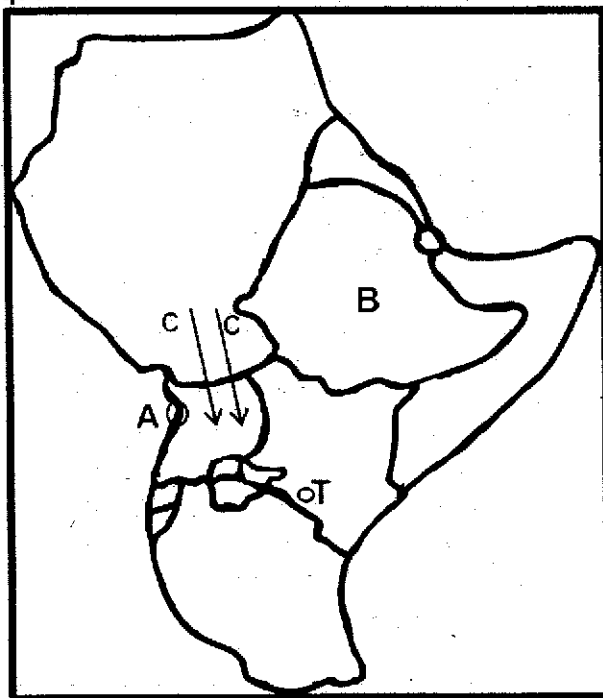
41. Which of the following means of transport used in most favourable for transporting gemstones and other precious stones to overseas countries?

- A. Air transport
- B. Water transport
- C. Road transport
- D. Railway transport

42. The following statements are true about cultural artefacts among traditional African communities in Kenya. Which one is NOT?

- A. Some artefacts were used as weapons
- B. Some artefacts were used as storage items
- C. Most of the artefacts are currently preserved in various museums
- D. Some cultural artefacts were used as writing tools.

Use the map of Eastern Africa to answer questions 43-46



43. The lake marked A on the map is likely to be \_\_\_\_\_.

- A. Lake Kivu
- B. Lake Tanganyika
- C. Lake Kyoga
- D. Lake Albert

44. The arrows marked C show a route that was followed by one of the following groups of communities found in Eastern Africa. Which one is it?

- A. Plains Nilotes
- B. River - Lake Nilotes
- C. Highland Nilotes
- D. Cushitic speakers

45. The capital city of the country marked B on the map is known as \_\_\_\_\_.

- A. Djibouti
- B. Juba
- C. Addis Ababa
- D. Khartoum

46. The lake marked T on the map is a source of a mineral that is used \_\_\_\_\_.

- A. In making detergents
- B. In making water filters
- C. In making cans
- D. In making heat insulators

47. Which of the following ways of interaction was the most common between the Abaluhya and the Luo of Kenya in the pre-colonial period?

- A. Trade
- B. Warfare
- C. Marriage
- D. Initiation ceremonies

48. One of these sets of crops were grown by Kenyan traditional communities in the pre-colonial period?

- A. Tea, Sisal and pyrethrum
- B. Yams, sorghum and millet
- C. Coffee, cotton and sisal
- D. Sugarcane, flowers and cotton

49. One fact about free range poultry farming method is that \_\_\_\_\_.

- A. Only broilers are kept
- B. Only layers are kept
- C. The farmer buys chicks from the hatcheries

D. The chicken are allowed to move freely in search of food.

50. Which of these sets of minerals are obtained through the open cast method?

- A. Soda ash and salt
- B. Salt and limestone
- C. Fluorspar and diatomite
- D. Sand and soda ash

51. The following are breeds of fish

- (i) Tilapia
- (ii) Kingfish
- (iii) Dagaa
- (iv) Mullet
- (v) Nile perch
- (vi) Shell fish

Which of the above types of fish are caught in marine fishing grounds?

- A. (ii) and (iv)
- B. (i) and (iii)
- C. (ii) and (v)
- D. (iii) and (vi)

52. Which is the MAIN tourist attraction in Lake Bogoria?

- A. Flamingoes
- B. Coral reefs
- C. Hot springs
- D. The hyacinth

53. Below are examples of industries

- i. Hair dressing
- ii. Glass making
- iii. Cement making
- iv. Tyre repairing
- v. Insurance
- vi. Shoe making
- vii. Motor vehicle assembly

Which of the above comprise of service industries?

- A. i, ii and iii
- B. ii, iii and iv
- C. v, vi and vii
- D. i, iv and v

54. Three of the following are electronic forms of communication. Which one is NOT?

- A. Use of telephone
- B. Use of the internet
- C. Use of newspapers
- D. Use of the radio

55. Who among the following traditional African leaders co-operated with the colonialists during the colonial period in Kenya?

- A. Nabongo Mumia
- B. Mukite Wa Nameme
- C. Koitalel arap Samoei
- D. Mekatilili wa Menza

56. Which of these Kenyan traditional communities had a religious leader known as Mugwe?

- A. The Nandi
- B. The Ameru
- C. The Abagusii
- D. The Giriama

57. What was the role of the African chiefs and headmen during the colonial period in Kenya?

- A. They represented Africans in the Legislative Council (LEGCO)
- B. They appointed governors in the country.
- C. They made laws that governed the country
- D. They ensured that Africans paid taxes.

58. One of these arms of the government of Kenya interprets laws and promotes justice in the country. Which one is it?

- A. The Judiciary
- B. The executive
- C. The Legislature
- D. The Parliament

59. The body incharge of elections in the Republic of Kenya is headed by \_\_\_\_\_.

- A. A chairperson
- B. The president
- C. The chief Justice
- D. A commissioner

60. Which of the following is a form of child abuse?

- A. Educating children on their rights
- B. Providing decent clothing to the children
- C. Use of abusive language against the child
- D. Ensuring that children are highly disciplined.



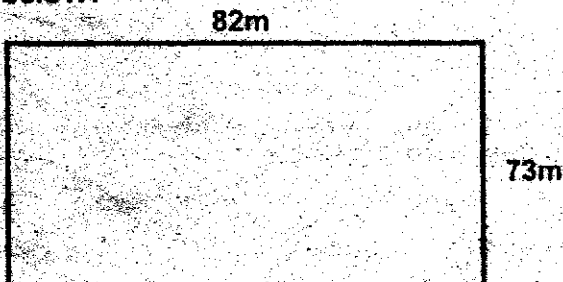
### CHRISTIAN RELIGIOUS EDUCATION

61. After eating the forbidden fruit, Adam and Eve realized that they were naked. They covered themselves with \_\_\_\_\_.
- A. Fig leaves  
B. Barks of trees  
C. Animal skins  
D. Blankets
62. Which of the following was a result of sin committed by Adam and Eve at the garden of Eden?
- A. Human beings began working  
B. The snake started walking  
C. Man began to become subject to the woman  
D. All human beings were now to face death
63. What did God create on His fifth day of creation?
- A. Sun, moon and stars  
B. Sea creatures and birds of the air  
C. Earth, sea and plants  
D. Land creatures and human beings
64. Three of the following were the sons of Noah. Who was NOT?
- A. Shem  
B. Ham  
C. Japheth  
D. Seth
65. Who among the following built an altar for God at Shechem?
- A. Abraham  
B. Lot  
C. Joseph  
D. Esau
66. How did the Israelites mark their houses on the night of the Passover in Egypt?
- A. They painted their houses with red paint  
B. They hang fig leaves on their doorposts  
C. They smeared blood of lambs on their doorposts  
D. They smeared blood of cows on their doorposts.
67. Who among the following patriarchs of Israelites was tempted by Potiphar's wife in Egypt?
- A. Moses  
B. David  
C. Joseph  
D. Jacob
68. One of the following women was the wife of Boaz. Whom is it?
- A. Naomi  
B. Ruth  
C. Orpah  
D. Rahab
69. An angel of the Lord appeared to Gideon in a village called \_\_\_\_\_.
- A. Sychar  
B. Gadara  
C. Ophrah  
D. Bethel
70. Gideon defeated Midianites using the following except one. Which one is it?
- A. A trumpet  
B. A javelin  
C. A jar  
D. A torch
71. When Solomon asked for wisdom from God, he was added one of the following. Which one is it?
- A. Wealth  
B. Many wives  
C. Many children  
D. Courage
72. Who among the following kings of Israel was anointed by Prophet Nathan?
- A. King David  
B. King Saul  
C. King Solomon  
D. King Rehoboam
73. Prophet Isaiah referred to Jesus in the following ways except one. Which one is it?
- A. The Wonderful Counsellor  
B. The Mighty God  
C. The Eternal father  
D. The King of the Jews
74. The following refers to a member of the early church
- (i) His name was changed  
(ii) He was converted on the way to Damascus  
(iii) He was guided by the Holy Spirit to go and preach to the people of Macedonia.
- The personality described above is \_\_\_\_\_.
- A. Peter  
B. Paul  
C. Barnabas  
D. Timothy
75. How many people were added to the group of the members of the early church when Peter preached on the day of the Pentecost?
- A. One thousand people  
B. Two thousand people  
C. Three thousand people  
D. Four thousand people

76. Three of the following are gifts of the Holy Spirit. Which one is NOT?  
 A. Faith                                      B. Healing  
 C. Wisdom                                     D. Humility
77. One of the following members of the early church was involved in distribution of funds to the widows. Who was he?  
 A. Joseph                                      B. Levi  
 C. Timon                                        D. Timothy
78. The following books found in the Bible are in the Old Testament. Which one is NOT?  
 A. Ruth                                         B. Nehemiah  
 C. Malachi                                     D. Titus
79. One of the following parables of Jesus teaches us to make use of our God given abilities?  
 A. The parable of the good Samaritan  
 B. The parable of the master and the three servants  
 C. The parable of the sower  
 D. The parable of the widow and the judge
80. The story of Ananias and his wife Sapphira teaches Christians on the importance of \_\_\_\_\_  
 A. Honesty  
 B. Humility  
 C. Having mercy  
 D. Courage
81. The rich tax collector climbed a sycamore fig tree in order to see Jesus in one of the following towns. Which one is it?  
 A. Bethany                                      B. Jericho  
 C. Bethlehem                                    D. Jerusalem
82. "Open Up" Jesus used these words when he was healing \_\_\_\_\_  
 A. The deaf and dumb person  
 B. The lame man at the beautiful gate  
 C. The ten lepers  
 D. The man who was born blind
83. According to 2 Peter 3:10-15 the second coming of Jesus \_\_\_\_\_  
 A. Will be known only by the righteous  
 B. Is compared to the way a thief suddenly breaks into a house  
 C. Will be known only by the pastors and priests  
 D. Will not be sudden as it will be announced in advance.
84. Who among the following was healed by Jesus and his sins forgiven too?  
 A. The blind man  
 B. The deaf mute man  
 C. The paralyzed man  
 D. The man who was possessed by demons
85. Who among the following disciples of Jesus was sent to prepare the last supper?  
 A. Peter                                         B. Matthew  
 C. Levi                                         D. Nathaniel
86. The following values are required when breaking the bread. Which one is NOT?  
 A. Humility                                     B. Unity  
 C. Appreciation                             D. Ambition
87. Christians should give one tenth of their income to God. This kind of giving is known as \_\_\_\_\_  
 A. Sacrifice                                     B. Tithe  
 C. Offering                                      D. Communion
88. Who informed Joseph to take Mary and Jesus to Egypt in order to escape from King Herod?  
 A. The chief priests  
 B. The Pharisees  
 C. The Angel  
 D. The wise men
89. Were Khakaba is the name of God in one of the following communities. Which one is it?  
 A. The Nandi                                    B. The Kipsigis  
 C. The Iteso                                     D. The Bukusu
90. Peter always sneaks out of school during the break time. What advice should you give him as a Christian?  
 A. To ensure that he is not caught by the teacher on duty.  
 B. To sneak during lunch time  
 C. To obey the school rules always  
 D. To inform his friends before sneaking

**GATUNDU DISTRICT EXAMINATION  
STANDARD SIX MID- TERM II - 2016  
MATHEMATICS**

Time: 2 hours

1. What is three hundred thousand, three hundred and thirty one written in numerals.  
A. 300 331  
B. 300 333  
C. 303 001  
D. 30 330
2. What is the place value of digit 6 in the number 345.7261?  
A. Thousands  
B. Hundredths  
C. Thousandths  
D. Tenths
3. Work out  $2460530 - 172\ 829$ .  
A. 228701  
B. 2287701  
C. 2312319  
D. 287701
4. Work out 3285 divide by 15.  
A. 209  
B. 220  
C. 229  
D. 219
5. What is the total value of digit 5 in the number 563 498?  
A. 500,000  
B. 5  
C. 5,000  
D. hundred thousand
6. Round off 86 and 56 to the nearest 10 and then multiply.  
A. 4000  
B. 4816  
C. 5400  
D. 4800
7. The class 6 pupils in Matopeni Primary school were made to stand exactly in rows of 8, 12 or 14. What is the least number of pupils in that class?  
A. 1344  
B. 168  
C. 2  
D. 34
8. Add thirty six thousand nine hundred and fifty eight to four hundred and twenty thousand and seven.  
A. 456 955  
B. 456 965  
C. 420 007  
D. 426 969
9. Work out the perimeter of the figure below.  


82m

73m

A. 310m                      B. 155m  
C. 5986m                    D. 301m

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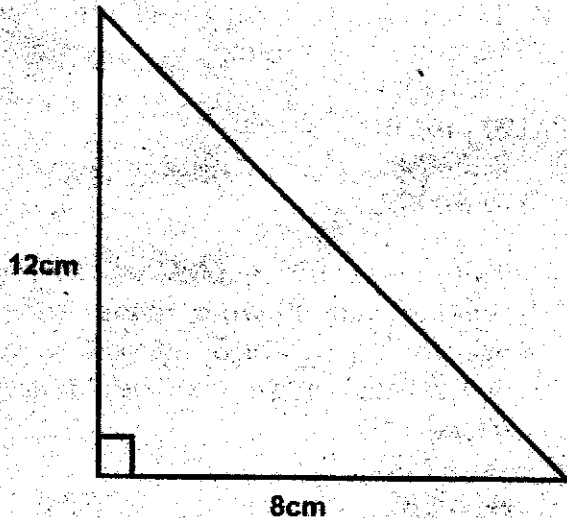
Funded By: C.D.F Gatundu South Constituency

Patron: Hon. Moses Kuria, MP Gatundu South

10. Add  $28.381 + 0.82 + 328.81$ .

- A. 439.191      B. 61.344  
C. 358.011      D. 358011

11. Work out the area of the triangle below.



- A.  $96\text{cm}^2$   
B.  $48\text{cm}^2$   
C. 96cm  
D. 48cm

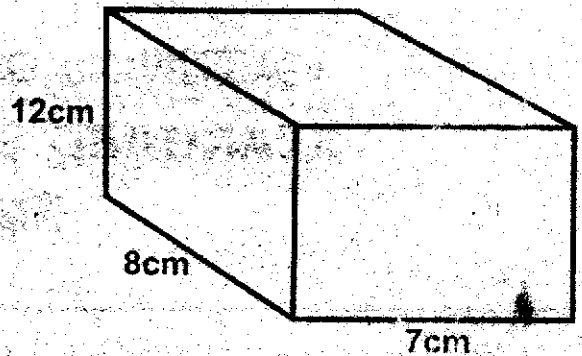
12. Work out  $5\frac{1}{6} - 1\frac{1}{4} + 3\frac{1}{3}$

- A.  $9\frac{3}{4}$       B.  $9\frac{1}{4}$   
C.  $7\frac{1}{4}$       D.  $\frac{7}{12}$

13. A dairy farmer sells 5.6 litres of milk daily. How many litres does he sell in the month of July?

- A. 173.6L      B. 168L  
C. 17.36L      D. 16.8L

14. What is the volume of the cuboid below?



- A.  $672\text{cm}^2$   
B.  $572\text{cm}^2$   
C.  $672\text{cm}^3$   
D.  $572\text{cm}^3$

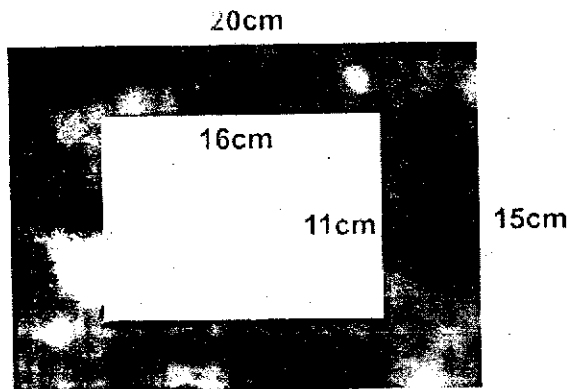
15. Simplify  $4(3x + 2y) + 3(3x - 2y)$

- A.  $21x + 14y$   
B.  $21x + 2y$   
C.  $3x - 2y$   
D.  $21x - 2y$

16. John had shs. 54672 to share equally among his 24 workers. How much money did each worker receive?

- A. Sh. 2078  
B. sh. 2387  
C. sh. 2287  
D. sh. 2278

17. Calculate the area of the shaded region.

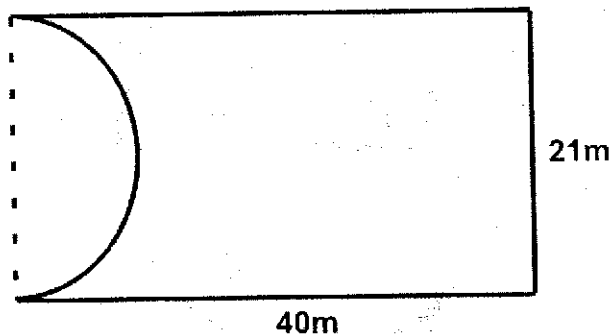


- A.  $124\text{cm}^2$
- B.  $176\text{cm}^2$
- C.  $300\text{cm}^2$
- D.  $476\text{cm}^2$

18. Express  $\frac{12}{16}$  as a percentage.

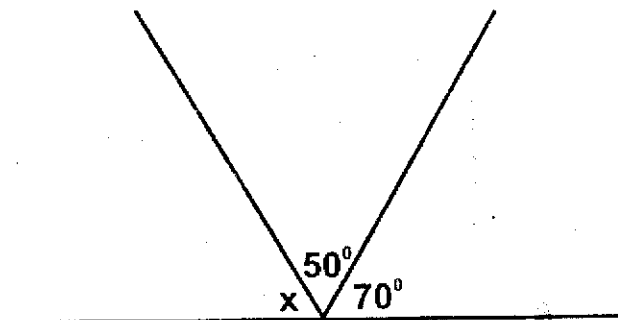
- A. 25%
- B. 95%
- C. 75%
- D. 30%

19. What is the distance round the figure below?



- A. 113m
- B. 134m
- C. 33m
- D. 101m

20. What is the size of the angle marked x?



- A.  $50^\circ$
- B.  $70^\circ$
- C.  $120^\circ$
- D.  $60^\circ$

21. What is the sum of the prime numbers between 20 and 30?

- A. 52
- B. 50
- C. 125
- D. 6

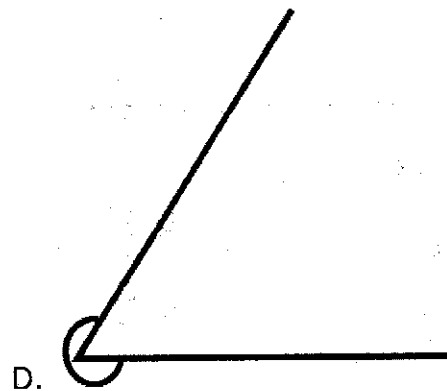
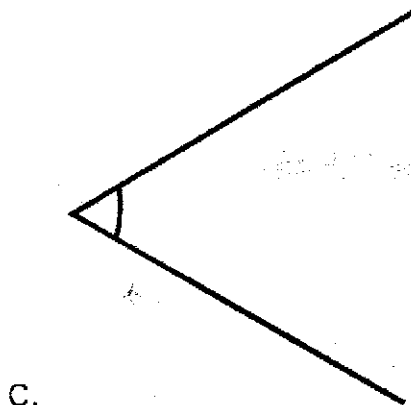
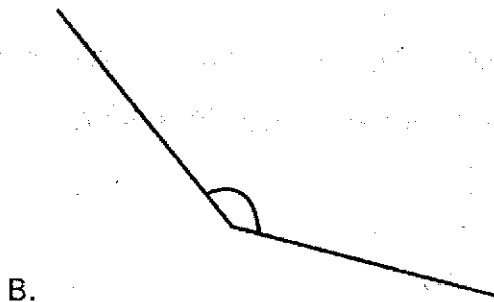
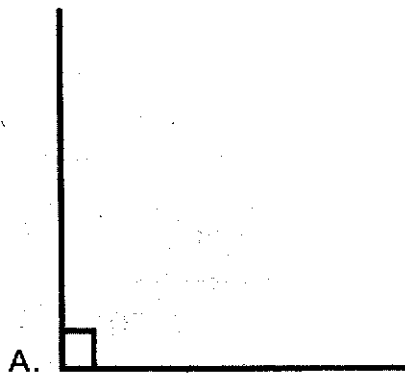
22. What is  $\frac{1}{3}$  of 48?

- A. 12
- B. 6
- C. 16
- D. 24

23. Write 0.25 as a fraction in the simplest form.

- A.  $\frac{25}{100}$
- B.  $\frac{1}{4}$
- C.  $\frac{5}{20}$
- D.  $\frac{25}{10}$

24. Which of the following is a reflex angle?



25. Work out

Week	Days
9	5
<u>- 4</u>	<u>6</u>
<hr/>	

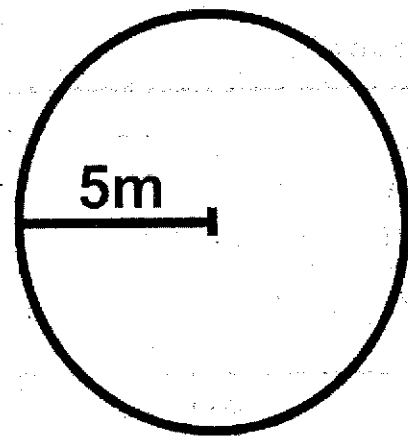
- A. 4 weeks 6 days
- B. 5 weeks 1 day
- C. 4 weeks 9 days
- D. 14 weeks 1 day

26. Work out

m	cm
12	45
$\times$	<u>15</u>
<hr/>	

- A. 186m      75 cm
- B. 180m      675cm
- C. 180m      75cm
- D. 186m      675cm

27. Work out the area of the circle below. Use  $\pi$  3.14.



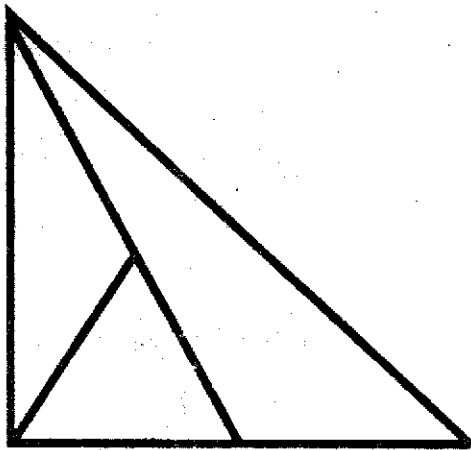
- A.  $31.4m^2$
- B.  $3140m^2$
- C.  $78.5m^2$
- D.  $8.14m^2$

28. What is the supplement of angle  $76^\circ$ ?

- A.  $14^\circ$
- B.  $104^\circ$
- C.  $24^\circ$
- D.  $34^\circ$

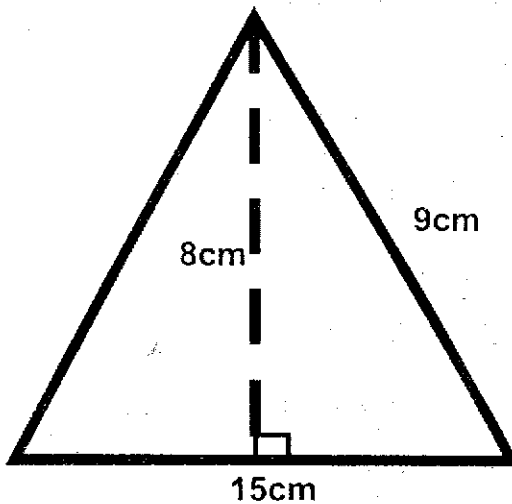
29. How many triangles are there?





- A. 1                      B. 4  
C. 3                      D. 16

30. Find the area of the figure below?



- A.  $60\text{cm}^2$   
B.  $135\text{cm}^2$   
C.  $120\text{cm}^2$   
D.  $32\text{cm}^2$

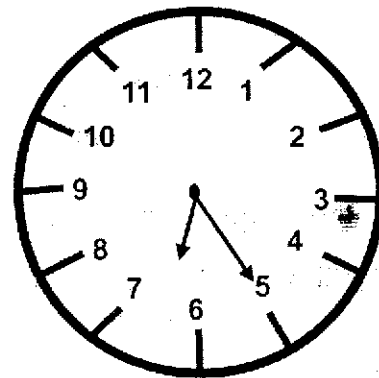
31. What is the reciprocal of  $8\frac{1}{9}$ ?

- A.  $7\frac{3}{9}$   
B.  $\frac{18}{9}$   
C.  $\frac{9}{73}$   
D.  $\frac{9}{18}$

32. Find the G.C.D of 36, 72, 81.

- A. 12  
B. 9  
C. 648  
D. 538

33. The clock below shows time in the morning. What time will it show after  $2\frac{1}{4}$  hrs?



- A. 8.40 p.m  
B. 6.25 p.m  
C. 6.25 a.m  
D. 8.40 a.m

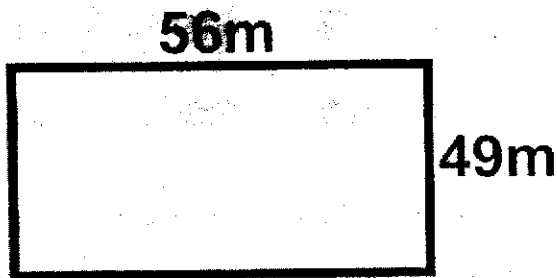
34. The number of pupils in a class was 70. If 60% of them were boys, how many girls were in the class?

- A. 28  
B. 52  
C. 42  
D. 10

35. Express 6.73405 correct to two decimal places.

- A. 6.75  
B. 6.73  
C. 6.734  
D. 6.74

36. Work out the area of the rectangle below.



- A.  $210\text{m}^2$
- B.  $2744\text{m}^2$
- C.  $105\text{m}$
- D.  $1372\text{m}^2$

37. What is the next number in the sequence below?

83, 78, 73 \_\_\_\_\_.

- A. 70
- B. 69
- C. 67
- D. 68

38. Work out  $\frac{\sqrt{625} + 9^2}{3^2}$

- A.  $11\frac{7}{9}$
- B.  $17\frac{2}{3}$
- C.  $14\frac{1}{3}$
- D.  $3\frac{7}{9}$

39. What is the value of  $3.68 \div 2.3$ ?

- A. 0.16
- B. 160
- C. 1.6
- D. 16

40. Multiply 386 by 45.

- A. 16370
- B. 17370
- C. 1930
- D. 15370

41. The table below shows the number and type of vehicles that passed by Kimunyu Primary School.

TYPE	BUSES	LORRIES	PICK-UPS	MATATUS	CARS
NUM	8	9	8	13	17
BER					

How many more matatus and cars passed than buses and lorries?

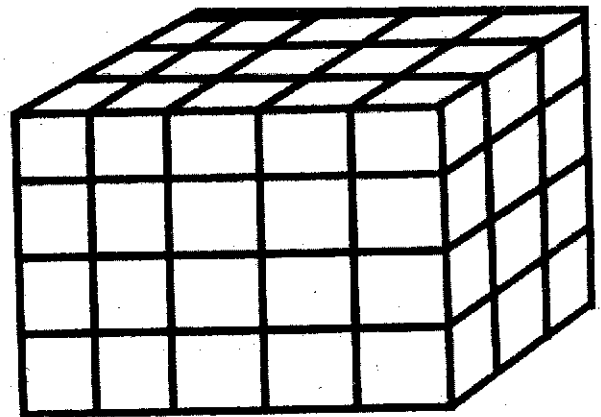
- A. 17
- B. 47
- C. 30
- D. 13

42. Arrange the following fractions from the smallest to the largest.

$\frac{1}{8}$     $\frac{1}{2}$     $\frac{1}{4}$     $\frac{1}{6}$

- A.  $\frac{1}{8}$     $\frac{1}{6}$     $\frac{1}{4}$     $\frac{1}{2}$
- B.  $\frac{1}{2}$     $\frac{1}{4}$     $\frac{1}{6}$     $\frac{1}{8}$
- C.  $\frac{1}{4}$     $\frac{1}{2}$     $\frac{1}{8}$     $\frac{1}{6}$
- D.  $\frac{1}{6}$     $\frac{1}{2}$     $\frac{1}{8}$     $\frac{1}{4}$

43. How many small cubes are in the box above?



- A. 16
- B. 19
- C. 60
- D. 59

44. A housing company has plot measuring 50m by 40m. There are

250 such plots. What is the area of the land in hectares?

- A. 200 ha
- B. 12cm 0.5 ha
- C. 50 ha
- D. 0.2 ha

45. A triangle has an area of  $72\text{cm}^2$  and the base 9cm. Calculate its height.

- A. 8cm
- B. 646
- C. 18cm
- D. 16cm

46. Work out.

Litres	dl	ml
12	8	62
+ 7	5	45

L	dl	ml
A. 20	4	7
B. 19	13	107
C. 20	14	7
D. 19	14	7

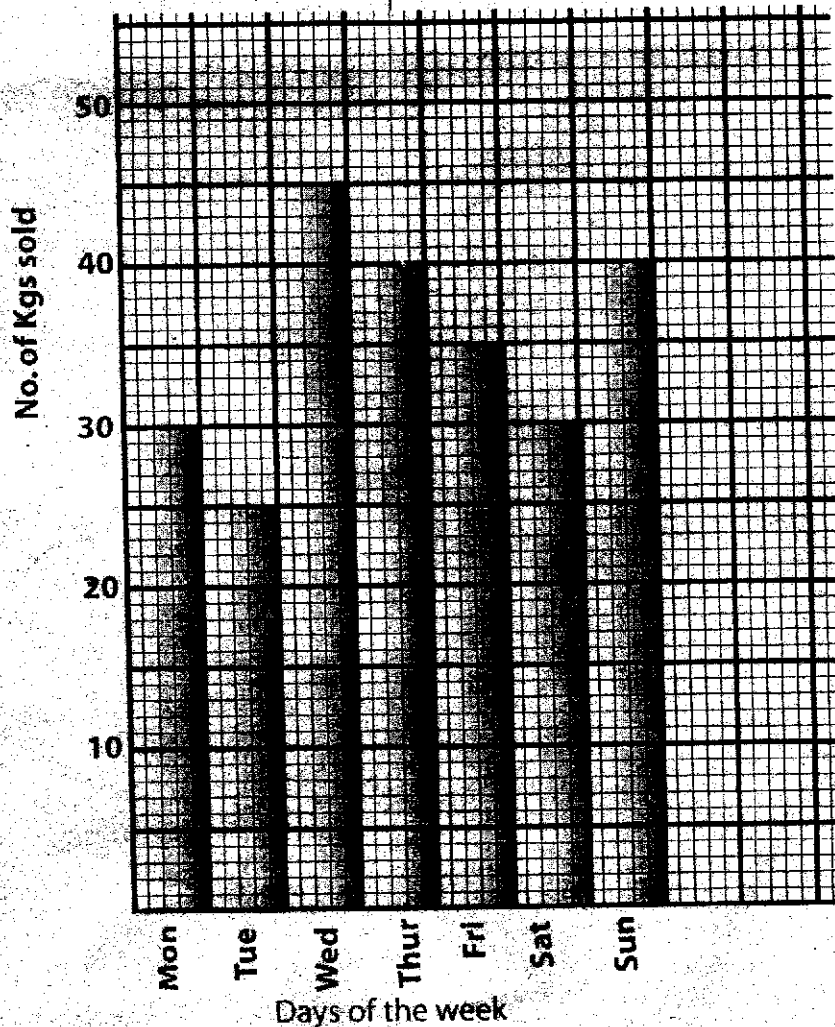


47. Irungu bought 30 oranges. Later he found that fifth of them were bad. How many oranges were good?

- A. 6
- B. 36
- C. 24
- D. 26

The graph below shows the number of kilograms of sugar Susan sold in one week.

Use it to answer question 48 – 50.



48. Which day had the lowest sales?

- A. Saturday
- B. Tuesday
- C. Monday
- D. Wednesday

49. What was the total number of kilograms sold for the whole week?

- A. 245
- B. 205
- C. 235
- D. 225

50. What was the average sales per day?

- A. 36
- B. 37
- C. 35
- D. 25

# GATUNDU DISTRICT EXAMINATION

## STANDARD SIX MID TERM II - 2016

### MARKING SCHEME

ENGLISH	KISWAHILI	MATHS	SCIENCE	SOCIAL STUDIES	
1. B	1. A ✓	1. A	1. A	1. C	51. D
2. A	2. B ✓	2. C	2. B	2. A	52. C
3. C	3. D ✓	3. B	3. C	3. D	53. C
4. B	4. C ✓	4. D	4. C	4. B	54. D
5. D	5. C ✓	5. A	5. C	5. D	55. A
6. C	6. A ✓	6. C	6. D	6. A	56. A
7. A	7. B ✓	7. B	7. C	7. A	57. C
8. D	8. C ✓	8. B	8. A	8. B	58. A
9. C	9. C ✓	9. A	9. B	9. C	59. D
10. B	10. A ✓	10. C	10. A	10. C	60. B
11. D	11. B ✓	11. B	11. A	11. D	
12. C	12. C ✓	12. C	12. A	12. D	<b>C.R.E</b>
13. A	13. B ✓	13. A	13. C	13. B	1. C
14. C	14. A ✓	14. C	14. D	14. A	2. B
15. B	15. D ✓	15. B	15. B	15. A	3. C
16. D	16. D ✓	16. D	16. A	16. D	4. C
17. C	17. C ✓	17. A	17. D	17. B	5. C
18. D	18. B ✓	18. C	18. C	18. C	6. D
19. B	19. A ✓	19. B	19. D	19. A	7. B
20. C	20. C ✓	20. D	20. B	20. C	8. D
21. A	21. A ✓	21. A	21. A	21. C	9. D
22. D	22. D ✓	22. C	22. C	22. D	10. C
23. B	23. A ✓	23. B	23. A	23. A	11. A
24. C	24. D ✓	24. D	24. D	24. D	12. B
25. A	25. C ✓	25. A	25. C	25. B	13. B
26. A	26. A ✓	26. A	26. D	26. C	14. C
27. C	27. C ✓	27. C	27. D	27. C	15. B
28. B	28. C ✓	28. B	28. A	28. A	16. B
29. D	29. A ✓	29. D	29. B	29. B	17. C
30. A	30. B ✓	30. A	30. D	30. B	18. A
31. D	31. D ✓	31. C	31. C	31. C	19. D
32. B	32. C ✓	32. B	32. B	32. A	20. C
33. C	33. C ✓	33. C	33. D	33. B	21. B
34. A	34. D ✓	34. A	34. C	34. D	22. C
35. D	35. B ✓	35. B	35. A	35. B	23. A
36. B	36. B ✓	36. B	36. D	36. A	24. B
37. D	37. D ✓	37. D	37. A	37. C	25. B
38. A	38. A ✓	38. A	38. B	38. D	26. A
39. D	39. B ✓	39. C	39. C	39. B	27. C
40. C	40. A ✓	40. B	40. B	40. D	28. B
41. B	41. B ✓	41. D	41. C	41. D	29. B
42. A	42. D ✓	42. A	42. C	42. C	30. C
43. D	43. A ✓	43. C	43. A	43. B	
44. B	44. B ✓	44. C	44. C	44. D	
45. C	45. A ✓	45. C	45. D	45. A	
46. A	46. D ✓	46. A	46. B	46. A	
47. D	47. B ✓	47. C	47. B	47. C	
48. B	48. C ✓	48. B	48. A	48. B	
49. C	49. D ✓	49. A	49. B	49. D	
50. A	50. C ✓	50. C	50. D	50. B	