

Name.....Adm No.....Class.....
 Index No..... Signature.....

121/1

Mathematics Paper 1

Form 4

2 ½ Hours

Term 2, 2019

KASSU JET EXAMINATIONS
Kenya Certificate of Secondary Education (K.C.S.E)

INSTRUCTIONS TO CANDIDATES

- Write your name and Admission number in the spaces provided at the top of this page.
- This paper consists of two sections: Section I and Section II. Answer **ALL** questions from section I and **ANY FIVE** from section II
- All answers and workings must be written on the question paper in the spaces provided below each question.
- Show all the steps in your calculation, giving your answer at each stage in the spaces below each question.
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FOR EXAMINERS USE ONLY

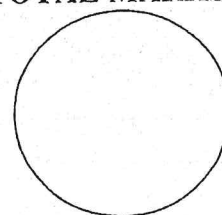
SECTION I

Question	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	TOTAL
Marks																	

SECTION II

Question	17	18	19	20	21	22	23	24	TOTAL
Marks									

TOTAL MARKS



SECTION A

1. Evaluate leaving your answer in simplified form

(3marks)

$$\frac{\frac{2}{3} + \frac{2}{3} \text{ of } \frac{4}{18} \div \frac{4}{5} - \frac{1}{5} \div \frac{4}{5}}{\frac{5}{6} - \frac{1}{6} \times \frac{2}{3} \div \frac{7}{9}}$$

2. Calculate the value of $\sqrt{\frac{4^3 \times 46656^{\frac{1}{3}}}{0.0001}}$ using factor notation.

(3marks)

3. The length of three wires are 36m, 48m and 72m. pieces of wire of equal lengths were cut from the three wires, calculate the least number of pieces obtained. (3marks)

4. A two-digit number is such that the sum of the digits is 14. When the digits are reversed its value is 36 more than the original number. Find the original number. (3marks)

5. Simplify $\frac{3x^2 - 4xy + y^2}{9x^2 - y^2}$

(3marks)

6. The area of a rhombus is 60cm^2 given that one of its diagonal is 15cm long, calculate the perimeter of the rhombus (4marks)

7. The sum of two numbers is 23 and their difference is 3. Find the sum of the squares of the two numbers. (3marks)

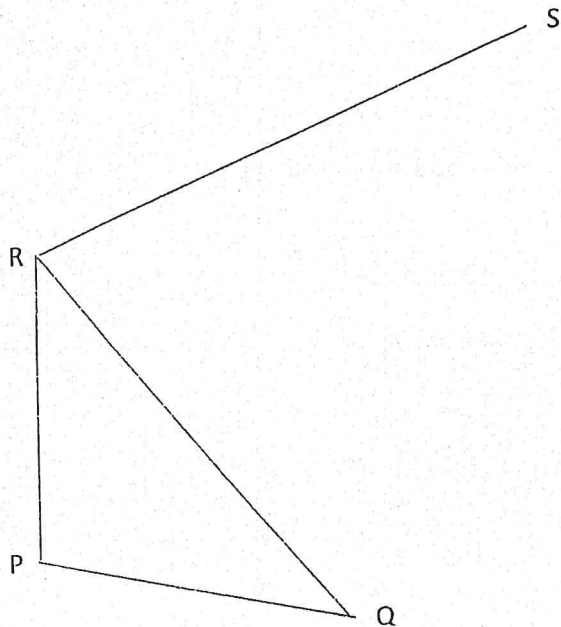
8. A Kenyan bank buys and sells foreign currency as shown in the table below.

	Buying (Ksh)	Selling (Ksh)
1 US dollar	95.34	95.87
1 UK pound	124.65	125.13

A tourist arrived in Kenya with 15000 pounds which he converted into Ksh at a commission of 8%. He later used half of the money before changing the balance into dollars at no commission. Calculate to the nearest dollar the amount he received. (3marks)

9. The sum of interior angles of a regular polygon is 24 times the size of the exterior angle. Find the number of sides of the polygon and hence name it (3marks)

10. The figure below shows a solid wedge PQRSTU. Complete the solid showing all the hidden edges with dotted lines. (3marks)



11. Solve the equation

$$3^x \times 3^y = 1$$

$$2^{2x-y} - 64 = 0$$

(3marks)

12. Using tables, find the reciprocal of 0.432 and hence evaluate $\frac{\sqrt{0.1225}}{0.432}$ (3marks)

13. The angle of elevation of the top of a building from a point P is 45° . From another point T, 15 meters nearer the foot of the building, the angle of elevation of the top of the building is 52° . Calculate the height of the building. (3marks)

14. The data below represents the ages in months at which 6 babies started walking; 9, 11, 12, 13, 14 and 10. Find the root mean squared deviation of the data (4marks)

15. Find all the integral values of x which satisfy the inequalities

(3mks)

$$20 - x > 5 + 2x \geq x + 5$$

16. a) Matrices P and Q are given by $P = \begin{pmatrix} 3 & 1 & 2 \end{pmatrix}$ and $Q = \begin{pmatrix} 1 \\ 2 \\ -1 \end{pmatrix}$ Find the product PQ. (1mk)

b) Given $A = \begin{pmatrix} 10 & 7 & 5 \\ 9 & 11 & 12 \end{pmatrix}$ and $B = \begin{pmatrix} 3 & 4 \\ 1 & 6 \\ 0 & 3 \end{pmatrix}$ find AB (2mks)

SECTION B

17. (a). The price of an article is marked as sh.12,000. Mr. Mulmulwas sold the article at a discount of 10% and still made a profit of 5%. Calculate the cost of the article. (3marks)

(b). Mr. Mulmulwas made a loss of 30% by selling an electric kettle at sh.700. What profit would he have made if she had sold it at sh.1150? (3marks)

(c). Mr. Mulmulwas is a real estate agent who is entitled to a commission on all properties bought through him. During a certain month he sold 2 mansions at sh. 2.54 million each, 4 flats at sh. 582,000 each and 5 bungalows at sh.354,000 each and he was paid a total commission of sh.458,900. Calculate the percentage rate of commission he was paid. (4mks)

18. The coordinates of the points P and Q are (1, -2) and (4, 10) respectively. A point T divides the line PQ in the ratio 2:1.

a. Determine the coordinates of T

(3marks)

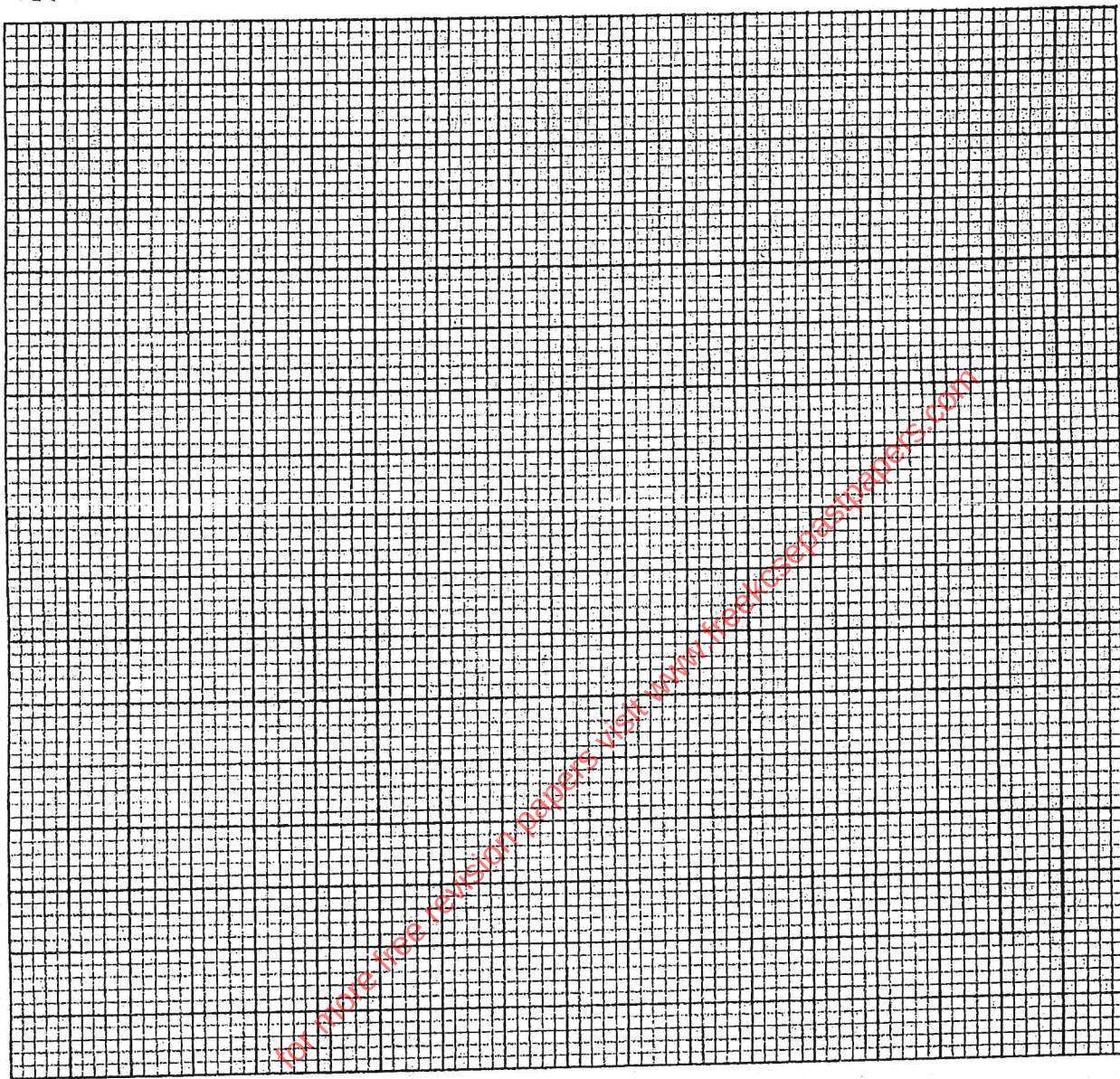
b. Find the gradient of a line perpendicular to PQ, hence determine the equation of the line perpendicular to PQ and passing through T

(4marks)

c. If the line meets the y-axis at R, calculate the distance TR to three significant figures.

(3marks)

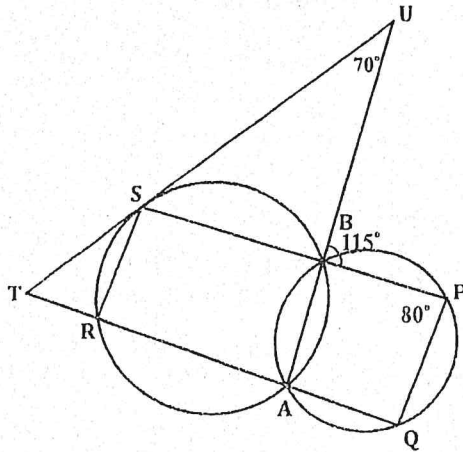
19. A triangle PQR has vertices at P (1,1), Q (2,4) and R (4,2) Draw on the same axes triangle PQR and its image $P^I Q^I R^I$ after a reflection in the line $y = x$ (3marks)



- b) On the same axes draw $P^{II} Q^{II} R^{II}$ the image of $P^I Q^I R^I$ after -90° turn about the origin and state the co-ordinates of $\Delta P^{II} Q^{II} R^{II}$ (2marks)
- c) Describe the transformation that maps $\Delta P^{II} Q^{II} R^{II}$ onto ΔPQR . (2marks)

- d) Draw $\Delta P^{III} Q^{III} R^{III}$ the image of $\Delta P^{II} Q^{II} R^{II}$ under a reflection in the line $x = 3$. State the co-ordinates of $\Delta P^{III} Q^{III} R^{III}$. (3marks)

20. The figure above shows two circles ABPQ and ABSR intersecting at A and B. QART, PBS and ABU are straight lines. The line TSU is a tangent to the circle ABSR at S. Given that $\angle BPQ = 80^\circ$, $\angle PBU = 115^\circ$ and $\angle BUS = 70^\circ$.



Find state reasons the following angles

a) $\angle BRS$

(2 marks)

b) $\angle BSU$

(2 marks)

c) $\angle STR$

(2 marks)

d) $\angle BAR$

(2 marks)

e) $\angle ARB$

(2 marks)

21. Helena left town A at 8:00 am and travelled towards town B at an average speed of 64 km/h. half an hour later, Joan left town B and travelled towards A at the same speed if the two towns are 384km apart:

a. At what time of the day did they meet? *(5marks)*

b. How far from town B was their meeting point? *(2marks)*

c. How far apart were they at 10:30am *(3marks)*

22. Four towns A, B, C and D are such that B is 84km direct to the north of A and C is on a bearing of $N65^\circ W$ from A at a distance of 60km. D is on a bearing of 340° from C at a distance of 30km. Using a scale of 1 cm rep 10km

a) Make an accurate scale drawing showing the relative positions of the towns (5marks)

b) Find the distance and bearing of B from C (2marks)

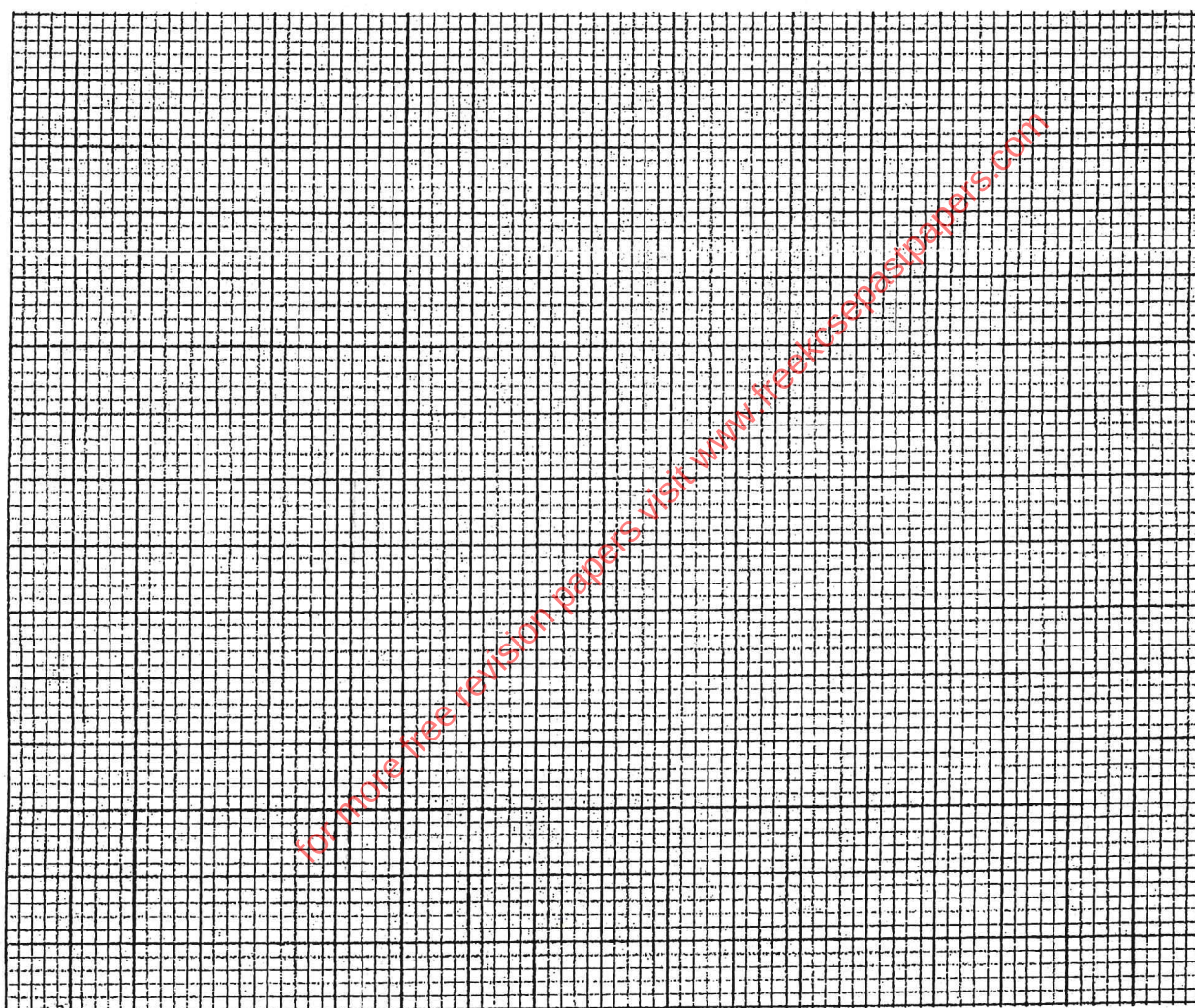
c) Find the distance and bearing of D from B (2marks)

d) Find the bearing of A from D (1mark)

23. (a) Complete the table below for the function $y = 2x^2 + 3x - 5$. (2mks)

x	-4	-3	-2	-1	0	1	2
$2x^2$		18			0		
$3x$	-12			-3			6
-5							
y							

(b) On the grid provided draw the graph of $y = 2x^2 + 3x - 5$ for $-4 \leq x \leq 2$ (4mks)



(c) Use your graph to state the roots of

(i) $2x^2 + 3x - 5 = 0$ (1mark)

(ii) $2x^2 + 6x - 2 = 0$ (3marks)

24. The speed of projectile v m/s at a given time t is given by $v = 10(10t - t^2)$ calculate
a. The time when the velocity is maximum (3marks)

b. The maximum velocity attained

(2marks)

c. The distance travelled by the body in the first 6 seconds

(3marks)

d. The acceleration of the projectile at $t = 6.5\text{sec}$

(2marks)

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121/2

Mathematics Paper 2

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2 ½ Hours

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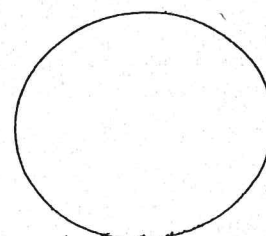
SECTION I

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SECTION II

17	18	19	20	21	22	23	24	TOTAL

GRAND TOTAL



(SECTION I 50 MARKS)

1. In this question, show all the steps in your calculations, giving the answer at each stage. Use logarithms correct to ²/₁₀ decimal places, to evaluate. (4 marks)

$$\left(\frac{8.574 \log 5.843}{\sqrt{0.005124}} \right)^{-\frac{2}{5}}$$

2. Make h the subject of the formula $E = 1 - \pi \sqrt{\frac{h-0.5}{1-h}}$ (4 marks)

3. (a) Expand and simplify $\left(x - \frac{1}{2x}\right)^6$ up to the term in x^3 and state the constant term. (2 marks)

- (b) Use this expansion to calculate to 4 d.p the value of $(0.96)^6$. (2 marks)

4. Solve for x in $\log_3 \left(3^{x^2-13x+28} + \frac{2}{9} \right) = \log_5 0.5$

(3 marks)

5. Use the method of completing the square to solve
 $4 - 9x - 3x^2 = 0$

(3 marks)

6. Given that $\frac{8}{4-2\sqrt{3}} = a + b\sqrt{3}$ and that a and b are rational numbers, find the values of a and b.

(3 marks)

7. The radius and height of a cylindrical Kentank rounded to 1 cm are 105 cm and 300 cm respectively. Calculate the percentage error in its volume. (3 marks)

8. Given that P varies directly as V and inversely as the cube root of R and that $P = 12$ when $V = 3$ and $R = 2$,

(i) Find an equation connecting P , V and R .

(2 marks)

(ii) Find the percentage change in P if V is increased by 12% and R decreased by 36%

(2 marks)

9. The cost of a matatu was sh. 950 000. It depreciated in value by 5% per year for the first 2 years and 15% per year for the subsequent years. Calculate the value of the matatu after 5 years. (3 marks)

10. The mass of two similar solids are 324g and 768g. Find the surface area of the smaller solid if the surface area of the bigger solid is 40cm^2 . (3 marks)

11. Calculate all the values of x between -180° and $+180^\circ$ which satisfy the equation $6 \cos (x - 30)^\circ = -3$ (3 marks)

12. The diameter of a circle has its ends with coordinates A(6, 10) and B(0, 2).

Determine the equation of the circle giving your answer in the form

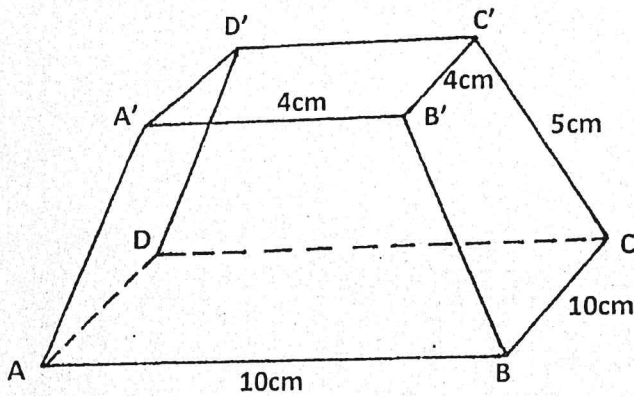
$$x^2 + y^2 + ax + by + c = 0.$$

(3 marks)

13. Triangle ABC has vertices A(1,0), B(4,0) and C(1,4) is mapped onto A'B'C' under a shear matrix, x-axis invariant and C(1,4) is mapped onto C'(7,4). Find the shear matrix hence find the coordinates of the image of P(2,-3) and Q(-2,-3). (3 marks)

14. Draw a line $DF = 4.6\text{cm}$. Construct the locus of point K above DF such that angle $DKF = 70^\circ$. (3 marks)

15. The figure below shows a frustum of a square based pyramid (not drawn to scale). The based $ABCD$ is a square of sides 10cm . The top $A'B'C'D'$ is a square of side 4cm and each slant edges of the frustum is 5cm long. Calculate the angle between AC' and the line AC . (4 marks)



16. Two circles centres A and B and radii 2.5cm and 1.5cm respectively. The distance between A and B is 7cm .

(a) Draw the required circles and construct the direct common tangents to the two circles. (2 marks)

(b) Measure the length of the tangent

(1 mark)

SECTION II (50 MARKS)

(Answer ANY FIVE questions in the spaces provided)

17. An aeroplane that moves at a constant speed of 600 knots flies from town A (14°N , 30°W) southwards to town B ($X^{\circ}\text{S}$, 30°W) taking $3\frac{1}{2}$ hrs. It then changes direction and flies along latitude to town C ($X^{\circ}\text{S}$, 60°E). Given $\pi = 3.142$ and radius of the earth $R = 6370 \text{ km}$

(a) Calculate

(i) The value of X

(3 marks)

(ii) The distance between town B and town C along the parallel of latitude in km.

(2 marks)

(b) D is an airport situated at (5°N , 120°W), calculate

(i) The time the aeroplane would take to fly from C to D following a great circle through the South Pole.

(3 marks)

(ii) The local time at D when the local time at A is 12.20 pm

(2 marks)

18. The first term of A.P is 3.5, the common difference is d if the difference of 20th and 6th terms is 40.

(a) (i) find the common difference, d

(2 marks)

(ii) calculate the sum of the first 40 terms of the AP

(2 marks)

(b) The progression is such that the 2nd, 14th and 85th terms of the AP forms the first 3 terms of a G.P. If the common difference of A.P is 2.5

Find

(i) 2nd term of the G.P

(3 marks)

(ii) Sum of the two 10 terms of G.P

(3 marks)

19. The probability that a boy goes to school by bus is $\frac{1}{3}$ and by matatu is $\frac{1}{2}$. If he uses a bus the probability that he is late to school is $\frac{1}{5}$ and if he uses a matatu the probability of being late is $\frac{3}{10}$. If he uses other means of transport, the probability of being late is $\frac{1}{20}$. What is the probability that;

(a) He will be late to school

(2 marks)

(b) He will not be late to school

(3 marks)

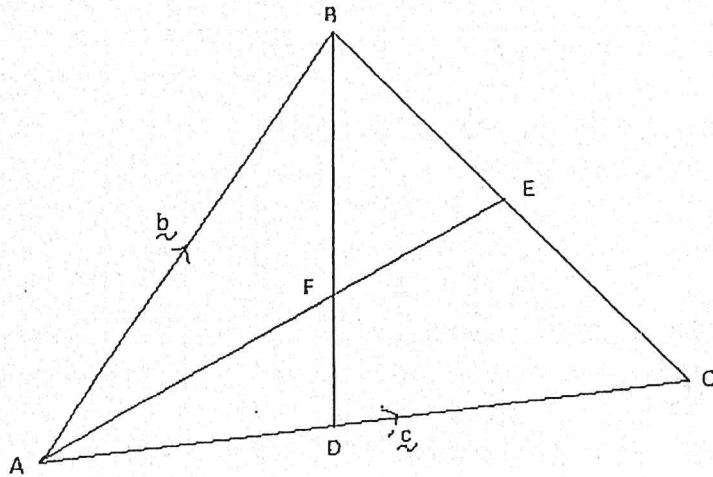
(c) He will be late to school if he does not use a matatu

(3 marks)

(d) He neither uses a bus nor matatu but arrives to school early.

(2 marks)

20. In the figure below, E is the midpoint of BC. $AD : DC = 3:2$ and F is the meeting point of BD and AE.



(a) Express the following vectors in terms of b and c

(i) $\overrightarrow{BD}$

(2 marks)

(ii) $\overrightarrow{AE}$

(2 marks)

(b) If $BF = tBD$ and $AF = nAE$, find the value of t and n

(5 marks)

(c) State the ratio in which F divides BD and AE

(1 mark)

21.(a) Using trapezoidal rule estimate the area bounded by the curve $y = 3x^2 - 2$ and the lines $x = -4$, $x = 4$ and x - axis. (4 marks)

(b) find the actual area bounded by the curve $y = 3x^2 - 2$ and the lines $x = -4$, $x = 4$ and x - axis. (3 marks)

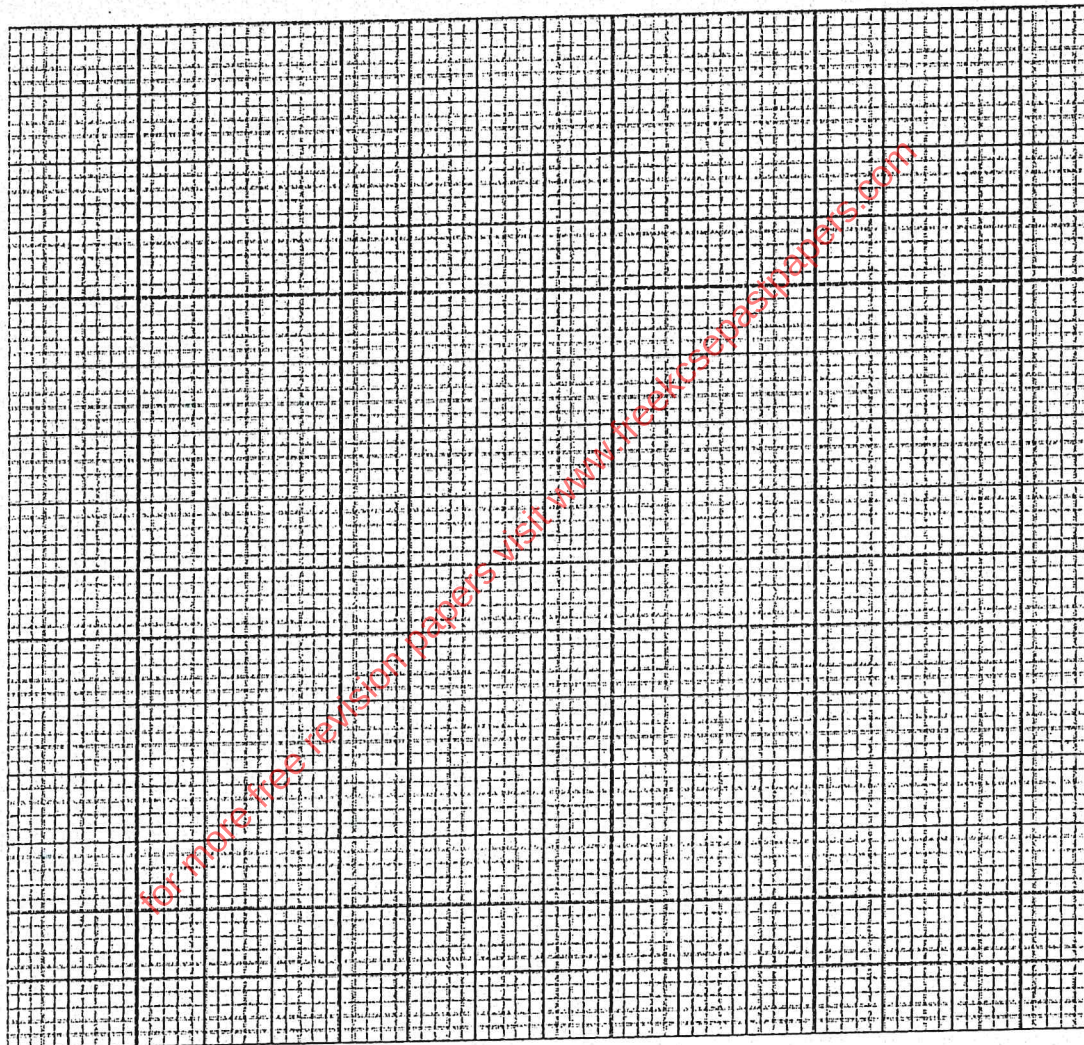
(c) Calculate the percentage error when trapezoidal rule is used. (3 marks)

22. The table below gives the marks obtained in a mathematics test by 47 students.

Marks	41-45	46-50	51-55	56-60	61-65	66-70
No of students	3	7	14	13	7	3

(a) State the modal class (1 mark)

(b) Draw a cumulative frequency curve to represent the above data. (4 marks)



(c) Use your graph to estimate

(i) Median (1 mark)

(ii) Lower quartile (1 mark)

(iii) Upper quartile (1 mark)

(d) Calculate the quartile deviation (2 marks)

23. The table below shows the income tax rates

Income per annum in K£	Rate in Sh per K£
1-1980	2
1981-3960	3
3961-5940	5
5941-7920	7
7921-9920	9
Over 9920	10

Juma is a salaried employee who is given an automatic house allowance of sh8000 monthly. He also gets a single relief of Ksh1320. If his P.A.Y.E is Ksh 5420 a month,
(a) Find his total tax in shillings per annum *(3 marks)*

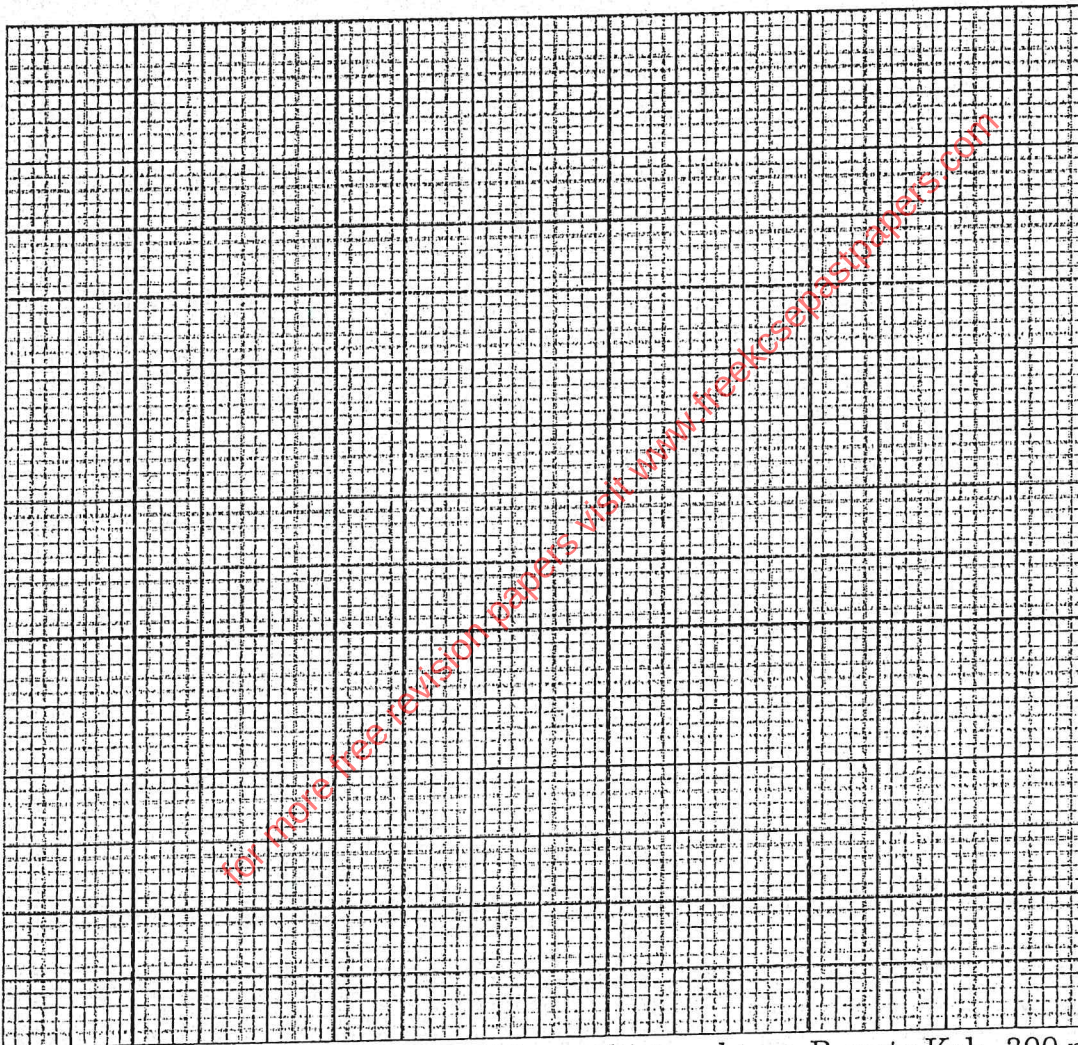
(b) How much does he earn per month? *(7 marks)*

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24. A certain uniform supplier is required to supply two types of shirts: one for girls labeled G and the other for boys labeled B. The total number of shirts must not be more than 400. He has to supply more of type G than of type B. However the number of type G shirts must not be more than 300 and the number of type B shirts must not be less than 80. By taking x to be the number of type G shirts and y the number of type B shirts.

(a) Write down in terms of x and y all the inequalities representing the information above. (4 marks)

(b) On the grid provided draw the inequalities and shade the unwanted regions. (4 marks)



(c) Given that type G costs Ksh 500 per shirt and type B costs Ksh. 300 per shirt

(i) Use the graph in (b) above to determine the number of shirts of each type that should be made to maximize profit. (1 mark)

(ii) Determine the maximum profit

(1 mark)

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MTIHANI WA KASSU WA 2019

Hati ya Kuhitimu Kisomo cha Sekondari

102/1

KISWAHILI

Karatasi ya 1

INSHA

JUNI 2019

MUDA: SAA 1 $\frac{3}{4}$

Jina.....Nambari ya usajili.....Darasa.....

Sahihi.....Tarehe.....

MAAGIZO

- Andika jina lako na nambari ya usajili kwenye nafasi ulizoachiwa hapo juu.
- Tia sahihi yako kisha uandike tarehe ya mtihani katika nafasi ulizoachiwa hapo juu.
- Andika insha mbili. Insha ya kwanza ni ya lazima.
- Kisha chagua insha nyingine moja kati ya hizo tatu zilizobakia.
- Kila insha isipungue maneno 400.
- Kila insha ina alama 20.
- Kila insha lazima iandikwe kwa lugha ya Kiswahili.
- Insha zote sharti ziandikwe katika nafasi ulizoachiwa kwenye kijitabu hiki cha maswali.
- Karatasi hii ina kurasa 8 zilizopigwa chapa.
- Watahiniwa ni lazima wahakikishe kwamba kurasa zote za karatasi hii zimepigwa chapa sawasawa na kuwa maswali yote yamo.

Kwa matumizi ya mtahini pekee

Swali	Upeo	Alama
1	20	
2	20	
3	20	
4	20	
Jumla	40	

1. Wewe ni mtangazaji wa kituo cha utangazaji cha Uzalendo. Studioni umetembelewa na mwanamke mtetezi wa haki za wanawake kuzungumzia namna mwanamke ametelekezwa katika jamii ya sasa. Andika mahojiano kuhusu mchakato huo. (Alama 20)

2. Kuna njia anuai zinazoweza kutumiwa kulitandarukia tatizo la ajira nchini. Tetea. (Alama 20)

3. Andika kisa kinachoafiki methali; **Mgagaa na upwa hali wali mkavu.** (Alama 20)

4. Tunga kisa kitakacho kamilika kwa kauli ifuatayo;

...niliduwa, nikasimama kisha nikaangalia nyuma huku machozi yakinitoka. Nilikumbuka wosia wa walimu na wazazi wangu, lakini kitumbua changu kilikuwa kimeingia mchanga

(Alama 20)

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JINA.....NAMBARI YAKO.....DARASA.....

TAREHE.....SAHIHI.....

102/2

KISWAHILI

KARATASI YA PILI

LUGHA

MEI/JUNI 2019

MUDA: SAA 2½

MTIHANI WA PAMOJA WA KASSU

Maagizo kwa watahiniwa

1. Andika jina lako, nambari, na darasa lako katika nafasi ulizoachiwa hapo juu.
2. Andika tarehe ya mtihamu na utie sahihi yako katika nafasi ulizoachiwa hapo juu.
3. Jibu maswali yote.
4. Andika majibu yako katika nafasi ulizoachiwa baada ya kila swali katika kijitabu hiki cha maswali.
5. Tumia hati nadhifu.
6. Usitoe ukurasa wowote kutoka kwenye kijitabu hiki.
7. Karatasi hii ina kurasa 10 zilizopigwa chapa.
8. Watahiniwa ni lazima waangalie kama kurasa zote za karatasi hii zimepigwa chapa sawasawa na kuwa maswali yote yamo.

Kwa matumizi ya mtihamu pekee

SWALI	UPEO	ALAMA
1	15	
2	15	
3	40	
4	10	
JUMLA	80	

1. UFAHAMU (Alama 15)

Soma Makala yafuatayo kisha ujibu maswali.

Yasemekana kuwa Shungwaya ndicho kitovu cha watu waishio Giriama katika janibu za pwani ya Kenya na wanaojulikana kwa jumla kana Wamijikenda. Yaaminika kuwa bado wakiwa Shungwaya, walimuua Mgalla mmoja mwenyeji wa Shungwaya na kitendo hicho kiliamsha hasira kali za Wagalla, hata ikawawia vigumu Wamijikenda kuishi kwa usalama pamoja na ndugu zao hao.

Hata hivyo, Wamijikenda hawakugura mara moja wala wote kwa pamoja bali walihama katika vipindi tofauti na katika makundi madogomadogo. Kila kundi lililofika Giriama lilijenga 'kaya' au mji wake. Kwa jumla, walihama kwa makundi tisa.

Vile vile, Wamijikenda walihama na fingo yao ambayo ilifukiwa na viongozi wao katikati ya kaya zao, palipokuwa na msitu mdogo. Hakuna ajuaye hasa mahali ilipofukiwa ila wazee hao waliopenda kufanyia baraza mahali hapo.

Mnamo mwaka wa 1870, mzee Menza na mkewe walibarikiwa kufungua kizazi kwa kupata mtoto wa kike waliyemwita Mekatilili. Walimlea vizuri na alipoanza kuzungumza, alionyesha dalili za kuwa na kipawa cha pekee. Kwanza, alipenda kujua kila kitu kilichoihusu jamii yake na pili alichukizwa sana na kiumbe aliyemdhulumu kiumbe mwenzake. Kwa mfano, aliwaonea vipepeo imani walipoliwa na ndege. Tena alizipenda sana mila na desturi za watu wa jamii yake – Wamijikenda.

Siku moja, baada ya Mekatilili kufikia utu uzima, mama yake alimwita chemba akamwambia, "Mwanangu sasa umeshabalehe, nami ningependa kuwaona wajukuu wangu kabla sijawafuata wazee waliotangulia. Waonaje tukikuoza? Mimi na baba yako tumepata mume ambaye ni kufu yako kabisa."

"Ninaelewa, maana hizi ni desturi zetu. Lakini ningefurahi zaidi kama mngeniruhusu nijichagulie mume ninayempenda." Binti alimjibu mamaye.

"Mnazi na uwe mrefu, huyumba kufuata upepo." Mama akajibu. Tangu hapo binti akawa hana la kujibu ila kukubali.

Siku ya harusi, watu wengi walihudhuria na wakastarehe kwa tembo la mnazi ambalo lilikuwa limetengenezewa kwa wingi. Jioni hiyo, mekatilili alichukuliwa kwa mumewe Masendeni, karibu na mto Sabaki. Ikawa hangeonana na wazazi wake kila siku kama ingalivyokuwa mapenzi yake. Wakati huu kote nchini Kenya kulikuwa kumejaa wageni, wengi wao wakiwa walowezi na watawala wa kibeberu. Walikuwa wameanzisha mashamba ya mikonge, kahawa na chai. Walihitaji watu wa kupalilia mashamba yao hayo. Hata hivyo Waafrika hawakuwa na haja ya kulima wala pesa. Hata walipolima, ni kwa minajili ya kubadilishana mazao na kula. Iliwabidi Wazungu kutumia mizungu ili kuwashurutisha Waafrika kuwalimia. Baadhi ya mikakati waliyobuni ni kuwateka nyara watu barobaro na kutoza kodi. Ni katika harakati kama hizo.

ambapo mumewe Mekatilili alitekwa, asirudi tena kwake. Wakati uo huo, wazazi wa Mekatilili waliaga dunia.

Mambo haya yalimpa mekatilili msukumo. Baada ya muda wa kuomboleza kuisha, alijiunga na wazee wapigania ukombozi, mmoja wao akiwa Wanje, kakaye mumewe. Aliwaunganisha wanawake na kuwahimiza wasiige mila na desturi za kizungu. Aliwahutubia wanaume na kuwakumbusha kuwa ilikuwa lazima wailinde nchi yao. Siku moja alishikwa kwa kuwalisha watu kiapo. Alipelekwa bara, Kisii, mbali kabisa na kwao, Masharibi mwa Kenya na akatiwa kizuizini pamoja na Wanje. Hata hivyo, walifaulu kutoroka na kwa muda wa siku ayami walipitia kwenye mabonde na milima, misitu na nyika hadi wakarudi Giriama.

Mabeberu walikasirika sana. Hata hivyo, walikuwa wamechelewa. Katika safari yao kurudi Giriama, walifaulu kuhubiria wengi dhidi ya mgeni. Vita vya ukombozi vilikuwa vimeshika.

Maswali

1. Ni kwa nini Wagiriama wanajulikana kama Wamijikenda? (al.1)

.....
.....

2. Ni maafa gani yaliyompata Mekatilili katika maisha yake? (al.4)

.....
.....
.....
.....

3. Ni hali gani inayotawala katika makala haya. (al.2)

.....
.....

4. Taja masuala ya kijinsia yanayojitokeza katika Makala haya. (al.2)

.....
.....

5. Wazungu walitumia mbinu gani ili kuwashurutisha watu kuwafanyia kazi mashambani mwao. (al.2)

.....
.....

6. Andika maneno mengine yeney maana sawa na;

i) Kugura.....(al.1)

ii) Kubalehe.....(al.1)

7. Eleza maana ya;

i) Mnazi na uwe mrefu huyumba kufuata upepo

.....(al.1)

ii) Kitovu cha watu waishio Giriama

.....(al.1)

2. UFUPISHO (Alama 15)

Soma kifungu kifuatacho kisha ujibu maswali.

Kiswahili tunasema ni lugha yetu kwa sababu ndiyo lugha ya Kiafrika inayoongewa katika nchi nyingi Barani Afrika. Ni lugha yetu kwa sababu ni lugha asilia mojawapo za Afrika. Siyo lugha iliyoletwa na watu wa nchi za nje kama vile Kiingereza, Kifaransa na Kireno. Uzuri wa Kiswahili sasa ni kuwa kimeenea kote Afrika Mashariki na Kati.

Wenyeji asilia waliokuwa wakiongea lugha hii tangu awali ni Waswahili. Waswahili hawa hata leo wako na wanaendelea kuitumia lugha hii kama lugha yao ya mama, kama vile Wakikuyu watumia vyote Kikikuyu, Wakamba, Kikamba na Wadigo lugha ya Kidigo. Makao yao Waswahili tangu jadi yanapatikana kaunti ya Pwani. Makao yao yameanzia upande wa Kaskazini Mashariki ya Kenya, na wanapakana na nchi ya Somalia huko. Wameenea katika upwa huo wa Pwani, ikiwamo Lamu, Malindi, Mombasa, Pemba, Unguja, Visiwa vya Ngazija na kuendelea.

Lugha ya Kiswahili ina lahaja nyingi kulingana na sehemu wanamoishi. Kwa mfano, Waswahili wa Lamu huongea lahaja ya Kiswahili inayoitwa Kiamu. Waswahili wa Mombasa huongea lahaja ya Kimvita. Pemba wanaongea Kipemba, Ngazija lahaja ya Kingazija, Unguja lahaja ya Kiunguja na kadhalika. Kutokana na lahaja hizi na nyinginezo za Kiswahili ambazo hazikutajwa hapo, wataalamu wa lugha walitokea na Kiswahili sanifu. Hiki Kiswahili sanifu ndicho kitumiwacho katika mafunzo ya shule, uandishi wa vitabu na mawasiliano ya kiserikali na kibiashara.

Nchini Kenya, kwa muda mrefu Kiswahili hakikuthaminiwa kama Lugha ya Kiingereza. Sababu mojawapo ni kuwa Kiswahili hakikufanywa somo la lazima katika rasimu za shule, wala kutahiniwa katika shule za msingi. Hata katika shule za upili, katika kufunzwa na kutahiniwa hakikupewa umuhimu wowote. Kwa ajili hii wanafunzi wengi waliacha kujifunza Kiswahili kama somo. Hali hiyo ilifanya Kiswahili kuonekana kama lugha inayoongewa na wale watu wasio na kisomo ama elimu nyingi. Kwa ajili ya fikira hizi, watu wengi wamekuwa wakikichukia, kukidunisha na kujaribu kuongea Kiingereza kila nafasi inapojitokeza.

Miaka michache iliyopita, Kiswahili kilianza kutiliwa mkazo katika shughuli zote nchini Kenya. Kwa upande wa msimamo wa nchi lugha hii ilionekana yenye manufaa katika kuleta umoja na kuunganisha wananchi wote. Jambo hili ni muhimu kwa maendeleo ya nchi iwayo yote. Umoja huleta maelewano na undugu. Hali hizi mbili zinapokuwapo, amani husambaa nchini mote.

Tukitazama mfumo wa elimu wa 8-4-4, Kiswahili kimepewa nafasi sawa katika ratiba za shule kama lugha ya Kiingereza. Kiswahili kinatahiniwa kama somo muhimu kuanzia shule ya msingi hadi shule ya upili. Kinyume na enzi za zamani, siku hizi mwanafunzi anayesoma Kiswahili, hata asipofaulu vizuri katika lugha ya Kiingereza ana nafasi sawa ya kupata kazi kama wengine.

Maswali

- a) Fupisha aya tatu za mwanzo kwa maneno 80.
Matayarisho

(alama 7)

Jibu

b) Eleza vile Kiswahili hakikuthaminiwa na namna hali hii inavyobadilika. (alama 8)

Matayarisho

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Jibu

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3. MATUMIZI YA LUGHA (Alama 40)

(a) Toa maelezo ya jinsi ambavyo hewa huzuiliwa wakati wa kutamka sauti hizi. (alama 2)

- i) /p/.....
-
- ii) /ch/.....
-
- iii) /m/.....
- iv) /r/.....

(b) Tenga silabi katika neno: Alimhukumu.

(alama 1)

.....

(c) Tunga sentensi moja yenye kitenzi shirikishi kikamilifu na vitenzi sambamba. (alama 3)

.....

(d) Tumia neno mji kama kielezi cha mfanano.

(alama 1)

.....

(e) Onyesha **namna tatu** za kutumia kiambishi “ji” katika **sentensi moja**, kisha ueleze **matumizi** husika. (alama 3)

.....

.....

(f) Ziweke nomino hizi katika **ngeli** zake.

(alama 2)

i) waya

ii) Kilembwe

(g) Tambua virai vilivyopigiwa mistari ni vya **aina** gani kisha uonyeshe **miundo** yake. (alama 4)

(i) Kikapu kilichofumwa juzi kitauzwa marikiti.

.....

.....

(ii) Wenzetu walikuwa wakijinaki kabla ya dimba.

.....

.....

(h) Eleza **maana mbili** za sentensi: Zainabu alisema atakusaidia.

(alama 2)

.....

.....

(i) Onyesha **majuku** ya mofimu katika neno: awaliaye (alama 3)

.....

.....

.....

(j) Andika **kinyume**: Aliiangika picha ukutani baada ya sherehe. (alama 2)

.....

.....

(k) Unda nomino kutokana na vitenzi vifuatavyo bila kutumia kiambishi ku. (alama 2)

i) Tuma

ii) Pinda

(l) Eleza tofauti iliyopo kati ya ukanushaji na kinyume. (alama 2)

.....

.....

(m) Andika kwa usemi wa taarifa: “Viungo hivi hayitatosha kuunga mchuzi wenu”; mpishi alalamika. (alama 2)

.....

.....

(n) Tumia **visanduku** kuchanganua sentensi ifuatayo: Alipotuona alitupuuza, lakini sisi tulimsalimia. (alama 4)

.....

.....

.....

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.....

- (o) Tumia vitate vya jua , toa na baka katika sentensi tatu tofauti. (alama 3)

.....

.....

.....

- (p) Kamilisha kwa viigizi mwafaka. (alama 2)

(i) Ameanguka matopeni.

(ii) Mlango ulibishwa

- (q) Tofautisha sentensi. (alama 2)

(i) Ungalisoma kwa bidii, ungalipita mthani.

.....

(ii) Ungelisoma kwa bidii, ungelipita mthani.

.....

4. ISIMU JAMII (Alama 10)

Maswali

- a) “..... unaweza kukata rufaa iwapo unaonelea kuwa umehiniwa”

i) Bainisha sajili ya mazungumzo haya.

(al.1)

ii) Fafanua sifa za matumizi ya lugha katika muktadha huu.

(al.4)

.....

.....

.....

.....

.....

.....

.....

b) Jadili changamoto zinazokumba kuimarika kwa Kiswahili katika jamii ya sasa.(al.5)

.....

.....

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.....

.....

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102/3

KISWAHILI

Karatasi ya 3

FASIHI

JUNI 2019

Muda: Saa 2½

MTIHANI WA PAMOJA WA MAJARIBIO - KASSU

Hati ya Kuhitimu Kisomo cha Sekondari

KISWAHILI

Karatasi ya 3

FASIHI

Muda: Saa 2½

MAAGIZO

- Jibu maswali manne pekee.
- Swali la kwanza ni la lazima.
- Maswali hayo mengine matatu yachaguliwe kutoka sehemu nne zilizobaki; yaani: Hadithi fupi, Ushairi, Tamthilia na Fasihi Simulizi.
- Usijibu maswali mawili kutoka sehemu moja.
- Watahiniwa ni lazima wahakikishe kwamba kurasa zote za karatasi hii zimepigwa chapa sawasawa na kuwa maswali yote yamo.
- Majibu yaandikwe kwa lugha ya Kiswahili

SWALI LA LAZIMA

CHOZI LA HERI – A MATEI

“Maisha yangu yalijaa shubiri tangu utotoni.”

- a) Eleza muktadha wa dondoo hili (al. 4)
- b) Kwa kutolea mfano, bainisha tamathali ya usemi inayojitokeza katika kauli hii. (al.2)
- c) Jadili athari za vita katika jumuiya ya Chozi la Heri (al. 14)

TAMTHILIA – KIGOGO - P – KEYA

Jibu swali 2 au 3

2. Siwezi mimi, siwezi, sitaki kuwa gurudumu la akiba hujayaacha hayo?

- a) Eleza muktadha wa dondoo (al.4)
- b) Eleza sifa nne za msemaji wa kauli hii (al.4)
- c) Tambua matumizi 12 ya jazanda katika tamthilia (al. 12)

AU

3. Kuyaopoa mataifa machanga kutoka kwa kinamasi cha madhulumu kuna gharama yake. Ukirejelea tamthilia ya Kigogo, ipatie nguvu kauli hii. (al. 20)

HADITHI FUPI – TUMBO LISILOSHIBA – ALFA C / DUMU K.

Jibu swali 4 au 5

Nizikeni papa hapa – Ken Walibora

4. “Ndugu yangu tahadhari na hawa.....”

- a) Eleza muktadha wa dondoo (al.4)
- b) Eleza sifa za msemewa (al.4)
- c) Taja na ufafanue maudhui sita katika hadithi hii (al.12)

AU

5. a) Tulipokutana Tena – Alfa Chokocho

Jadili jinsi maudhui ya umaskini yalivyoshughulikiwa katika hadithi ya ‘Tulipokutana Tena’.

(al. 10)

Mame Bakari

b) Kina dada wanaobakwa wanakabiliwa na change moto nyingi. Tetea.

(al. 10)

USHAIRI

jibu swali 6 au 7

6. Soma shairi lifuatalo kisha ujibu maswali

Alikwamba wako mama, kajifanya hupuliki,
Kakuasa kila jema, ukawa ng'oo! Hutaki,
Sasa yamekusakama, popote hapashikiki,
Uliyataka mwenyewe!

Babayo lipokuonya, ukamwona ana chuki,
Mambo ukaboronganya, kujifanya hushindiki,
Sasa yamekunganya, kwa yeyote hupendeki,
Uliyataka mwenyewe!

Mazuri uliodhania, yamekuletea dhiki,
Mishikeli miania, kwako ona haitoki
Mwanzo ungekumbukia, ngekuwa huaziriki,
Uliyataka mwenyewe!

Dunia nayo hadaa, kwa fukara na maliki,
Ulimwenguni shujaa, hilo kama hukumbuki,
Ya nini kuyashangaa? Elewa hayafutiki,
Uliyataka mwenyewe!

Mwenyewe umelichimba, la kukuzika handaki,
Ulijidhania samba, hutishiki na fataki,
Machangu yamekukumba, hata neno hutamki,
Uliyataka mwenyewe!

Kwa mno ulijivuna, kwa mambo ukadiriki,
Na tena ukajiona, kwamba we mstahiki,

Ndugu umepatikana, mikanganyo huepuki,
Uliyataka mweyewe!

Maswali

- a) Eleza dhamira ya shairi hili (al.2)
- b) Tambua njia mbili anazotumia mtunzi wa shairi hili kuusisitiza ujumbe wake. (al.2)
- c) Taja na utoe mifano ya aina zozote mbili za tamathali za usemi zilizotumika katika shairi. (al.4)
- d) Andika ubeti wa tatu katika lugha nathari/tutumbi (al.4)
- e) Kwa kutoa mfano mmoja mmoja onyesha aina mbili za idhini ya kishairi katika shairi hili (al.4)
- f) Bainisha toni ya shairi hili (al.2)
- g) Eleza maana ya maneno haya kama yalivyotumiwa katika shairi (al.2)
 - i) mstahiki
 - ii) hupuliki

SHAIRI

7. Soma shairi lifuatalo kisha ujibu maswali

Nikiwa na njaa na matambara mwilini
Nimehudumika kama hayawani
Kupigwa na kutukanwa
Kimya kama kupita kwa shetani
Nafasi ya kupumzika hakuna
Ya kulala hakuna
Ya kuwaza hakuna
Basi kwani hili kufanyika
Ni kosa gani lilotendeka
Liloniletea adhabu hii isomalizika?

Ewe mwewe urukaye juu angani
Wajua lililomo mwangu moyoni
Niambie pale mipunga inapopepea
Ikatema miale ya jua

Mamangu bado angali amesimama akinisubiri?
 Je nadhari hujitokeza usoni
 Ikielekea huku kizuizini?
 Mpenzi mama, nitarudi nyumbani
 Nitarudi hata kama ni kifoni
 Hata kama maiti yangu imekatikakatika
 Vipande elfu, elfu kumi
 Nitarudi nyumbani
 Nikipenya kwenye ukuta huu
 Nikipitia mwingine kama shetani
 Nitarudi mpenzi mama...
 Hata kama kifoni.

Maswali

- a) Lipe shairi hili kichwa mwafaka (al.1)
- b) Tambua nafsini katika shairi hili (al.2)
- c) Eleza toni katika shairi hili (al.2)
- d) Taja mambo manne ambayo mshairi analalamikia (al.4)
- e) Fafanua dhamira katika shairi hili (al.2)
- f) Thibitisha kuwa hili ni shairi huru (al.2)
- g) Taja na ufafanue sifa mbili za mshairi (al.2)
- h) Fafanua mbinu 3 za kimtindo zilizotumika katika ubeti wa tatu (al.3)
- i) Eleza maana ya maneno yafuatayo kama yalivyotumiwa katika shairi hili (al.2)
 - i) Hayawani
 - ii) Nadhari

FASIHI SIMULIZI

- a) Maudhui na Fani ya maigizo hutegemea mwigizaji. Thibitisha kwa hoja tano. (al. 5)
- b) Taja aina mbili za miviga (al. 2)
- c) Eleza hasara tatu za miviga (al. 3)
- d) Soma kifungu kifuatacho kisha ujibu maswali

Ikiwa wewe kweli ni mkazamwanangu
Name ndiye nilompa uhai mwana unoringia
Anokufanya upite ukinitemea mate
Chakula kuninyima, wajukuu kunikataza ushirika,
Miungu nawaone chozi langu, wasikie kilio changu,
Mizimu nawaone uchungu wangu
Radhi zao wasiwahi kukupa,
Laana wakumiminie,
Uje kulizwa mara mia na wanao,
Usiwahi kufurahia hata siku moja pato lao,
Watalokupa likuletee simanzi badala ya furaha
Wakazawanao wasikuuguze katika utu uzima wako!

Maswali

- i. Tambua aina ya mazungumzo katika tungo na utoe sabau (al.2)
- ii. Msemaji ni nani katika tungo hili (al. 1)
- iii. Tambua sifa mbili za anayeelekezewa mazungumzo haya (al. 2)
- iv. Taja na ueleze sifa tano za kipera hiki cha mazungumzo (al. 5)

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Name..... Adm..... Class.....

Date:.....

101/1
ENGLISH
Paper 1
(Functional writing, cloze test
and oral skills.)
June-2019
2 Hours.

KASSU JET JOINT EXAMINATION

Kenya Certificate of Secondary School Education

INSTRUCTIONS TO STUDENTS

1. Write your name admission number and class in the spaces provided above.
2. Answer **all** the questions in this question paper.
3. All your answers **must** be written in the spaces provided in this question paper.
4. This paper consists of 9 printed pages.

For Examiner's use only

Ques.	Max. Score	Student's Score
1	20	
2	10	
3	30	
TOTAL SCORE		



1. Your pen-friend in the USA is very interested in your studies. Recently he/she asked you to tell him about the set books you are currently studying. Write a book review for *The Blossoms of the Savannah* by Henry ole Kulet which you will send to him/her. (20 marks)

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2. Read the passage below and answer the questions that follow. (10 marks)

Universities (i)..... been the subject of public discourse in the (ii)..... few weeks for several reasons. The first is the (iii)..... enrolments due to a reduced number of qualifiers as the government tightens the nuts in (iv)..... administration at high school, locking out cheats and stabilising performance. The second, and quite critical, is the inability of some (v)..... and several courses to (vi)..... students, technically rendering them untenable, hence an inevitable shutdown. The (vii)....., and which is the subject here, is the excruciating financial (viii)..... afflicting the institutions of higher learning. The latest Auditor-General's report presents a grim picture of the financial upheavals in (ix)..... universities. Private universities are no exception either, only that they are not audited by the (x).....; they are equally hard-hit, if not worse.



3.

a) Read the following poem and answer the questions that follow

RAIN FOREST

The forest drips and glows with green
The tree frog croaks his far-off song
His voice is stillness, moss and vain
Drunk from the forest ages long

We cannot understand that call
Unless we move into his dream
Where all is one and one is all
And frog and python are the same

We with our quick dividing eyes
Measure, distinguish, and are gone
The forest burns, the tree frog dies
Yet one is all and all are one

(Judith Wright)

i) Chart the **rhyme scheme** of the poem above.

(2 marks)

.....

.....

.....

.....



ii) Apart from rhyme, how else does the writer achieve rhythm in the poem?

(2 marks)

.....

.....

.....

.....

iii) How would you perform the last two lines of the poem? (2 marks)

.....

.....

.....

.....

b) Imagine that you are a journalist with one of the leading media houses. You have been assigned to interview one of the most prominent businessmen in the country. What **three** things would you do before the interview? (3 marks)

.....

.....

.....

.....

.....

.....



- c) You have had a successful group discussion on 'Blossoms of the Savanna' by H.E Ole Kutet. Mention **three** factors that made the group discussion effective. (4 marks)

.....

.....

.....

.....

.....

- d) Provide a word that is **pronounced the same** as each of the following words. (3 marks)

- i) Cue
- ii) Pier
- iii) Himn
- iv) Quire

- e) Your classmate had been asked to execute a presentation on the integration of ICT in learning. During his speech, he sweated and appeared nervous. State any **three** ways he would have overcome that. (3 marks)

.....

.....

.....

- f) Pick the **silent letter(s)** in the following words. (2 marks)

- i) Vehemence
- ii) Yacht



g) For each of the following utterances; indicate whether you would say it with **rising** or **falling intonation**. (4 marks)

- i) Which factory does John work?
- ii) Did you say you are moving out?
- iii) How do you rate the Liverpool team?
- iv) They offer very delicious food in that hotel.

h) **Your neighbor is being attacked by thugs in his house. You hear the distress call and decide to call the nearest police station.**
Below is part of the telephone conversation. Fill in the missing parts

You (1):

Duty officer: I'm sorry the O.C.S is not at the station for now. Could you please identify yourself and state what I can do for you?

You (2):

Duty Office: That's very unfortunate. Could you give me the details of your exact location?

You (3) :

.....

.....

Duty Office: I'll get in touch with the O.C.S right away and see what we can do about it.

You (4) :

.....
.....
Duty Office: No, no, it won't take long. We'll try to be there as soon as we call. Bye for now.

You (5):

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NAME: Adm: Class:.....

Index:

Candidate's Sign:

101/2

ENGLISH

Paper 2

(Comprehension, Literary
Appreciation and Grammar)

MAY/JUNE - 2019

Time: 2½ Hours

KASSUJET JOINT MOCK EXAMINATION
Kenya Certificate of Secondary Education

Instructions to Candidates

- Write your *name, index number and class* in the spaces provided.
- Answer *all* the questions in the spaces provided. Do not use white out or correction pen
- This paper has **14 printed pages**. Ensure that none of the questions is missing.
- Write legibly and neatly. Use *blue ink*.
- All answers must be in English.

FOR EXAMINER'S USE ONLY

Question	Max Score	Student's Score
1	20	
2	25	
3	20	
4	15	
TOTAL SCORE	80	



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1. Read the passage below and then answer the questions that follow.

(20 marks)

Happiness arises largely from the mental qualities of contentment, confidence, serenity and active good-will. It includes the pain of losing as well as the pleasure of finding. It thrives best in a crowded life. The men and women who are recorded in history and biography as the most happy were with always somewhat more to do than they could possibly do. Every waking hour of their lives was occupied with ambitious projects, literature, love, politics, science, friendship, commerce, professions, trades, their religious faith, and a thousand other matters. The secret of happiness may be found by making each of these interests count to its utmost as part of the fabric of life.

We need to avoid the extremes of sluggish placidity and feverish activity. We are not going to be satisfied with **felicity** which resembles that of a stone, unfeeling and unmoving, but will look back from future years with sorrow and regret if we run to and fro, giving in to what Socrates called 'the itch'.

Happiness obviously includes two sorts of behavior: active and passive. We may say that the active part consists in searching and sharing, while the passive part is made up of security and possession. Neither part is complete in itself, nor yields full satisfaction if it is over-emphasized. Philosophers from the ancient Greeks to the present day have been **extolling** a balanced life as the happiest life, and many unhappy people can, when they face the issue, trace their discontent to imbalance.

The recipe for happiness cannot be given in any single word because its many virtues have to be combined in their proper quantities, at the proper times for proper purposes.

It is legitimate to seek happiness. We cannot help observing that while followers of some schools of thought are telling us to avoid seeking happiness, they **intimate** that if we do so, we shall be happy.

The search requires a plan. We need to know what sort of happiness we seek, what the ingredients are, what our strongest wants are, and what we have to start with. We should train ourselves to keep the programme simple, and free from complications and side trips, to pay attention to little things, to deflate quickly after being praised and to bounce back quickly from disappointment, to seize to create opportunities to put our special abilities to work, to seek excellence in everything we do, to remain modest, and to review and revise periodically.

Most of us do not really have to seek far and wide. Happiness grows at our own fireside, if we cultivate it.

(1 mark)

a) According to the writer, what is the source of happiness?

.....

.....

.....



b) What **two** sorts of behaviour does happiness include?

(2 marks)

.....

.....

.....

.....

c) What does the writer mean when he talks about a balanced life?

(1 mark)

.....

.....

.....

d) In a paragraph of **about 30** words, summarize the things we must know as we search for happiness.

(4 marks)

.....

.....

.....

.....

.....

.....

e) Explain the **irony** in the passage.

(2 marks)

.....

.....

.....



f) Explain the writer's point in the last paragraph of the passage. (2 marks)

.....

.....

g) The recipe for happiness cannot be given in any single word.
(Rewrite the sentence **beginning**: *No single word...*) (1 mark)

.....

.....

h) Identify and comment on any **one** figure of speech used in the passage. (2 marks)

.....

.....

.....

.....

i) Describe the **tone** of this passage. (2 marks)

.....

.....

.....

j) Explain the meaning of the following words as used in the passage: (3 marks)

- i) extolling
- ii) intimate
- iii) felicity



2. Read the passage below and answer the questions after it.

(25 marks)

Mrs Linde: Do you mean never to tell him about it?

Nora: (*meditatively, and with half smile*) Yes – someday, perhaps, after many years, when I am no longer as nice-looking as I am now. Don't laugh at me! I mean, of course, when Torvald is no longer as devoted as he is now; when my dancing and dressing-up and reciting have **palled** on him; then it may be a good thing to have something in reserve – (*breaking off*) What nonsense! That time will never come. Now, what do you think of my great secret, Christine? Do you still think I am of no use? I can tell you, too, that this affair has caused me a lot of worry. It has by no means easy for me to meet my engagements punctually. I may tell you that there is something called, in business, quarterly interest, and another thing called payment in instalments, and it is always so dreadfully difficult to manage them. I have had to **save a little here and there**, where I could, you understand. I have not been able to put aside much from my **housekeeping money**, for Torvald must have a good table. I couldn't let my children be shabbily dressed; I have felt obliged to use up all he gave me for them, the sweet little darlings!

Mrs. Linde: So it has all had come out of your own necessities of life, poor Nora?

Nora: Of course. Besides, I was the one responsible for it. Whenever Torvald has given me money for new dresses and such things, I have never spent more than half of it. I have always bought the simplest and the cheapest things. Thank Heaven, any clothes look well on me, and so Torvald has never noticed it. But it was often very hard for me, Christine – because it is delightful to be well dressed, isn't it?

Mrs. Linde: Quite so.

Nora: Well, then I have found other ways of earning money. Last winter I was lucky enough to do a lot of copying to do; so I locked myself up and sat writing every evening until quite late at night. Many times I was desperately tired; but all the same it was a tremendous pleasure to sit there working and earning money. It was like being a man.

Mrs. Linde: How much have you been able to pay off in that way?

Nora: I can't tell you exactly. You see it is very difficult to keep an account of a business matter of that kind. I only know that I have paid every penny that I could scrape together. Many a time I was at wits' end (*smiles*) Then I used to sit there and imagine that a rich old gentleman had fallen in love with me –

Mrs. Linde: What! Who was it!

Nora: Be quiet! – that he died; and that when his will was opened, it contained, written in big letters, the instruction: "The lovely Mrs. Nora Helmer is to have all I possess paid over to her at once in cash."

(a) Where and when does this encounter take place?

(2 marks)

.....

.....

.....

.....

(b) What is this secret that Nora wants to guard so jealously? Explain with evidence from elsewhere in the play.

(3 marks)

.....

.....

.....

.....

.....

(c) Describe Nora's **mood** as she tells Mrs. Linde her story.

(3 marks)

.....

.....

.....

.....

.....



(d) Why is it necessary that Nora tells Mrs. Linde her story?

(2 marks)

.....

.....

.....

.....

(e) Comment on any **two** themes that are highlighted in this extract.

(4 marks)

.....

.....

.....

.....

.....

(f) "Be quiet!" (Rewrite this in **reported speech**.)

(1 mark)

.....

.....

(g) Give an example of "wishful thinking" found in this extract.

(1 mark)

.....

.....

.....



(h) Referring to Nora's first speech in the extract, identify and comment on any **two** traits of hers. (4 marks)

.....

.....

.....

.....

.....

(i) "It was like being a man" Basing your observation on this statement, briefly comment on the society's attitude towards women. (2 marks)

.....

.....

.....

(j) Explain the meaning of the following expressions as used in the extract: (3 marks)

i) palled:

ii) save a little here and there.

iv) housekeeping money.



3. Read the poem below and then answer the questions that follow.

(20 marks)

HE PROMISED ME HEAVEN.

He promised me heaven
As side by side walked me down the aisle
As the chime of the wedding bell brightened the day
As sweet — sounding songs soothed our souls
As he held my hand and inserted this ring into my finger
I knew that my heaven had come
For then he promised me heaven.

As we sat close and cherished our moon of honey
As he whispered cream-icing into my ears
Dramatically conjuring metaphor after metaphor
Humming lullaby after lullaby
How elated I felt for being so much elevated
For here he was, my guardian angel
To take me to heaven
For he promised me heaven

As one year later he slapped me again and again
I quickly forgave and forgot
For he was my idol
Who had promised me heaven
Even as the floodgate of blow after blow
Kick after kick
Opened from its cage of disaster

Defacing and eroding the beauty he so much praised
Converting me into a shell of torture
How patiently I clung to him



Anticipating the heaven he had promised me
Now as I lie in the hospital bed
Unable to rise from his violent battery
Waiting for the Angel of Death
I realize he kept his promise
For I am soon going to heaven
Because he promised me heaven.

(a) Identify the persona? (2 marks)

.....

.....

(b) Explain the main **theme** of the poem (2 marks)

.....

.....

.....

(c) Using the plot of the poem, explain the major changes in the subject matter. (4 marks)

.....

.....

.....

.....

.....

(d) What is speaker's **mood** in the last six lines of the poem? (2 marks)

.....

.....



(e) Give **one** character trait of the persona

(2 marks)

.....

.....

.....

(f) Explain the **irony** in the poem

(2 marks)

.....

.....

.....

(g) Apart from irony, identify and illustrate any **one** other style used in the poem.

(2 marks)

.....

.....

(h) What is the **tone** in stanzas 1 and 2 of this poem

(2 marks)

.....

.....

.....

(i) Explain the meaning of the following line:

(2 marks)

i) As he whispered cream icing into my ears.

.....

.....



4 (a) Without changing the meaning, rewrite the following sentences according to the instructions after each. (4 marks)

(j) Passing examination is a goal. Every candidate should aim at it. (Write as **one** sentence using 'to')

.....

(ii) I thought that you would like to hear what happened. (Rewrite using 'occurred' in place of 'thought'.)

.....

(iii) I shall be saved a lot of trouble by that. (Begin: That)

.....

(iv) The President was impressed by her good performance. He sponsored her education. (Combine using a **past participle**)

.....

.....

(b) Rewrite the following sentences to remove **gender bias**.

(3 marks)

(i) The fire man fought a losing battle against the raging fire.

.....

(ii) The governor appointed his mistress secretary of the CDF project.

.....

(iii) The head of state should treat his or her citizens with respect.

.....



(c) Explain the *difference between this pair of sentences*.

(2 marks)

(i) The thief ran so fast that I could not catch up with him.

(ii) The thief ran fast so that I could not catch up with him.

(d) Determine whether the verbs in the sentences below have been used *transitively* or *intransitively*.

(3 marks)

(i) Manchester city won the premium league.

(ii) The deceased wept bitterly.

(iii) Obed bought a car.

(e) Replace the underlined *idiomatic expressions* using a single word.

(1 mark)

(i) The student complained that his father was close-fisted.



(f) *Chose the correct alternative from the pronouns given to complete the sentences.* (2 marks)

(i) The shooting at night startled Mike and (I /me)

(ii) The Principal and (she/her) left the compound.

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Name..... Adm:Class.....

Date.....

KASSU JET

101/3

ENGLISH

PAPER 3 (Creative Writing and Essay based on Set Texts)

MAY/JUNE, 2019

TIME: 2 ½ HOURS

Instructions to candidates:

- Write your *name, admission number, class, index number and date* in the spaces provided below.
- Answer *three* questions only.
- Questions *one and two* are compulsory. Choose only *one* question from question three.
- Each of your essays must not exceed *450 words*.
- Write legibly and neatly in blue ink.

For Examiner's use only.

Question	Maximum Score	Student's Score
1.	20	
2.	20	
3.	20	
Total	60	

This paper consists of 8 printed pages. Ensure no page is missing.



1. Either

(a) Write a composition **ending** with the following statement:

.....when I finally heard the gunshot, I instinctively closed my eyes and waited for the impact.

Or

(b) Write a story to illustrate the **proverb**;

'Good things come to those who wait.'

2. Compulsory Set Text

(20 marks)

Ole Kulet's *Blossoms of the Savannah*

Man is the defacto leader of the family and when he falters many things are bound to go wrong. Using Ole Kaelo for reference in the *Blossoms of the Savannah* by H.R. Ole Kulet validate this assertion.

3. Optional Texts

(20 marks)

(a) The Short Story: *Memories We Los and other Stories from Africa*.

In the family the child require the presence and guidance of both parents for good upbringing. Write an essay in support of this statement drawing illustrations from Lesley Nneka's *Light*.

(b) The Novel: *Pearl*

"Appearance can be deceptive" With close reference to the text *The Pearl* write an essay in support of the statement.

KASU JOINT EXAMINATION

451/2 - COMPUTER STUDIES – Paper 2

(PRACTICAL)

JUNE 2019

TIME: 2½ HRS

JUNE EXAMINATION

Kenya Certificate of Secondary Education
(K.C.S.E)

Name.....Adm.No.....

Index No.Class.....Signature

INSTRUCTIONS TO CANDIDATES

1. Type your name and admission number at the top right hand corner of each printout
2. Sign and write the date of the examination below the name and index number on each printout
3. Write your name and index number on the compact disks
4. Write the name and version of the software used for each question attempted in the answer sheet
5. Passwords should not be used while saving in the compact disks
6. Answer all the questions
7. All questions carry equal marks
8. All answers must be saved in your compact disks
9. Make a printout of the answers on the answer sheets provided
10. Hand in all the printouts and the compact disks.

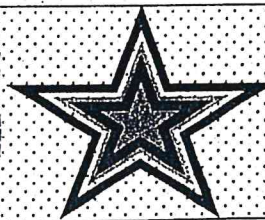
This paper consists of 6 printed pages. Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.

(a) (i) Create a **folder** and name it as the **last three digits** of your index number.(1 mark

(ii) Create the document as it appears and save as **OS_RAW**".

(17 Marks)

TYPES OF OPERATING SYSTEMS



When identifying an operating system, it is important to consider certain aspects of classification in order to group them correctly. Therefore operating systems can be classified according to:

1. *Number of tasks*
2. *Number of users*
3. *User interface*

CLASSIFICATION ACCORDING TO NUMBER OF TASKS

SINGLE TASKING OPERATING SYSTEM	MULTITASKING OPERATING SYSTEM
allows the computer to perform only one task at a time	allows a single CPU to perform several operations at the same time.
the processing task taking place must first finish executing before another task is assigned the processor	the processor switches from one task to another as directed by the operating system at a very high rate

CLASSIFICATION ACCORDING TO INTERFACE

INTERFACE refers to the method of interaction between the user and the computer and interface is seen as what lies between the user and the computer that brings them together in an understandable form by the user, hence making the use of the computer possible.

The underlying principle in operating system as design is to make the interface as easy as possible.

The consideration of operating systems mainly depends on the interface, that is user friendly (ease of using) it is, therefore the more user friendly the interface is, the more easy to operate the computer.

COMMAND-LINE BASED OPERATING SYSTEMS

Command-line user interface operating systems was used by the first operating systems which only provided the user with a black screen to type a command at the prompt. The computer reads the typed command from the command line and executes it. For the command -line operating system to be more user friendly, English like words- descriptive verbs ie print, copy etc and unique abbreviations ie DEL, REN, CHKDSK etc were used as commands.

Command-line operating systems are not user friendly because;

- It is difficult to remember all the commands
- It cannot process complex graphics
- It cannot support the emerging hardware and software technologies.

- (b) Set the page as follows: (4 marks)
- (i) Paper size: A4
 - (ii) Measurements: inches.
 - (iii) Set margins: 1.2" all round
 - (iv) Font type: Times Roman
- (c) Spell check the document. (1 mark)
- (d) Save the document above as **OS_FORMAT**, in the folder created and apply the following format. (1 mark)
- (e) (i) Apply hanging Indent the first paragraph starting with "*When identifying an operating system*" By 0.8". (1 mark)
- (ii) Convert all the text from the paragraph starting with "*The underlying principle*" into three columns of the same width and height and a line between. (2 marks)
- (ii) Change the line spacing for the entire paragraph starting with "Command-line user interface" to 1.5. (1 mark)
- (f) Format the "Star" as follows: (2 marks)
- Height: 0.74"
 - width: 0.92"
- (g) Apply the following format to the document;
- (i) Insert water mark with the text "*Operating Systems*" on the document of font size 20 and running diagonally from left to right. Apply red colour. (4 marks)
- (ii) Insert page numbering at the bottom centre of every page *x of y*. (1 mark)
- (iii) Insert the text "name and index number " as the header align to the right. (2 marks)
- (iv) Replace the word **REN** with the word **RENAME** (1 Mark)
- (v) Insert an endnote to explain the meaning of the term CHKDSK in the document. (2 marks)
- (vi) Create page border made of dotted line. (2 marks)

(h) Insert a break at the end of the document created such that the new section on a new page. (1 mark)

(i)(f) Table 1 below shows various operating system market dominance from the year 2017 to 2019 in percentage. Insert a bar chart in the new section to represent the information shown in the following table. (3 marks)

OS Name	Year 2019	Year 2018	Year 2017
Windows	75.47	71.4	69.72
MacOS X	12.33	9.67	8.13
Linux	1.67	1.51	1.42
Chrome OS	1.11	1.01	0.91
Others	9.42	8.82	8.15

Table 1

(II) Apply a grey background to the area created in (ii) above. (1 mark)

(III) Insert the caption "*Operating System Market Dominance 2017-2019*". (1 mark)

(VI) Change the orientation of the page containing the chart to landscape. (1 mark)

(VII) Save the document in the folder created and print on both sides of the paper. (1 mark)

2. The table below shows extract orders made by several school in Kopyo Carpentry Workshop.

School Number	Furniture Number	School Name	School Category	Furniture Name	Furniture Material	Carpenter Name	Carpenter Number	Number Ordered
104	11-01	Vision	Mixed	Desk	Mahogany	Alpha	CA-1	12
106	11-02	karatasi	Boys	Chair	Elgon teak	Baya	CA-2	13
120	12-01	Dove	Girls	Table	Elgon teak	Maria	CA-3	16
189	12-02	Manar	Mixed	Single bed	Mahogany	Alpha	CA-1	12
199	13-01	Pepeo	Boys	Office desk	Cedar	Baya	CA-2	13
200	11-01	Rehema	Girls	Desk	Mahogany	Maria	CA-3	16
210	11-02	Kasuku	Mixed	Chair	Metallic	Alpha	CA-1	12
222	12-01	Kapema	Mixed	Table	Cedar	Baya	CA-2	13
234	13-01	Ravel	Boys	Office desk	Mahogany	Maria	CA-3	16
244	13-02	Eagle	Girls	Double bed	Metallic	Maria	CA-3	16
256	11-02	Goose	Boys	Chair	Metallic	Tom	CA-4	20
270	13-02	Hornbill	Girls	Double bed	Metallic	Tom	CA-4	22

Table 2

(iii) Using a database application package, create a database file named **Kopyo Carpentry**.

(1 mark)

(iv) Create three tables, one to store student details, book details and publisher detail. Name the tables as **School_Details** and **Furniture_Details** and **Carpenters_Details**.

(3 marks)

(v) Assign an appropriate primary key to each table.

(2 marks)

(vi) Create a relationship between the three tables.

(2 marks)

(v) Enforce referential integrity

(1 mark)

(b)(i) Create data entry form for each table.

(2 marks)

(ii) Use the forms to enter the respective data in table 1 above.

(15 marks)

(c) Modify the books table so as to capture the date the book was borrowed and returned for each student as shown below.

(3 marks)

Furniture Number	Purchase Price
11-01	3800
11-02	2000
12-01	2600
12-02	4800
13-01	4000
13-02	4600

Table 3

(d) (i) Create a query named **B_Query** to display furniture number, school name, school category, furniture material, carpenter and number ordered.

(3 marks)

(ii) Create a query named **Order_Query** to display school names, furniture name, material, purchase price and number of ordered items. Show records whose school name start with letter "K" and ordered chairs.

(5 marks)

(e) Create a report named **S_Report** to display furniture number, school name, furniture name, purchase price, number of items ordered and total income collected.

(10 marks)

- The records in the report should be grouped by furniture material.
- Show the number of items per group.
- Title the report "Kopiyo Carpentry Workshop Services".

(f) Print the following:

(3 marks)

(i) Tables: School_Details and Furniture_Details

(iii) Queries : B_Query and Order_Query (iv) Report: S_Report