KAMPALA CATHOLIC CONSULTANCY EXAMS (KACCE)

MOCK EXAMINATION 2023

PRIMARY SEVEN

MATHEMATICS

Time allowed 2hrs 30 minutes

Date: _____

INDEX No. | | | | | | | | | |

Candidate's Name: _____

School Name: _____

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO

Read the following instructions carefully.

1. This paper is made of Section A and B.
2. Section A has 20 questions (40 marks)
3. Section B has 12 questions (60 marks)
4. Attempt all questions. All working to both sections A and B must be done in the spaces provided.
5. The working must be written using blue or black ball-point pen or ink. Only diagrams and graph work may be done in pencil.
6. Unnecessary alteration of work will lead to loss of marks.
7. Any handwriting that cannot easily be read may lead to loss of marks.
8. Electronic calculators and mathematical tables are not allowed in examination room.

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SECTION	EXAMS MARKS	T/L MARKS	OFFICE
A			
B			
TOTAL			

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SECTION A

1. Work out: 86 – 7=

2. Express $\frac{18}{7}$ as a mixed numeral.

3. Write 179 in roman numerals.

4. Write 13.013 in words.

5. Find the value of 8 in the number 28096

6. Convert 143_{five} to base ten.

7. Simplify: 3a – 4a + a + 2b.

8. With the help of a protractor, draw an angle of 63^{0} in the space provided below.

9. If 2 books cost sh.6300. Find the cost of 5 similar books.

10. Maama Kasimu's cow gives him 2.7 litres of milk every day. How many millilitres of milk does it give him every day?

11. Find the mean of (3+2n), 7, (5 +3n), 2 and 13.

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12. What evening time in the 24 hour clock system is shown on the clock face?

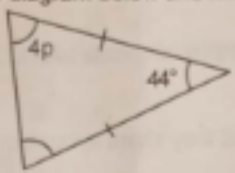
_____

13. Mr. Isabirye whose class has a total number of 72 pupils, counted the number of pupils absent on a certain day and tallied as below.

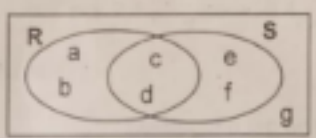
𝍸 𝍸 |||

How many pupils were present on that day from his class?

14. Study the diagram below and find the size of **p** in degrees.



15. Use the Venn diagram below to answer the question below it.



How many elements are not found in set (R)'?

16. Simplify: $^{-}8 - {}^{+}3$

17. Find the next number in the sequence.

1, 3, 6, 11, 18, _____

18. A motorist drove at 72km/h for 45 minutes. Find the distance he covered.

19. Given that a = b = $^{-}3$ and d = $^{-}2$. Find the value of; d – (a + b)

20. A primary seven pupil bought a fountain pen at sh.4000 and later sold it for shs. 3200. Find his percentage loss.

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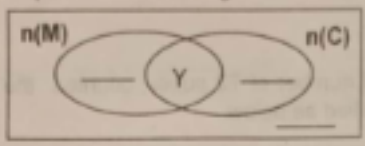
SECTION B

21. In a certain classs, (2y + 3) pupils like matooke (M) only, y like both matooke and cassava, 15 pupils like cassava (C) while 4 pupils like none of the food stuffs.

(a) Complete the Venn-diagram below.



(3 marks)

(b) Given that 30 pupils like only one food stuff, find the value of y.

(2 marks)

22. A certain amount of money was shared among three candidates Abudul, Baker and Christine in the ratio of 3 : 4 : 7 respectively.

(a) If Baker got sh. 42,000, how much money did they share altogether?

(3 marks)

(b) How much money did Abudul and Christine get altogether?

(2 marks

23. (a) Solve the inequality $9 \leq \bar{}3(y - 1)$

(3 marks)

b) In a market, the cost of an apple is sh.(p + 700). The cost of a mongo is sh.400 less than the cost of an apple. Amina paid sh.5700 for 2 mangoes and 3 apples. What is the cost of each item?

(3 marks)

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24. Sr.Anna-Mary went shopping and bought these items as shown in the table below.

Item	Quantity	Unit cost	Amount
Sugar	_____ kg	Sh. 4000	Sh. _____
Tea leaves	750gms	Sh. 3000	Sh. _____
Meat	1½ kg	Sh. 14000	Sh. _____
		Total	**Sh 35,250**

a) Complete the table.

(4 Marks)

(b) If she was given a change of sh. 4750, how much had she at first?

(1 mark)

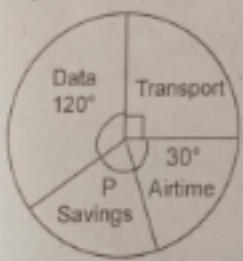
25. (a) Subtract: $2\,4\,2_{five}$ from $30\,4_{five}$

(2 marks)

(b) If $201_n = 51$, find the value of n.

(3 marks)

26. The pie-chart below shows how Tr. Specioza spends her weekly allowance of 480,000. Study it carefully and use it to answer questions that follow.



a) Find the value of p in degrees.

(3 marks)

(b) How much more money does he spend on transport than he saves?

(2 marks)

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27 (i) Simplify: $\frac{0.24 \times 0.4}{0.6 \times 0.2}$

(2 marks)

b) What number has been expanded to give $(5 \times 10^2) + (9 \times 10^0) + (3 \times 10^{-2})$

(2 marks)

28. Musoke was asked to make a cover of a cylindrical water tank of capacity 43.12 litres and height of 70cm. Find the area of the cover.

(5marks)

29. Using a pair of compasses, ruler and a pencil only, construct a triangle DEV where line DE = 6 cm, angle VDE =120° and line VD = 4 cm. Drop a perpendicular to meet DE at G

(5marks)

(b) Measure line VG = ...cm

(1mark)

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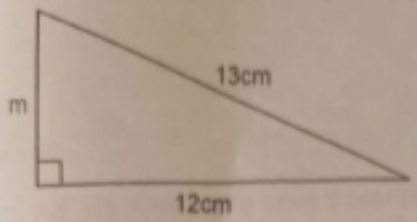
30. Below is a right angled triangle study it and:-



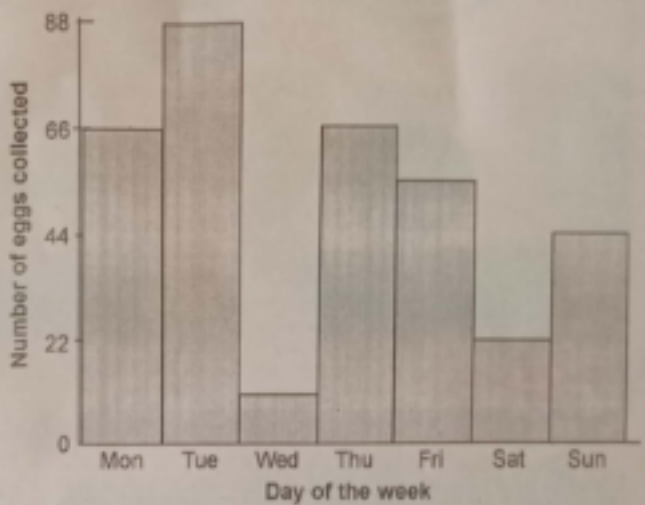
a) Find the value of m

(3 marks)

(b) Work out the area of the triangle.

(2 marks)

31. The bar graph below shows the number of eggs collected from Mr. Ssenabulya's farm in a week. Study it carefully and use it to answer the question that follows



i) On which day was the list number of eggs collected?

(1 mark)

ii) How many eggs were collected from the farm throughout the week?

(2 marks)

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iii) For how many days was the number of eggs collected less than the average

(3marks)

32. Fr. Pius read a story book in four days. He read 2 more pages each day than the previous day. If he read 68 pages altogether in the 4 days, how many pages did he read on the first day?

(04 marks)

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KAMPALA CATHOLIC CONSULTANCY EXAMS (KACCE)

MOCK EXAMINATION 2023

PRIMARY SEVEN

SOCIAL STUDIES

Time allowed 2hrs 15 minutes

Date: _____

INDEX No. | | | | | | | | | |

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School Name: _____

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B			
TOTAL			

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SOCIAL STUDIES

1. Why is it not good to read a map without a title?

   _____

2. Of what importance is a dustbin in a classroom?

   _____

3. State any one economic contribution of the Bachwezi.

   _____

4. Why does a school need to employ security guards?

   _____

5. State the importance of local councils (L.C 1 committees) in villages.

   _____

6. Mention one problem faced by people living in and around Kampala.

   _____

7. Give any one reasons why there is rural-urban migration today.

   _____

8 What name is given to the tax charged on imports?

   _____

9. What can the government of Uganda do to attract more tourists into the country?

   _____

10. How do elephants benefit from vegetation in areas where they stay?

    _____

11. Write down any one factor that makes areas in Karamoja to have scattered vegetation.

    _____

12. State any one reason why Aminah in primary seven should protect and conserve grass planted in the school compound.

    _____

13. State any one way in which Mabira forests can be a danger to people near it.

    _____

14. Why is the cement industry located in Hima and not in Masaka?

    _____

15. How is a class register important to classroom teachers?

    _____

16. Give any one reason why this road sign is put on busy roads.

    _____

    _____

17. State any one reason why the government of Uganda is creating more districts.

    _____

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18. State the main economic activity carried out on Lake Victoria.

_____

19. State any **one** advantage Kenya has over Uganda when carrying out international trade.

_____

20. Why do schools organize regular prefect elections?

_____

21. What happens to a law breaker when the court has proved him/ her guilty?

_____

22. Give **one** reason why newly born babies are issued with birth certificates.

_____

23. Why is the cradle land of mankind linked to Olduvai Gorge in Tanzania?

_____

24. Give any **one** way in which Inter-Schools Games and Sports Competitions are important to school children.

_____

25. How did the introduction of National Identity Cards to citizens help to promote security in Uganda?

_____

26. Give any **one** importance of having a national language in a country.

_____

27. What is meant by the term '**planted vegetation**'?

_____

28. How is mountain Kilimanjaro similar to mountain Elgon in terms of their formation?

_____

29. Write down one challenge faced by people at their work in the community.

_____

30. How are the Bagisu similar to the Bakonjo in terms of their culture?

_____

31. Give one reason why you think that Lake Victoria is at a high altitude than Lake Kyoga.

_____

32. Mention one product got from hides.

_____

33. Give any one reason why people in a district are represented in the national parliament

_____

34. Why is tourism called an invisible trade?

_____

35. How do people in rural areas benefit from the establishment of small scale industries?

_____

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For each of the questions 36-40, answer either Christian or Islamic but not both.

36. **Either:** Give one reason why God created Eva from Adam's rib.

    _____

    Or: Why did Allah create Hawa from Adam's rib?

    _____

37. **Either:** Which angel announced the birth of Jesus Christ to Virgin Mary?

    _____

    Or Which angel appeared to Prophet Muhammad on Mt. Hira

    _____

38. **Either:** What was Moses' work before he was called by God?

    _____

    Or: What was Musa's work before he became a prophet?

    _____

39. **Either:** Give one evidence to show that Noah was faithful to God.

    _____

    Or: Give one evidence to show that Prophet Nuhu was faithful to Allah.

    _____

40. **Either:** Give any one way in which God communicates to Christians.

    _____

    Or: Give any one way in which Allah communicates to Muslims.

    _____

SECTION B

41. a) Mention one trade item during the long distance trade.

    _____

    b) Name two tribes that participated in the long distance trade.

    i) _____ ii) _____

    c) How did the long distance trade negatively affect the tourism industry?

    _____

42. a) Write EALA in full.

    _____

    b) Why was EAC formed in 1967?

    _____

    c) Why did South Sudan Join the EAC in 2016?

    _____

    d) How have the member countries benefitted from EAC

    _____

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43. **Study the map of East Africa below and answer the questions that follow.**

a) Name the river marked with letter P.

_____

(b) Give one cause of low population in the area marked **S**.

_____

_____

(c) State any one problem being faced by people living in country marked **A**.

_____

_____

(d) Give one similarity in the formation of lake marked **X** and the lake marked W.

_____

_____

44. **In the space below, draw a the following:**

i) The picture of a bottle.

ii) a map of a tree.

b) What is a picture?

_____

c) Give one similarity between a picture and a map of an object.

_____

45. (i) What is population explosion?

_____

(ii) Give any two causes of population explosion.

a) _____

b) _____

iii) State any one problem faced by people living in densely populated area.

_____

46. a) Name the type of natural vegetation that grows in the salty water along the coastal plain of East Africa.

_____

b) How does vegetation influence rainfall distribution?

_____

c) Which vegetation region receives equatorial climate.

_____

d) Give any one characteristic of planted trees.

_____

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47. a) Give any one use of land as a major resource of people.

_____

b) Under what type of natural resource does land belong?

_____

c) State two ways in which people use land to get income

i) _____

ii) _____

c) How is land misused by people?

_____

48. **Study the diagram below and answer the questions that follow.**

a) Name the type of budget shown below.

_____

b) Give any one advantage of the budget above.

_____

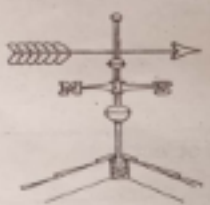
_____

c) Mention any two sources of government revenue.

i) _____

ii) _____

49. The arrow of the wind vane below was seen pointing to the South on a windy day.



a) To which direction was the wind blowing?

_____

b) Why is the wind sock commonly found at the airport?

_____

c) Why is the rain gauge placed thirty (30) centimetres above the ground?

_____

d) In which units is temperature measured?

_____

50. **Study the sketch map of Uganda and use it to answer the questions that follow.**

a) Name the town marked

A _____

b) Mention the tourist attraction places marked X and S

X _____

S _____

c) Name the ethnic group that settled in area marked N

_____

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For questions 51 – 54, answer either Christianity or Islam question but not both in a number.

51. Either: (a) Name the type of marriage that is conducted at the district level.

_____

(b) Give any two reasons married couples separate.

(i) _____

(ii) _____

(c) State any one characteristic of religious marriage.

_____

Or : (a) What is Nikah?

_____

(b) Why do some married couples separate?

_____

(c) State any two characteristics of religious marriage in Islam (Nikah)

(i) _____

(ii) _____

52. Either: (a) Write A.T. R in full.

_____

b) State any two similarities between A.T.R and Christianity.

(i) _____

(ii) _____

(c) Give any one difference between A.T.R and Christianity.

_____

Or (a) Write A.T. R in full.

_____

b) State any two similarities between A.T.R and Islam.

(i) _____

(ii) _____

(c) Give any one difference between A.T.R and Islam.

_____

53. Either: (a) What is prayer?

_____

(b) Why do people pray to God?

_____

(c) Mention any **two** ways congregational prayers are important to a Christian community.

i) _____

ii) _____

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Or: (a) What is prayer?

_____

(b State any **two** differences between Eid prayers and Juma prayers.

(i) _____

(ii) _____

(c) What should be done by a Muslim before going for prayers?

_____

54. Either: (a) Mention any **two** things you learn from Jesus Christ when he was a child.

(i) _____

(ii) _____

(b) Give any two things Jesus Christ did to show love to people.

(i) _____

(ii) _____

Or: (a) Mention any two things you learn from Prophet Muhammad (PBUH) when he was a child.

(i) _____

(ii) _____

(b) Give any two things prophet Muhammad did to show love to people.

(i) _____

(ii) _____

55. **FOR BOTH:**

Both Christians and Muslims all over the world believe that there is life after death.

a) Give any **one** reason why most people fear death.

_____

b) Mention any **two** acts of obedience Christians and Muslims should do in order to have a good life after death.

i) _____

ii) _____

c) State any one similar practice between Islam and Christianity done after one has died.

_____

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