

LUWEERO DIOCESÉ JOINT MOCK 2023

MATHEMATICS

Time Allowed: 2 HOURS: 30 MINUTES

| Emis No. | | | Personal No. | | | | |
|----------|--|--|--------------|--|--|--|--|
| | | | | | | | |

| Candidate's Name: |
|------------------------|
| Candidate's Signature: |
| School: |
| District: |
| |

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

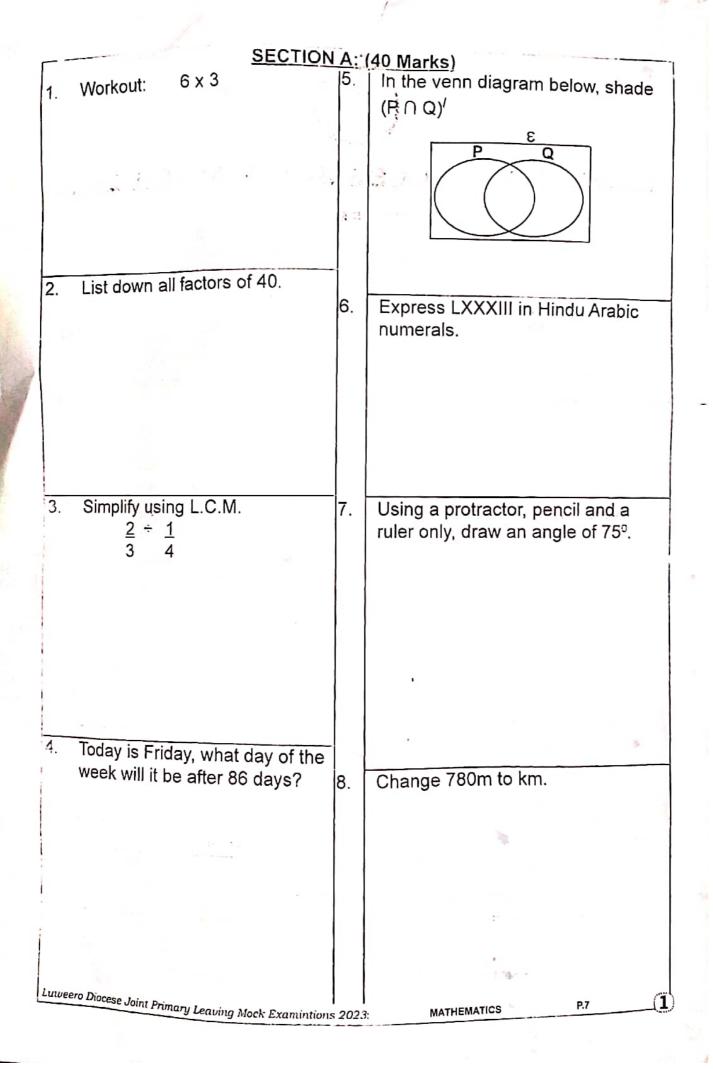
Read the following instructions carefully:

- The paper has 2 sections: A and B. Section A has 20 questions (40 marks) and section B has 12 questions (60 marks).
- 2. All the working for both sections A and B must be shown in the spaces provided.
- 3. All working must be done using a blue or black ball point pen or a fountain pen. Any work in pencil other than graphs, pictures and diagrams will not be marked.
- 4. No calculators are allowed in the examination room.
- Un neessary changes of work may lead to loss of marks.
- 6. Any handwriting that cannot easily be read may lead to loss of marks.
- Do not fill anything in the boxes indicated "For examiners' use only" and those inside the questions paper.

| FOR EXERMINER'S USE ONLY | | | | | |
|-----------------------------|------|------|--|--|--|
| QN. No. | MARK | SIGN | | | |
| 1-5 | | | | | |
| 6 - 10 | | | | | |
| 11 - 15 | | | | | |
| 16 - 20 | | | | | |
| 21 - 22 | | | | | |
| 23- 24 | | | | | |
| 25 - 26 | | | | | |
| 27 - 28 | | | | | |
| 29 - 30 | | | | | |
| 31 - 32 | | | | | |
| TOTAL | | | | | |

© DIOCESE EXAMINATIONS BOARD 0773 200864 / 0759 603400

Turn Over



| 9. | Given that prepresents 12 cups and represents 13 pots at school. How many items are represented by property and ? | 12. | Joseph and Peter shared a certain sum of money in the ratio of 5:3 respectively. If Joseph got sh. 2500 more than Peter, how much money did they share altogether? |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10. | Moses withdrew 5000 shillings notes which amounted to sh. 870,000. If the last note was of serial number AP004300, find the first note serial number. | 13. | Workout: Hours Minutes 16 20 - 4 34 |
| 11. | Write 21,012 in words. | 14. | Solve for x : $\frac{x}{4} + 6 = 14$ |
| Luwe | eero Diocese Joint Primary Leaving Mock Examintion | s 202. | 3: MATHEMATICS P.7 (2) |

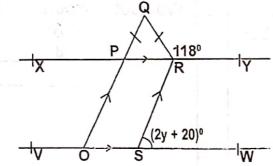
| Given that $A = \{m, p, r, y, z\}$ and $B = \{x, f, g\}$ | p,q,i,v |
|------------------------------------------------------------|-----------|
| 15. Given that $A = \{m, p, r, y, z\}$ and $B = \{x, f, E$ | 10711 151 |

more then " else now not himself aid they brished allugates, ?

arc represented to

16. Workout:
$$2^0 + (2^3 \times 2^{-2})$$

17. Study the figure below and answer the questions that follow. Given that OQ is parallel to SR, angle QRY = 118° and RSW = (2y + 20)°.



Find the value of y.

ü:

18. Find the mean of 3y, (y + 2), y and 3y + 10.

Luweero Diocese Joint Primary Leaving Mock Examintions 2023:

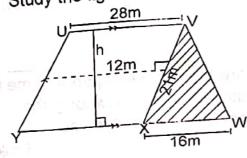
MATHEMATICS

P.7

| | 1 0 1 100 thet 1 bek 1 bek |
|------|-------------------------------------------------------------------------------|
| 19. | The distance around a circular flower garden is 8.8cm. Calculate its area. |
| | |
| | |
| | · |
| | |
| 20 | A father is five times as old as his son. The difference in their ages is 52. |
| -0. | How old is the father? |
| | |
| | |
| i i | |
| | OFICTION D. (60 Morks) |
| 21. | a) Workout 607 – 42 using abacus. (2 mks) |
| 2.1. | d) Workout Got = 12 doing abases. |
| | |
| | |
| | |
| - | b) Express 48,349 in expanded form using exponents. (2 mks) |
| | b) Express 40,349 in expanded form using exponents. (2 miles) |
| | |
| | |
| 1 | |
| | |
| 22. | Alex mixed the concrete made up of 2 cement and 1 sand and the rest |
| | gravel. If there are 6kg of gravel less than cement, |
| | Č. |
| | a) Find the fraction of gravel used to mix the concrete. |
| | |
| | |
| | |
| | |
| | |
| | · ; * |
| Luwe | ero Dinagos Island |

| 92 3/ | (2 mks) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| (2 mkg | Le grier i name in |
| | |
| | |
| | |
| c) How many members like fish and meat only? | (1 mk) |
| ACT TO A SUMBORD SULTANENE DOCK | nn |
| | THE THE PARTY PROPERTY |
| ". n. ' York to I the area of the shaded part. | |
| (4 mks) | and the state of the state of |
| 5. Lillian arrived at the park 10 minutes before the no | find how long she |
| a bus to Lira. If the bus departed 35 minutes later, waited for the bus to depart at the bus park using a | a number line. |
| waited for the bus to depart at the bus part | (3 mks) |
| | |
| | |
| | |
| | |
| Vann St. It Eggle UVW et | really elections |
| (anm S) | |
| | |
| | (2 mks) |
| b) Subtract ⁻ 5 from ⁻ 6 | (2 mks) |
| b) Subtract ⁻ 5 from ⁻ 6 | |
| | |
| b) Subtract -5 from -6 | |
| | |
| The rest of the sas show in the factor of the same of | Mar Will mare |
| Times as show in the factor of the second of | |
| (a) m : (a) a ust son in works as sum Y to gray and (a) and (a) and (b) and (c) and (c | Mar Will mare |
| (a) m is a ust so n work as sum Y to graphic so a sum Y to graphic so graphic | Har You's made |
| (a) m : (a) a ust son in works as sum Y to gray and (a) and (a) and (b) and (c) and (c | Mar Will mare |
| (a) m is a ust so n work as sum Y to graphic so a sum Y to graphic so graphic | Mar Will mare |
| (a) m : (a) m : (b) m : (c) m : (c) m : (c) m : (d) m : (d) m : (e) m : (f) | Mar Will mare |
| (a) m : 130 131 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 | Mar Will mare |
| (a) m : (a) a ust son in works as sum Y to gray and (a) and (a) and (b) and (c) and (c | (3 mks) |
| Ashmar as show in the factor of the control of the | (3 mks) |

INTE () 27. Study the figure below and answer the questions that follow.



a) Work out the area of the shaded part. (4 mks)

b) Calculate the area of the whole figure UVWXY.

(2 mks)

28. Madam Abbo went shopping for X-mas as shown in the table below.

a) Complete the table below.

(5 mks)

|) Complete the | table below. | | |
|-----------------|--------------|------------|------------|
| ITEM | QUANTITY | UNIT COST | TOTAL COST |
| Loaves of bread | 1 a loaf | | sh. 1800 |
| Meat | kg | sh. 14,000 | sh. 21,000 |
| Salt | 1 ½ kg | sh. 900 | sh |
| Bars of soap | 4 bars | | |
| TO | TAL | | sh. 52,000 |

Luweero Diocese Joint Primary Leaving Mock Examintions 2023:

MATHEMATICS

| b) If she had sh. 8000 as change ho | ow much | did she | have | at firs | st' |
|-------------------------------------|---------|---------|------|---------|-----|
| b) If she had sh. 8000 as onang | | | | | |

(1 mk)

a) Using a pair of compasses, pencil and a ruler only, construct triangle PQR where PQ = 7cm, angle QPR = 90° and angle PQR = 45° .

(4 mks)

b) Meausre QR.

(1 mk)

30. a) Show that 585 is completely divisible by 7 without dividing.

(2 mks)

b) Study the magic square below and find the unknown.

(4 mks)

| 15 | х | 13 |
|----|----|----|
| 10 | 12 | y |
| 11 | р | q |

Luweero Diocese Joint Primary Leaving Mock Examintions 2023:

MATHEMATICS

P.7

31. The table show s the marks obtained by some students in a test. Use the information to answer questions that follow.

| Marks | 60 | 70 | 50 | 80 |
|--------------------|----|----|---------|------|
| Number of students | 3 | 2 | y – 2 : | ·1 · |

a) How many pupils did the test, given that their average score was 60?

(4 mks)

32. A car left town X at 7:40a.m moving at speed of 80km/hr and reached town Y at 10:10a.m. It stayed at town Y for 20 minutes and continued to town Z and covered a distance of 180km at a speed of 72km/hr.

a) Find the distance between X and Y.

(2 mks)

b) At what time did the car reach town Z?

(2 mks)

END

Luweero Diocese Joint Primary Learing Mock Examinations 2023.

MATHEMATICS

P?

(