



Cambridge Assessment  
International Education



**MOUNT CARMEL INTERNATIONAL SCHOOL, AKOLA**  
**CAMBRIDGE PRIMARY IGCSE (TERM END Examinations-I)**

Grade: 6

Subject: Mathematics

Date: 11.11.2024

Candidate Name: \_\_\_\_\_ Roll Number: \_\_\_\_\_

Max Marks: 40

Time Duration: 90 minutes

Invigilator's Sign: \_\_\_\_\_

**SCRUTINY**

Q1	Q11	Q21	Q31	Q41	Q51
Q2	Q12	Q22	Q32	Q42	Q52
Q3	Q13	Q23	Q33	Q43	Q53
Q4	Q14	Q24	Q34	Q44	Q54
Q5	Q15	Q25	Q35	Q45	Q55
Q6	Q16	Q26	Q36	Q46	Q56
Q7	Q17	Q27	Q37	Q47	Q57
Q8	Q18	Q28	Q38	Q48	Q58
Q9	Q19	Q29	Q39	Q49	Q59
Q10	Q20	Q30	Q40	Q50	Q60

**Marks Obtained**

40	10	50	Grade

Sub. Tr. Sign: \_\_\_\_\_

Q.1. Sara thinks of a number. She divides her number by 2 and adds 98 to the result. Her answer is 123. What is Sara number? (1)

Q.2. Complete these squares so the sum of each row vertically, horizontally and diagonally is the same. (2)

2.25		
	3	2.5
	2	3.75

Q.3. Find the pairs of fractions and decimals that total 1. (1)

0.4                  1/10                  0.2                  0.9                  3/4                  0.6

\_\_\_\_\_

**Q.4. Sara bought 1 pen at cost \$2.49. How can you calculate the cost of 10 pens? (1)**

---

---

---

**Q.5. Calculate: (2)**

a.  $986 \div 10 =$  \_\_\_\_\_

b.  $4.38 \times 1000 =$  \_\_\_\_\_

**Q.6. Rita is stacking up cups. For every cup stacked, the height of the cups will rise by 0.3 cm. What will the height of the cups be if she stacks up 5 cups? What pattern rule can you observe here? (2)**



---

---

---

---

**Q.7. Name the quadrilaterals and describe each quadrilateral using the number of parallel lines. (3)**



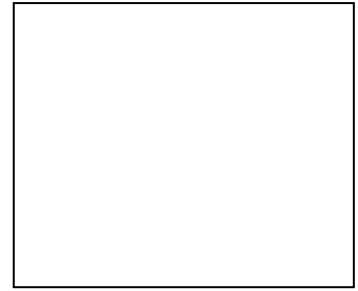
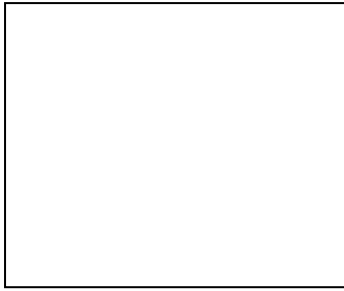
---

---

---

---

**Q.8. Sketch a square PQRS and a kite ABCD. Compare the two shapes. What is the same and what is different between them? (3)**

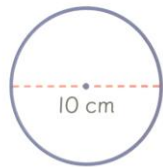


---

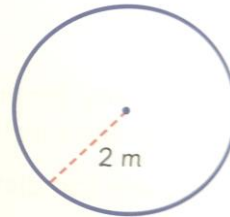
---

---

**Q.9. Find the radius and diameter of the following circles. (2)**



c



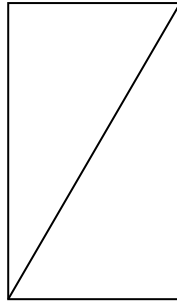
---

---

**Q.10. Use a compass to construct the circle with diameter 10 cm. (1)**

**Q.11. Find the area of each triangle.**

**(2)**



a. Area of rectangle =  $16\text{cm}^2$

---

---

b. Find the length of one side of triangle if another is  $4\text{cm}$ .

---

---

**Q.12. Mr. Lee's bank statement for August is shown. If he puts Rs.25 into the account in September, how much money is in his bank account now?**

**(1)**

Month	Balance	Status
August	-35	Overdrawn
September	?	

**Q.13. The weight of Desktop computer is  $5.715\text{ kg}$  and the weight of Laptop computer is  $1.524\text{ kg}$ . How much heavier is the desktop computer than the laptop computer?**

**(1)**

---

**Q.14. Kate travelled 320.251 km and Kiara travelled 236.387 km. What distance did they travel altogether? (1)**

\_\_\_\_\_

**Q.15. There are 15 girls and 20 boys in a class. The girls share 6 chocolate cakes equally. The boys share 8 strawberry cakes equally. All the cakes are of the same size.**

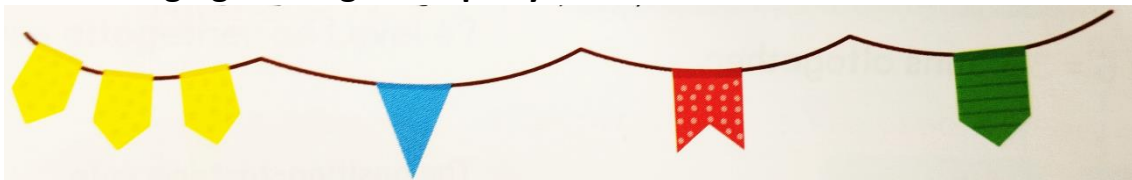
a. Would each boy and each girl get the same fraction of a cake? (1)

b. Is the statement correct? How do you know? (1)

\_\_\_\_\_

\_\_\_\_\_

**Q.16. Ran is hanging buntings for a party as shown.**



a. Complete the table. (1)

<b>Position</b>	1	2	3	4	5	6	7
<b>Term</b>	3	4	5	6			

b. What is the term -to-term rule of the sequence? \_\_\_\_\_ (1)

c. What will be the 12th term of the sequence? (1)

\_\_\_\_\_

**Q.17. The heights of four trees are shown. 6.15 m, 6.51 m, 6.1 m, 6.5 m.**

**Order the heights from the shortest to the tallest.**

**(1)**

---

**Q.18. Mark and Amran have a number each card. The two numbers have common factors 1,2,4,8 and 16.**

**(1)**



a. Can Amran's number be 24? Why do you think so?

---

---

**Q.19. The usual price of a printer was Rs.200. Its price was reduced by 15% during a sale. What was the new price of the printer?**

**(1)**

**Q.20. Myra used 0.38 of the flour and Jemmy used 35% of the flour. Who used more flour?**

**(1)**

---

---

**Q.21. Ian cycled for 1.4 hours and swam for 20 minutes. Find the total time he cycled and swam in hours and minutes.**

**(1)**

---

**Q.22. Fill in the blanks.**

**(2)**

a. 1.6 h = \_\_\_\_\_ h \_\_\_\_\_ min

b. \_\_\_\_\_ h = 12 min

**Q.23. Solve.**

**(3)**

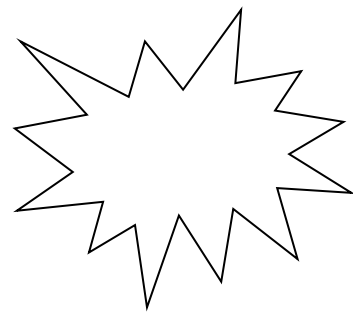
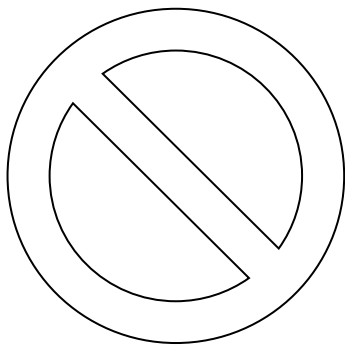
a.  $\frac{3}{8} + \frac{5}{6} =$

b.  $\frac{7}{2} - \frac{2}{5} =$

c.  $\frac{2}{3}$  of \$69

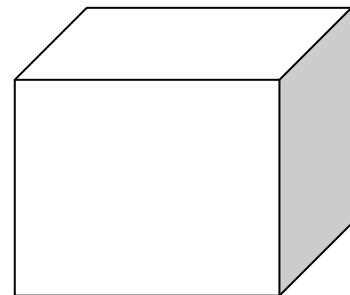
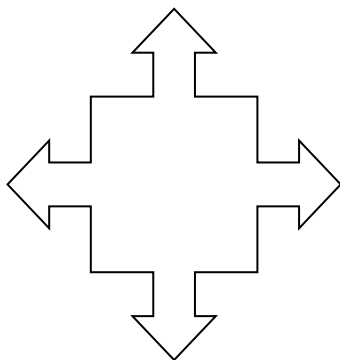
**Q.24. Ivan has some shapes. Identify the shapes with rotational symmetry and without rotational symmetry.**

**(2)**



\_\_\_\_\_

\_\_\_\_\_



\_\_\_\_\_

\_\_\_\_\_

\*\*\*\*\*