

## Sample Paper (2020-21)

## Class 5

Unicus Mathematics Olympiad

| Section - Class* <br> *syllabus covered | Total <br> Questions | Marks per <br> Questions | Total <br> Questions |
| :--- | :---: | :---: | :---: |
| Classic Section - Class 4 | 23 | 1 | 23 |
| Classic Section - Class 3 | 7 | 1 | 7 |
| Scholar Section - Class 4 | 7 | 2 | 14 |
| Scholar Section - Class 3 | 3 | 2 | 6 |
| Grand Total | $\mathbf{4 0}$ |  | $\mathbf{5 0}$ |

1. Ram had $₹ 15,000$ with him. His mother gave him some money. He spent $₹ 1,890$ on food, ₹ 1,735 on games and ₹ 2,655 on clothes. He is now left with ₹ 13,984 . How much money did his mother give him?
a) Rs. 6,124
b) Rs. 7,349
c) Rs. 5,264
d) Rs. 5,184

Correct Answer: c
1 Mark
2. The given table shows the number of people that visited a mall in a week. Find the difference between the number of people that visited on the weekend and the number of people that visited on weekdays:

| Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 1089 | 1021 | 991 | 983 | 1385 | 2500 | 3590 |

a) 969
b) 1,090
c) 621
d) 738

Correct Answer: c
1 Mark
3. 8 poles are placed in a straight line at an equal distance apart. The distance between the first and the last pole is 5.6 km . Find the distance, in m , between the first pole and the second pole:
a) 800
b) 700
c) 80
d) 70

Correct Answer: a
1 Mark
4. Which of the following statements is incorrect?
a) 4 thousands 7 hundreds 3 tens and 4 ones is 4,734 .
b) The smallest 4 digit number formed using the digits $0,1,6$ and 7 without repeating the digits is 1,076 .
c) The place value of 3 in the number 1,378 is 300 .
d) 2,180 is an even number.

Correct Answer: b
1 Mark
5. In the morning, Anvi left her home for her music class at the time as shown in the clock given below. She took 15 minutes to reach there. She attended her music class for 40 minutes and then reached her dance class in 10 minutes. She attended her dance class for 90 minutes and then she headed towards her home. She got stuck in traffic for 10 minutes. After that she took 20 minutes to reach home. At what time did she come back home?

a) $1: 15 \mathrm{am}$
b) $1: 10 \mathrm{pm}$
c) $1: 15 \mathrm{pm}$
d) 1:10 am

Correct Answer: c
1 Mark
6. Look at the images given below and choose the option which shows incorrect pair:
a) $5 / 8$ of 8

b) $3 / 4$ of 4

c) $1 / 5$ of 20

d) $1 / 2$ of 4


Correct Answer: c
1 Mark
7. Match the columns:

|  | Column A | Column B |
| :--- | :--- | :--- |
| (Z) | 1. Cube |  |
| (X) | 2. Cuboid |  |

a) $W-3, X-4, Y-2, Z-1$
b) $\mathrm{W}-3, \mathrm{X}-4, \mathrm{Y}-1, \mathrm{Z}-2$
c) $W-4, X-3, Y-2, Z-1$
d) $\mathrm{W}-4, \mathrm{X}-3, \mathrm{Y}-1, \mathrm{Z}-2$

Correct Answer: d 1 Mark
8. Look at the image given below and choose the correct temperature:

a) $107^{\circ} \mathrm{F}$
b) $115^{\circ} \mathrm{F}$
c) $46.11^{\circ} \mathrm{C}$
d) Both b and c
9. Find the ascending order of the following Roman numerals:

LXXXIV, LXXIV, LXXXVI, LXXVI
a) LXXXVI, LXXXIV, LXXVI, LXXIV
b) LXXVI, LXXIV, LXXXIV, LXXXVI
c) LXXXIV, LXXXVI, LXXIV, LXXVI
d) LXXIV, LXXVI, LXXXIV, LXXXVI

Correct Answer: d
10. The given figures are made up of same-sized squares. If the area of Figure $A$ is 16,337 $\mathrm{cm}^{3}$, then find the perimeter of Figure B:

a) $1,759 \mathrm{~cm}$
b) $1,240 \mathrm{~cm}$
c) $1,320 \mathrm{~cm}$
d) $1,880 \mathrm{~cm}$

Correct Answer: b
2 Marks

