



# UNICUS OLYMPIADS

## Sample Paper (2020-21)

**Class 5**

**Unicus Mathematics Olympiad**



<b>Section – Class*</b> <small>*Syllabus covered</small>	<b>Total Questions</b>	<b>Marks per Questions</b>	<b>Total Questions</b>
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
<b>Grand Total</b>	<b>40</b>		<b>50</b>



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 am  
c) 1:15 pm

- b) 1:10 pm  
d) 1:10 am

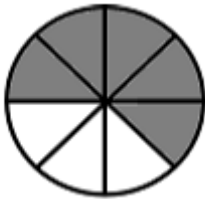
**Correct Answer: c**

*1 Mark*

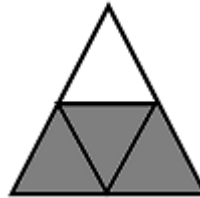
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6. Look at the images given below and choose the option which shows incorrect pair:

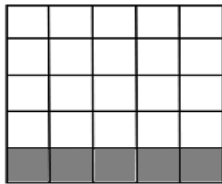
- a)  $\frac{5}{8}$  of 8



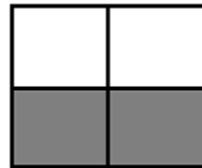
- b)  $\frac{3}{4}$  of 4



- c)  $\frac{1}{5}$  of 20



- d)  $\frac{1}{2}$  of 4



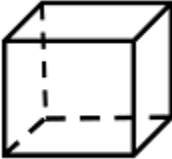
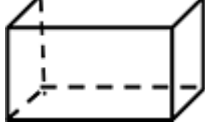


**Correct Answer: c**

*1 Mark*

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7. Match the columns:

Column A	Column B
(W) 	1. Cube
(X) 	2. Cuboid
(Y) 	3. Pentagon
(Z) 	4. Hexagon

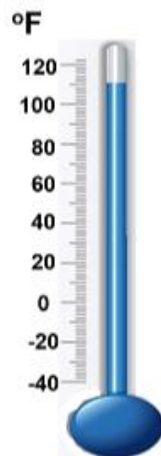
- a) W – 3, X – 4, Y – 2, Z – 1  
 c) W – 4, X – 3, Y – 2, Z – 1

- b) W – 3, X – 4, Y – 1, Z – 2  
 d) W – 4, X – 3, Y – 1, Z – 2

**Correct Answer: d**

*1 Mark*

8. Look at the image given below and choose the correct temperature:



- a) 107°F  
 c) 46.11°C

- b) 115°F  
 d) Both b and c

**Correct Answer: d**

*1 Mark*

9. Find the ascending order of the following Roman numerals:

LXXXIV, LXXIV, LXXXVI, LXXVI

a) LXXXVI, LXXXIV, LXXVI, LXXIV

c) LXXXIV, LXXXVI, LXXIV, LXXVI

b) LXXVI, LXXIV, LXXXIV, LXXXVI

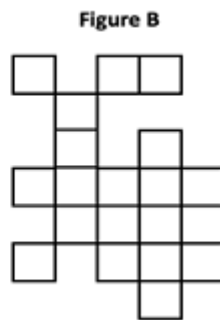
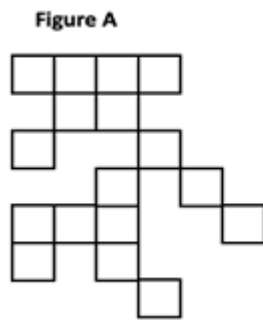
d) LXXIV, LXXVI, LXXXIV, LXXXVI

**Correct Answer: d**

*2 Marks*

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10. The given figures are made up of same-sized squares. If the area of Figure A is  $16,337 \text{ cm}^2$ , then find the perimeter of Figure B:



a) 1,759 cm

c) 1,320 cm

b) 1,240 cm

d) 1,880 cm

**Correct Answer: b**

*2 Marks*

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