Sample Paper

Class 3

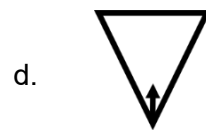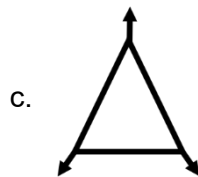## Unicus Critical Thinking Olympiad (UCTO)

Section	Total Questions	Marks per Questions	Total Marks
Classic Section	30	1	30
Scholar Section	10	2	20
Grand Total	**40**		**50**

Classic Section (Each Question is 1 Mark)

1. Complete the second pair in the same way as the first pair:

   a.

   b.

   c.

   d.
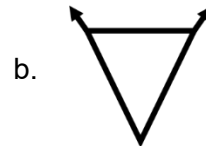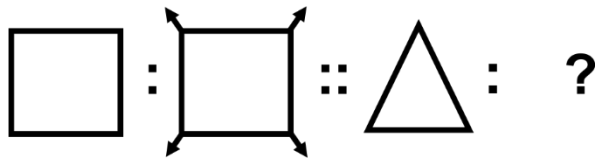
2. Find the odd one out:

   a.

   b.

   c.

   d.
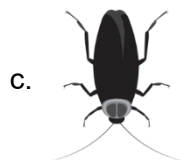
3. Find the off one out:

   a.

   b.

   c.

   d.
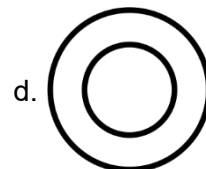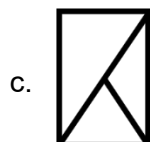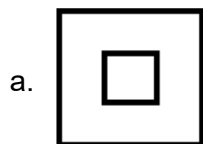
4. What will come next in the following series?
   6 1 2 3 6 1 2 3 6 1 2 ?

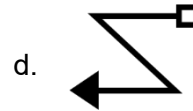a. 1   b. 2
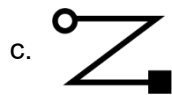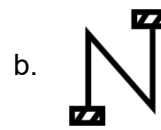c. 3   d. 6

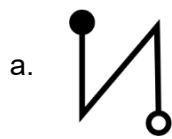5. Complete the following series:
   7, 12, 17, 22, 27, ?

   a. 28   b. 30
   c. 32   d. 37

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6. Which of the following options belong to the question figure?

   a.

   b.

   c.

   d.

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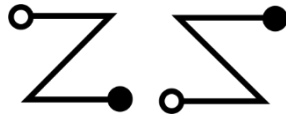
7. Which figure is similar to the given group of shapes?

   a.

   b.

   c.

   d.

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8. Identify the option figure in which the given figure (X) is hidden:

(X)

a.

b.

c.

d.
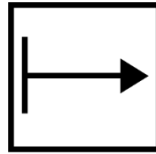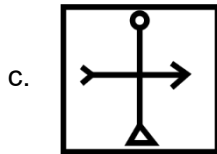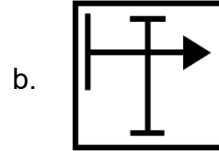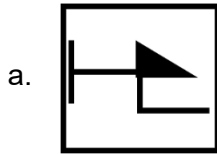
9. Identify the shape which is hidden in Figure (X):

(X)

a.

b.

c.

d.
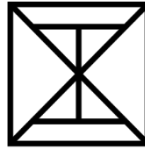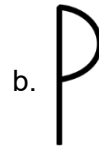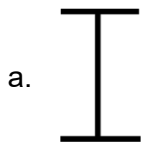
10. Find the number of triangles in the given figure:

    a. 3
    c. 5

    b. 4
    d. 6

11. Which of the following option figures will complete figure (X)?

(X)

a.

b.

c.

d.

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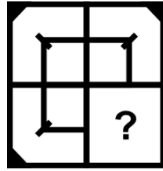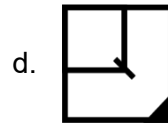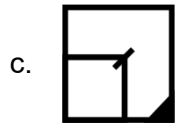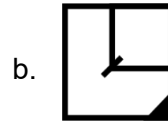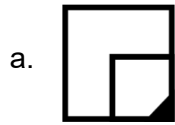
12. Which of the following parameters can be measured using the given instrument?

a. Weight
c. Light

b. Temperature
d. Length

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13. Find the missing number in the following series:
1, 3, 3, 6, 7, 9, ?, 12, 21

a. 10
c. 12

b. 11
d. 13

---

14. Complete the analogy:
Book is to read, as Movie is to _____.

a. enjoy
c. listen

b. watch
d. hear

---

15. Kevin is taller than Arya. Jill is taller than Kevin. Who among them is the shortest?

a. Kevin
c. Jill

b. Arya
d. Cannot be determined

---

16. Select the odd one out from the given options:

    a. Apple
    b. Onion
    c. Mango
    d. Banana

---

17. Which of the following options is missing in the images shown below?

    a. Cube
    b. Triangle
    c. Rectangle
    d. Square

---

18. Select the odd one out from the given options:

    a. Mouse
    b. Cat
    c. Cow
    d. Parrot

---

19. The given series follows a pattern. Identify the pattern and find the next element:
    A B A C A D A ?

    a. A
    b. E
    c. C
    d. F

---

20. If CAT = 3, MOUSE = 5, then GOAT = ?

    a. 2
    b. 3
    c. 4
    d. 5

---

21. The given series follows a pattern. Identify the pattern and find the next element:
    A, BC, DEF, ?

    a. GHI
    b. GHIJ
    c. HIJK
    d. JKL

---

22. Complete the analogy:
    Sound is to listen, as picture is to _____.

    a. movie
    b. photo
    c. image
    d. see

---

23. Which of the following denotes the longest duration of time?

    a. 36 hours
    b. 600 minutes
    c. 40.5 hours
    d. 2 days

---

24. If A = 8, B = 10, C = 12, then D = ?

   a. 14   b. 11
   c. 12   d. 16

---

25. Complete the analogy:
   Singer is to music, as _____ is to book.

   a. reading   b. story
   c. writer   d. pen

---

26. If MOON = 4, SUN = 3, then STAR = ?

   a. 2   b. 3
   c. 4   d. 5

---

27. Complete the analogy:
   Window is to curtain, as floor is to _____.

   a. paint   b. carpet
   c. wood   d. walk

---

28. Find the missing number in the following series:
   2, 3, 4, 6, 6, 9, 8, 12, ____

   a. 10   b. 14
   c. 16   d. 18

---

29. Three of given figures are identical in a certain way. Choose the one that is different from the rest:

   a.   b.

   c.   d.

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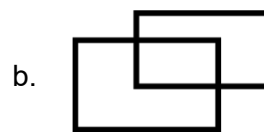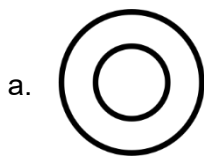
30. If APPLE = 5, BANANA = 6, then MANGO = ?

   a. 3   b. 4
   c. 5   d. 6

Scholar Section (Each Question is 2 Marks)

31. Choose the number which will replace the question mark (?):

a. 29
b. 76
c. 63
d. 47

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32. Study the number patterns and fill the missing numbers in empty row:
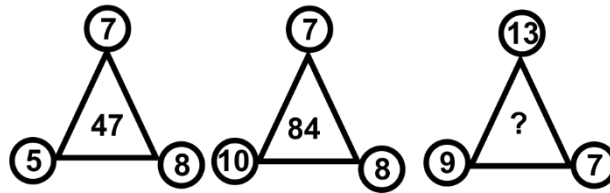
1	3	5	7
2	4	6	8
	?		
4	6	8	10

a. 3, 5, 7, 9
b. 3, 5, 6, 7
c. 3, 4, 5, 6
d. 3, 5, 9, 7

---

33. Michael is older than Tom. Tom is younger than Richard. Who among them is the oldest?

a. Michael
b. Richard
c. Tom
d. Cannot be determined

---

34. Select the odd one out from the given options:
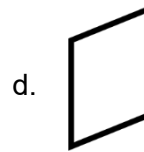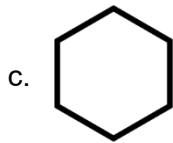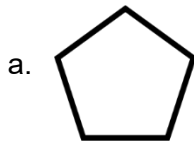
a. D
b. A
c. E
d. U

---

35. Lily is taller than Jimmy but shorter than Bob. Bob is shorter than Susan. Who is the tallest of them all?

a. Susan
b. Lily
c. Bob
d. Jimmy

---

36. From the following options, select the one which is a part of the question figure:

a.

b.

c.

d.
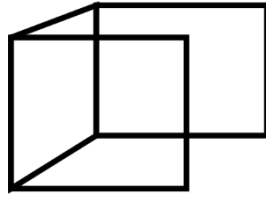
37. From the following options, select the one which is a part of the question figure:

a.

b.

c.

d.
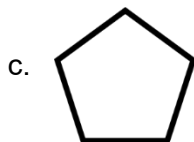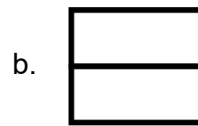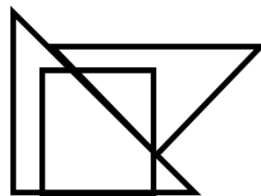
38. The given series follows a pattern. Identify the pattern and find the next element:
    Saturday, Thursday, Tuesday, ?

a. Monday

b. Sunday

c. Wednesday

d. Friday

39. How many triangles are there in the given figure?

    a. 16   b. 14

    c. 12   d. 18

40. From the following options, select the one which is a part of the question figure:

a.

b.

c.

d.

Answer Key

1.	c	2.	c	3.	c	4.	c	5.	c	6.	a	7.	c
8.	b	9.	a	10.	a	11.	d	12.	d	13.	d	14.	b
15.	b	16.	b	17.	a	18.	d	19.	b	20.	c	21.	b
22.	d	23.	d	24.	a	25.	c	26.	c	27.	b	28.	d
29.	a	30.	c	31.	b	32.	a	33.	d	34.	a	35.	a
36.	d	37.	a	38.	b	39.	d	40.	c				