



UNICUS
OLYMPIADS

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Sample Paper



Class 4

Unicus Critical Thinking Olympiad (UCTO)

Time: 60 minutes

Pattern and Marking Scheme			
Section	Total Questions	Marks per Question	Total Marks
Classic Section	30	1	30
Scholar Section	10	2	20
Grand Total	40		50

Classic Section (Each Question is 1 Mark)

1. In the following question, two words are given which are related to each other in a particular manner and you have to find the word from the given alternatives which bears exactly the same relationship to the third word, as the first two bear:
'Hate' is related to 'Love' in the same way as 'Create' is related to:

a. Make	b. Renovate
c. Destroy	d. Build

2. In the following question, three alternatives are same in a certain way out of four and so form a group. Find the one that does not belong to this group:

a. Cello	b. Guitar
c. Flute	d. Violin

3. If 2 days before yesterday was Friday, then what day of the week will be the day after tomorrow?

a. Monday	b. Sunday
c. Saturday	d. Wednesday

4. Rachel went to watch the movie 9 days ago. She goes to watch movies only on Thursdays. What is the day of the week today?

a. Thursday	b. Saturday
c. Sunday	d. Monday

5. Town D is towards the East of town F. Town B is towards the North of town D. Town H is towards the South of town B. Towards which direction is town H from town F? Select the most appropriate answer.

a. East	b. South-East
c. South-West	d. South-East or North-East or East

6. Select the related word from the given alternatives:
Kite : Fly :: Boat : ?

a. Swim	b. Sail
c. Drive	d. Move

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7. Select the related word from the given alternatives:

Rose : Red :: Cotton : ?

- | | |
|----------|----------|
| a. Soft | b. White |
| c. Cloth | d. Plant |
-

8. In a certain code language, "tom likes jerry" is written as "MSY", "sun is shining" is written as "NSG", then in the same language, "moon light" will be written as:

- | | |
|-------|-------|
| a. NT | b. MN |
| c. NL | d. TM |
-


9. The given series represents numbers increasing in a particular pattern. Find the missing number:

17, 21, 25, ?, 33

- | | |
|-------|-------|
| a. 20 | b. 32 |
| c. 28 | d. 29 |
-

10. Find out the next figure of the following pattern:



- | | |
|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| a.  | b.  |
| c.  | d.  |
-

11. Which of the following set of letters can be reshuffled to form the word "DECISION"?

- | | |
|-------------|-------------|
| a. DISCINOS | b. ECINDOIS |
| c. NOSIDESI | d. DESINOIS |
-

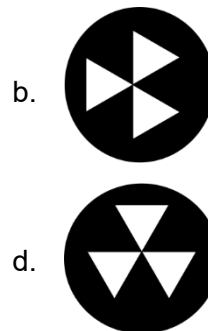
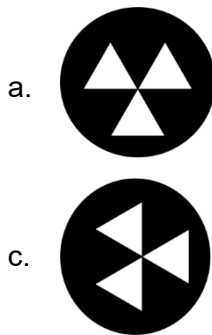
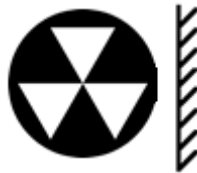
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12. The given figure shows the time-table of Jack. What happens after Jack completes his music class?

Time	Activity
8:00 am to 10:00 am	Yoga
10:00 am to 11:00 am	Math class
11:00 am to 12:30 pm	Lunch
12:30 pm to 1:00 pm	Play basketball
1:00 pm to 2:00 pm	Music class
2:00 pm to 4:00 pm	Watch tv
4:00 pm to 7:00 pm	Play football

- a. Jack plays basketball. b. Jack eats his lunch.
c. Jack attends his Maths class. d. Jack watches TV.
-

13. Which of the following will be the correct mirror image of the given figure?



14. Which two pieces of paper when put together will make the given shape?



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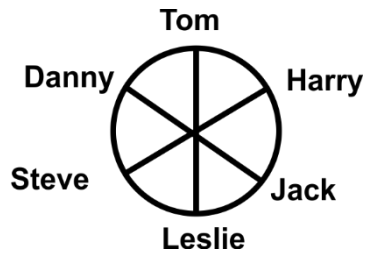
15. Find the next letter of the following series:

D, G, J, M, ?

- a. Q
- c. P

- b. O
- d. N

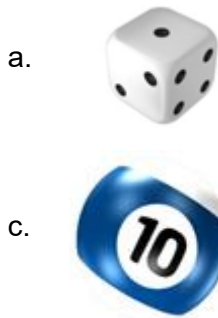
16. The following figure show six persons sitting around a circular table. Who is the opposite of Jack?



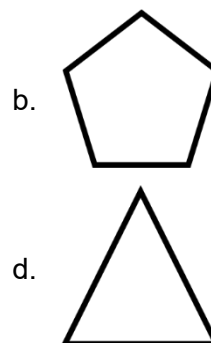
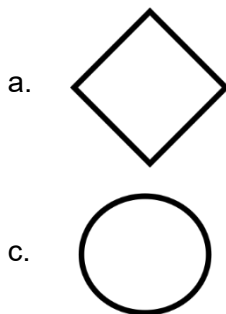
- a. Steve
- c. Danny

- b. Tom
- d. Leslie

17. Which of the following figure has a rectangular shape?



18. Pick the odd one out:




19. If Car : Road, then Boat : ?

- a. Float
- c. Sail

- b. Swim
- d. River

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20. Which of the following does not belong to the group?

- a. 
- b. 
- c. 
- d. 

21. If $A = BC$, $C = DE$, then $RN = ?$

- a. STOP b. TSPO
c. PQOP d. PQLM

22. If Bed : Sleep, then Chair : ?

- a. Seat b. Work
c. Sit d. Table

23. In a certain code language, “how are you” is written as “HAY”, “best of luck” is written as “BOL”, then in the same language, “you are best” will be written as:

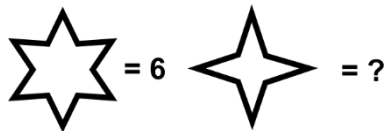
- a. YAB b. BAY
c. BY d. TEU

24. Which of the following figures is similar to the given figure?



- a.  b. 
- c.  d. 

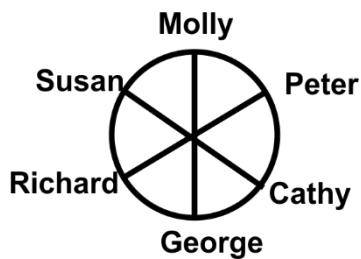
25. What will come at the place of question mark?



- a. 2
- c. 4

- b. 3
- d. 5

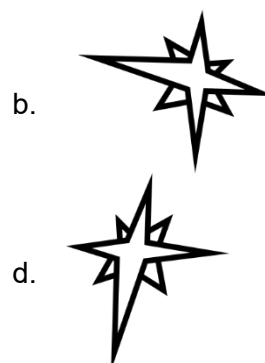
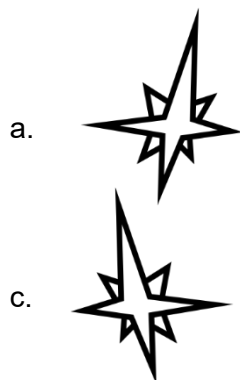
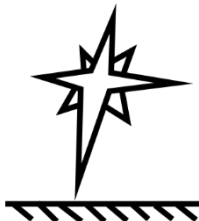
26. The following figure shows six persons sitting around a circular table facing towards the centre. Who among the following is the opposite of Peter?



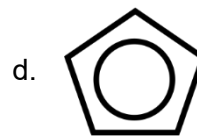
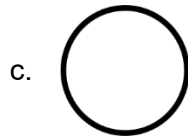
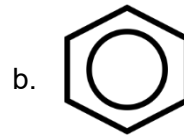
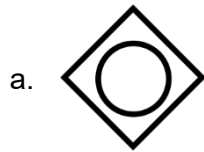
- a. George
- c. Susan

- b. Cathy
- d. Richard

27. Which of the following will be the correct water image of the given figure?



28. Find out the next figure of the following series:



29. Find the next element of the following series:

A1, B2, C4, D8, E16, ?

a. F30

b. G32

c. F32

d. F24

30. Kate is older than Michael. Susan was born before Kate. Who is the oldest of them all?

a. Kate

b. Michael

c. Susan

d. Cannot be determined

Scholar Section (Each Question is 2 Marks)

31. In the following question, find out the correct pair of words which will make an appropriate analogical relationship between the two words to the left of the sign of double colon (::) and the same relationship between the two words to the right of the sign of double colon (::):

A : Winter :: B : Malaria

a. A. Quilt, B. Quinine

b. A. Cold, B. Mosquito

c. A. Cold, B. Epidemic

d. A. Wool, B. Fever

32. If it is possible to make only one meaningful word from the 3rd, the 6th, the 9th and the 10th letters of the word 'PARENTHESIS', using each letter only once, the last letter of the word is your answer. If no such word can be formed your answer is 'X' and if one word or more words can be formed your answer is 'Y':

a. Y

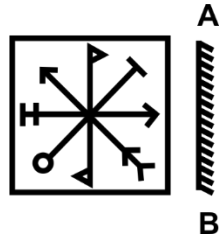
b. T

c. S

d. X

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33. In the following question, choose the correct mirror image from the alternatives, when mirror is placed on the line AB:



- a.
- b.
- c.
- d.

34. A man goes 5 km East, then he turns right and goes 4 km, then he turns left and goes 5 km. Which direction is he facing now?

- a. North
b. South
c. East
d. West

35. A person walks 1 mile to West, turns left and walks 1 mile and turns left and walks 1 mile and again turns left and walks 1 mile. What is the direction he is facing now?

- a. North
b. South
c. East
d. West

36. Find out the next figure of the following pattern:

P O ɹ O ɹ O ?

- a.
- b.
- c.
- d.

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37. Start from the object highlighted in shaded colour, first go two blocks north, then go three blocks west, then go two blocks north, then go one block east. Where do you end up?



a.



b.



c.



d.



38. Harry, Michael, Leo and Jill are four friends. Each of them has a different height. Leo is shorter than Jill. Neither Jill nor Michael is the tallest. Who among them is the tallest?

- a. Harry
c. Jill

- b. Leo
d. Michael

39. Which of the following will be the correct water image of the given figure?



a.



b.



c.



d.



40. Which of the following will be the correct mirror image of the given figure?

HOLIDAY 

a. **YADILOH**

b. **HOGIDAY**

c. **YADILOH**

d. **YADILOH**

Answer Key

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