

## **CREST Reasoning Olympiad (CRO)**

**Previous Year Paper** 

# Class 4 (Set - A)

## Time Allowed: 1 hour

### Maximum Marks: 45

- Additional **10 minutes** will be allotted to fill up information on the OMR Sheet, before the start of the exam.
- Fill in all the mandatory fields clearly on the OMR Sheet.
- There are a total of 35 questions in this booklet comprising 2 sections namely the Logical Reasoning & Achievers' Section consisting of 25 questions (1 mark each) & 10 questions (2 marks each) respectively.
- There is no negative marking. The use of a calculator is not permitted.
- There is **only ONE correct option** to a given question.
- Use **HB Pencil / Ball point pen (Blue / Black) only** for marking the correct choice of answers on the OMR Sheet.
- Rough work is to be done in the space provided in the test booklet. Extra plain sheet may be provided by the school for the rough work.
- The OMR Sheet is to be handed over to the invigilator at the end of the exam.
- No candidate is allowed to carry any textual material, printed or written, bits of paper, any electronic device, digital watches, etc. inside the examination hall.
- The use of unfair means may result in the cancellation of the exam. Any such instances must be reported at +91-98182-94134 or info@crestolympiads.com

## DO NOT OPEN THIS BOOKLET UNTIL ASKED TO DO SO

## FILL IN THE DETAILS

Candidate Name:		 	 
Class:	Section:	 	 
CREST ID:			

### Logical Reasoning (Each Question is 1 Mark)

- 1. Eat is to Heat as Arm is to \_\_\_\_
  - a. Farm b. Harm
  - c. Warm d. Tarm
- 2. Which one of the following figures will continue the series?



3. Which letter from the given alternatives will replace the question mark (?) and form two meaningful words?



a.	А	b.	Т	
c.	L	d.	S	

- Choose the correct combination of numbers so that letters arranged accordingly form a meaningful word. H S R I T 1 2 3 4 5
  - a. 21435
  - b. 54132
  - c. 32415
  - d. 13542
- In a cricket stadium, Neo was sitting on 8<sup>th</sup> stair from the top. If there are 30

stairs, then on which stair Neo was sitting from the bottom?

a.	22 <sup>nd</sup>	b.	$20^{\text{th}}$
c.	23 <sup>rd</sup>	d.	$25^{\text{th}}$

6. Some chairs of different colours are arranged in a queue. Red colour chair is 10<sup>th</sup> from the left end and 16<sup>th</sup> from the right end. How many chairs are there in the queue?

a.	25	b.	26
c.	28	d.	30

7. The time in clock is 12:15 as shown in the clock below. In which direction, is the minute hand face?



- a. East b. West c. North d. South
- 8. A man starts from his office in the North direction. He turns to his left, then to his right and again to his right. In which direction, he will be facing now?

a.	South	b.	West

- c. East d. North
- **9.** Find the missing letter in the given figure.



**10.** If Page : Book then Leaf : ?

a.	Forest	b.	Root
c.	Tree	d.	Stem

11. Three words are given in the following question, which have something in common among themselves. Choose the one with the quality common to the given three words.

Duma : Majlis : Khural

a.	Parliament	b.	City
c.	Currency	d.	Monuments

12. 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.	January	b.	June
C.	July	d.	August

13. In the following question, four options are given. Out of these, three are alike in a particular way but the remaining one is different. Find the odd one from the given options which is different from others.

a.	12	b.	15
c.	32	d.	62

14. If 'DOG' is called 'COW', 'COW' is called 'LION', 'LION' is called 'BUFFALO', 'BUFFALO' is called 'OX', 'OX' is called 'CAT', then which of the following animals is wild one?

a.	DOG	b.	BUFFALO
C.	LION	d.	OX

15. If 26 January, 2011 was Wednesday, then what day of the week was it on 26<sup>th</sup> January, 2012?

a.	Monday	b.	Tuesday
c.	Wednesday	d.	Thursday

**16.** How many straight lines are there in the figure given below?



17. In a certain coded language, "ng uv mv" represents "today is good" and "lp ck ng" represents "do it today" then which of the following code represents "today" in the same language?

a.	lp	b.	uv
c.	ng	d.	mv

18. Which of the following word cannot be formed by using the letters of the word - "SYNTHETIC"?

a.	CITY	b.	SCENT
c.	THEM	d.	ETHIC

 In a certain coded language, "COVER" is written as "REVOC", "EAGER" is written as "REGAE". Then "PIPER" will be written as:

a.	PEPIR	b.	REPPI
c.	RIPEP	d.	REPIP

**20.** How many quadrilaterals are there in the given figure?



21. In a certain coded language, "LIVER" is written as "REVIL", "HEART" is written as "TRAEH". Then "YEAR" will be written as:

a.	EARY	b.	REAY
c.	RAEY	d.	AERY

22. Which of the following represents the correct water image of the given image?



23. Which of the following represents the correct water image of the given image?





- 24. Which of the following words cannot be formed by using the letters of the word "REDUCTION"?
  - a. Centroid b. Turned
    - d. Rewind
- 25. Which of the following words cannot be formed by using the letters of the word "NOURISHED"?
  - a. Hinder c. Ironed

c. United

b. Near d. Rushed

- Achievers' Section (Each Question is 2 Marks)
- **26.** What number will be displayed by last LED display?



**27.** Which of the following letters is 14<sup>th</sup> to the right of 6<sup>th</sup> letter from the left in the English alphabet?

a.	R	b.	Ρ
c.	W	d.	Т

- 28. If Republic Day was celebrated on Friday in 1996, on which day was Independence Day celebrated in 2000?
  - a. Monday b. Tuesday
  - c. Wednesday d. Saturday
- **29.** In the following question, find the answer figure which is part of the question figure.



30. Read the following information carefully to answer the question that follow.A cube of 3 cm side is painted on all its faces. It is divided into smaller cubes of side 1 cm each.

Find the total number of 1 cm cubes that will have exactly one of their faces painted.

a.	4	b.	6
C.	12	d.	30

31. Find the next three letters of the following series:GH, KL, OP, ST, ?

a.	WX	b.	UV
c.	VW	d.	XY

**32.** Point A is to the south of point B. Point D is to the east of point C. Point A, B and D are in a straight line. Point C is equidistant from point A and B. Then in which direction is point D with respect to point B?

- a. West b. South
- c. North d. Cannot be determined
- 33. From the given figures, select the one of which the question figure is a part of:



- **34.** If 20<sup>th</sup> March was Friday, then which day of the week will be 31<sup>st</sup> March?
  - a. Tuesday b. Monday
  - c. Wednesday d. Saturday
- **35.** How many quadrilaterals are there in the following figure?



#### **Answer Key**

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