



## CREST Mathematics Olympiad (CMO)

Previous Year Paper (2021-22)

**Class 2**

**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 **2 sections** in the question paper namely the **Practical Mathematics & 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 or Blue / Black ball point pen 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, etc. inside the examination hall.
- The use of unfair means may result in the cancellation of the exam. Any such instances may be reported at **+91-98182-94134** or **info@crestolympiads.com**

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

**FILL IN THE DETAILS**

Student Name: \_\_\_\_\_

Class: \_\_\_\_\_ Section: \_\_\_\_\_

Enrollment No: \_\_\_\_\_

## Practical Mathematics (Each Question is 1 Mark)

1. Sonia's school starts at 8:00 am. How long does she travel in the bus if she boards the bus at 7:10 am?

a. 40 minutes  
b. 50 minutes  
c. 45 minutes  
d. 5 minutes

2. Tina went to the store to buy choconuts after craving for them. Two choconuts are priced at \$6 each. Determine the cost of four choconuts:

a. \$8  
b. \$9  
c. \$10  
d. \$12

3. How many groups of 4 children can be formed in the picture?



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

4. What is 52 less than 231?

a. One hundred and seventy  
b. One hundred and seventy-nine  
c. One hundred and nine  
d. One hundred and ninety

5. Which of these represents 42 more than 385?

a. Three hundred and fifty  
b. Four hundred and seventy-two  
c. Three hundred and eighty-five  
d. Four hundred and twenty-seven

6. Mohit's school organized a cultural fest that started on the first Thursday of the given month and lasted for four days. What was the last day of the cultural fest?

February 2019						
Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

- a. February 12  
b. February 11  
c. February 10  
d. February 9
7. Find the odd one out:

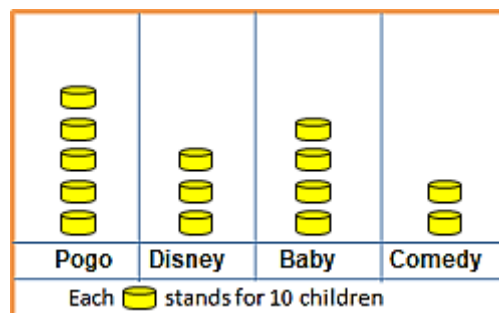
a. **T**

b. **L**

c. **H**

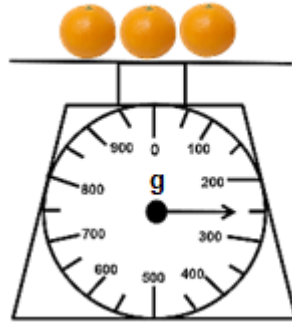
d. **S**

8. Based on the image given below answer the following question:  
Which is the least preferred channel among children?



- a. Disney  
b. Pogo  
c. Baby  
d. Comedy

9. How much less than 500 g is the weight of the 3 oranges?



- a. 350 g  
b. 200 g  
c. 250 g  
d. 500 g
10. The temperature of the oven is  $5^{\circ}\text{C}$  less than the temperature shown in the thermometer given below. What is the oven's temperature?



- a.  $27^{\circ}\text{C}$   
b.  $30^{\circ}\text{C}$   
c.  $25^{\circ}\text{C}$   
d.  $35^{\circ}\text{C}$
11. Town A is 12 km 104 m away from Town C whereas Town B is 11 km 800 m from Town C. How much is Town A farther from Town C in comparison to Town B?
- a. 201 m  
b. 298 m  
c. 301 m  
d. 304 m
12. Sonia wants to buy a shoe worth \$55 and clothes worth \$50. If she has a \$100 with her, then how much more money does she need?
- a. \$3  
b. \$5  
c. \$10  
d. \$15






13. Fill in the blank:

$$134 + \underline{\quad} = 632 - 52 + 48$$

- a. 494  
c. 593
- b. 483  
d. 342

14. Look at the image given below and answer the following question:

How many candies should Albert give Rahul so that they both have an equal number of candies?

			
<b>Albert</b>	<b>Caryl</b>	<b>Rahul</b>	<b>Sahil</b>
<b>Each  stands for 4 candies</b>			

- a. 1  
c. 3
- b. 4  
d. 8

15. Rosy buys a diamond pendant for \$850. If she gave \$1000 to the shopkeeper, then how much money will she get back?

- a. \$150  
c. \$250
- b. \$200  
d. \$350

16. Angelina purchases a laptop for \$450 and a pair of pendants for \$175. How much will she be required to pay the shopkeeper?

- a. \$725  
c. \$625
- b. \$635  
d. \$525

17. Albert completed his homework in 50 minutes whereas Ronak took 15 minutes less than Albert. How much time did Ronak take to do the homework?

- a. 1 hour 10 minutes  
c. 1 hour 15 minutes
- b. 65 minutes  
d. 35 minutes

18. Ruhi's height was 130 cm last year. She has grown by just 3 cm this year. What is her height now?

- a. 1 m 24 cm  
c. 1 m 30 cm
- b. 1 m 27 cm  
d. 1 m 33 cm

19. Which alphabet will replace the "?" in the question given below?

H : F :: T : ?

- a. M  
c. L
- b. D  
d. N

20. How many groups of 3 stars can be formed?



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

21. How many groups of 2 lollipops can be formed?



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

22. Robert weighs twice as heavy as Mary. If Mary weight is 45 kg, then what is Robert's weight?

- a. 80 kg
- b. 90 kg
- c. 100 kg
- d. 110 kg

23. Two water pipes are of lengths 17 m 42 cm and 19 m 58 cm. What is their total length?

- a. 36 m
- b. 36 m 58 cm
- c. 37 m
- d. 37 m 50 cm

24. Which of the following is a closed figure?

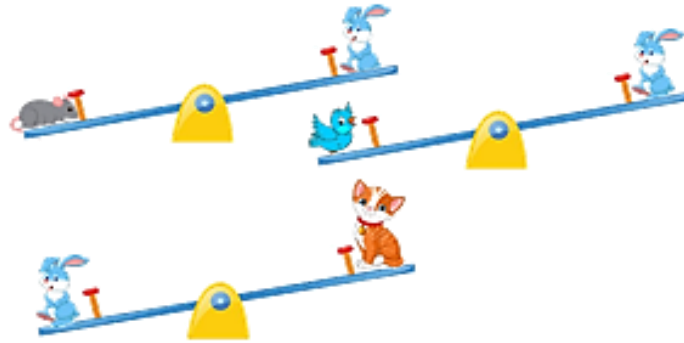


25. Find the odd one out:



## Achiever's Section (Each Question is 2 Marks)

26. Which of these statements is correct regarding the picture of various toys given below?



- a. Rat is the lightest  
c. Cat is the lightest

- b. Bird is the lightest  
d. Rabbit is the heaviest

27. What is the difference between the place value of 3 in the numbers 347 and 203?

- a. 303  
c. 330

- b. 297  
d. 33

28. P - Anna has \$100.

Q - She bought a toy of \$35.

Let's assume that R represents the remaining amount.

P - Q = R would be:

- a.  $35 + 65 = 100$   
c.  $100 - 35 = 65$

- b.  $100 - 75 = 35$   
d.  $65 + 35 = 100$

29. Amy is 15 kg heavier than Poonam. Poonam is 10 kg lighter than Sara. Sara is 40 kg. What is the weight of Amy?

- a. 30 kg  
 b. 35 kg  
 c. 40 kg  
 d. 45 kg

30. Albert started his basketball practice on the first Monday of the month and practiced for 5 days. He then took a break of 4 days and then resumed his practice. On which date did he resume the practice?

February 2019						
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24	25	26	27	28		

- a. February 12  
 b. February 13  
 c. February 14  
 d. February 15

31. How many groups of three circles can be formed?



- a. 4  
 b. 7  
 c. 5  
 d. 6

32. Which of these numbers is the least?

- a. 6 hundreds 18 tens and 12 ones - 2 hundreds 13 tens and 23 ones  
 b. 5 hundreds 28 tens and 22 ones - 3 hundreds 11 tens and 17 ones  
 c. 3 hundreds 17 tens and 18 ones + 2 hundreds 8 tens and 14 ones  
 d. 4 hundreds 12 tens and 28 ones + 1 hundreds 18 tens and 14 ones

33. Which number will replace "?" in the question given below?

2	3	5	6	8	9
5	4	29	7	?	10

- a. 65  
 b. 61  
 c. 62  
 d. 53





## Answer Key

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