



INTERNATIONAL  
**CATS CONTESTS**  
COMPETENCE & APTITUDE TESTING SERVICES  
**FASTEST GROWING CONTESTS IN PAKISTAN**

**2023** **QUESTION  
BOOKLET**

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**GRADE 1 & 2  
TODDLERS**

Time Allowed: 75 Mins.  
Maximum Marks: 60

**ICATS**  
**MATHEMATICS**  
**CONTEST 2023**



# ICATS MATHEMATICS CONTEST 2023

## TODDLERS (GRADE 1 & 2)

TIME ALLOWED : 75 MINUTES, MAXIMUM MARKS : 60

TOTAL QUESTIONS : 20 MCQS

### INSTRUCTIONS

1. DON'T START ATTEMPTING THE PAPER UNTIL INSTRUCTED BY THE INVIGILATORS.
2. INSTRUCTIONS FROM THE EXAMINATION INVIGILATORS MUST BE CARRIED OUT PROMPTLY.
3. CAREFULLY RECHECK YOUR NAME, FATHER NAME, SCHOOL NAME, ADDRESS ETC AT THE BUBBLE SHEET / ANSWER SHEET.
4. RECORD ALL ANSWERS ON THE BUBBLE SHEET ONLY. SELECT BEST ANSWER FROM THE FOUR GIVEN OPTIONS AND MARK ONLY ONE OPTION IN EACH QUESTION.
5. USE BLUE / BLACK INK TO FILL UP THE CIRCLES FOR YOUR ANSWERS ON THE BUBBLE SHEET. USE OF LEAD PENCIL IS NOT ALLOWED.
6. USE OF ANY HELPING MATERIAL INCLUDING CELL PHONES AND ELECTRONIC DEVICES IS STRICTLY PROHIBITED.
7. EVERY CORRECT ANSWER EARNS THREE POINTS. THERE WOULD BE NEGATIVE MARKING. ONE POINT WOULD BE DEDUCTED FOR EVERY INCORRECT ANSWER.
8. CANDIDATES MAY NOT LEAVE THE EXAMINATION ROOM UNESCORTED FOR ANY REASON, AND THIS INCLUDES USING THE WASHROOM.
9. NO MATERIALS OR ELECTRONIC DEVICES SHALL BE BROUGHT INTO THE ROOM.
10. THERE ARE FIVE CATEGORIES OF THE CONTEST AS UNDER:
  - A. TODDLERS (GRADE 1 & 2)
  - B. KIDS (GRADE 3 & 4)
  - C. JUNIORS (GRADE 5 & 6)
  - D. JUVENILES (GRADE 7 & 8)
  - E. ADOLESCENTS (GRADE 9 & 10 / O-LEVELS)
11. REGISTERED STUDENTS CAN PARTICIPATE IN THE CONTEST.
12. NO CANDIDATE SHALL TAKE OUT OF THE HALL ANY ANSWER BOOK(S) OR PART OF AN ANSWER BOOK, WHETHER USED OR UNUSED, OR OTHER SUPPLIED MATERIAL.
13. IF A PARTICIPANT DOES NOT UNDERSTAND A WORD OR PHRASE ON THE EXAM PAPER, NEITHER EXAMINER NOR INVIGILATOR IS PERMITTED TO ANSWER.
14. FOR INFORMATION ABOUT UPCOMING CONTESTS OR PROVIDING VALUABLE FEEDBACK, PLEASE VISIT [WWW.CATSCONTESTS.ORG](http://WWW.CATSCONTESTS.ORG)
15. ANY ACADEMIC MISCONDUCT OR MALPRACTICE MUST BE REPORTED TO INTERNATIONAL CATS CONTESTS AT [INFO@CATSCONTESTS.ORG](mailto:INFO@CATSCONTESTS.ORG)

**Q1.** Which group has maximum number of buttons?



**Group 1**



**Group 2**



**Group 3**



**Group 4**

**A** Group 1

**B** Group 2

**C** Group 3

**D** Group 4



**Q2.** Which is the heaviest?

**A**



**C**



**B**



**D**



**Q3.** Honey is preparing for his exams that are in the first week of the month of April. He has two months for the preparation of exams. Which is the present month?

**A** January

**B** February

**C** March

**D** December

**Q4.** Which pot holds the least amount of water?



**Pot 1**



**Pot 2**



**Pot 3**



**Pot 4**

**A** Pot 1

**B** Pot 2

**C** Pot 3

**D** Pot 4

**Q5.** Which of the following activities can be done in one minute?

**A** Playing cricket

**C** Sharpening a pencil

**B** Going to school

**D** Doing homework

**Q6.** Raheel started his football practice from 1st December 2014. If he practices for 20 days excluding Sundays, his practice finishes on \_\_\_\_\_.

**December 2014**

Sun	Mon	Tue	Wed	Thur	Fri	Sat
				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	29	30	31

**A** Tuesday

**B** Friday

**C** Saturday

**D** Wednesday

**Q7.** Ali buys one costliest item and one cheapest item. If he gives a Rs. 50 note to the seller, how much money will he get back from the seller?

- Burger Rs. 20
- Chips Rs. 12
- Chocolate Rs. 15
- Milkshake Rs. 10



- A** Rs. 20
- B** Rs. 25
- C** Rs. 35
- D** Rs. 45



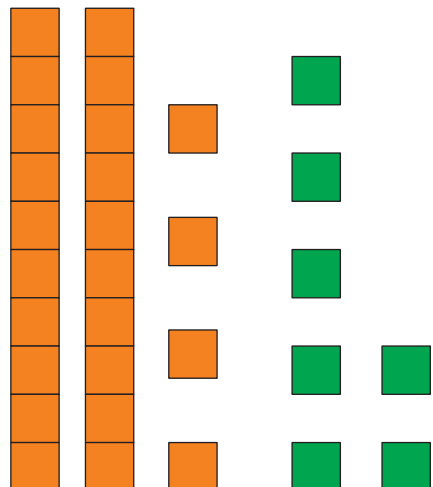
**Q8.** Asif is shorter than Ahmad, Ahmad is shorter than Jamil and Naveed is taller than Asif but shorter than Ahmad. Who is the tallest among them?

- A** Ahmad
- B** Naveed
- C** Asif
- D** Jamil



**Q9.** The blocks show  $24 + 7$ .

There are enough ones to regroup into a ten. How many tens and ones would you have if you regrouped?



- A** 3 tens and 1 ones
- B** 3 tens and 9 ones
- C** 2 tens and 7 ones
- D** 2 tens and 4 ones

**Q10.** Read the story.

There are 8 birds.



Then, 7 birds fly away.



Choose a subtraction sentence to match the story.

**A**  $8 - 1 = 7$

**B**  $7 - 1 = 8$

**C**  $8 - 7 = 1$

**D** None of these



**Q11.** You buy 2 boxes of eggs as shown below. You use half of the eggs in a cake. How many eggs are left?

**A** 2

**B** 4

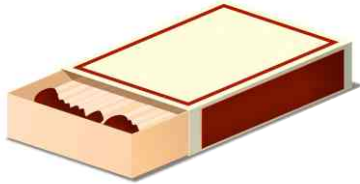
**C** 6

**D** 16

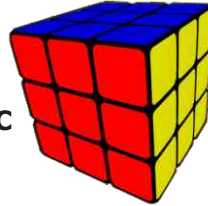


**Q12.** Which of the following does not have corners?

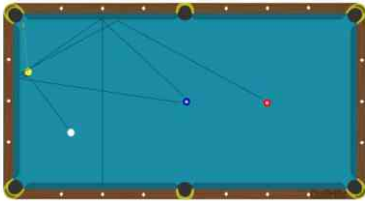
**A**



**C**



**B**



**D**



**A** A

**B** B

**C** C

**D** D

**Q13.** Which unit should be used to measure length of a pencil?

**A** Meter

**B** Centimeter

**C** Kilometer

**D** None of these

**Q14.** If 'standing lines' are called 'sleeping lines', 'sleeping lines' are called 'curved lines' and 'curved lines' are called 'slanting lines', then the circle is formed by\_\_\_\_\_.

**A** standing lines

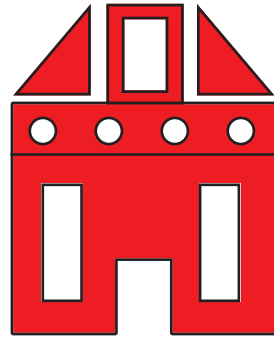
**B** slanting lines

**C** curved lines

**D** sleeping lines

**Q15.** Which of the following shapes is missing in the given figure?

- A** Triangle
- B** Circle
- C** Square
- D** Rectangle



**Q16.** What comes next in this sequence

17

15

13

11

9

7

- A** A yellow rectangle with the number 8
- B** A purple rectangle with the number 3
- C** A yellow rectangle with the number 6
- D** A purple rectangle with the number 5

**Q17.** Your teacher has requested you to find a quarter of this cake, you should \_\_\_\_\_

- A** cut it into 2 equal pieces
- B** cut it into 4 equal pieces
- C** share it with some friends
- D** eat some and share the rest

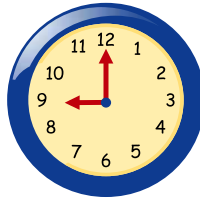




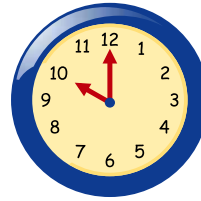
**Q18.** The following clocks show the time when some friends got the newspaper on Wednesday morning:



Ali



Ahmad



Asif

Who got the newspaper latest?

**A** Ali

**B** Ahmad

**C** Asif

**D** None of these



**Q19.** A milkman has below three milk vessels.  
How much total milk can he carry?



MILK 5L



MILK 2L



MILK 500mL

**A** 5L 500mL

**B** 8L

**C** 7L 500mL

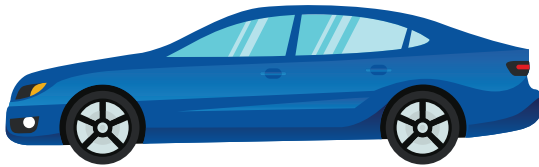
**D** 13L

**Q20.** A teacher told her students to draw a picture of a car. All students drew the car differently. Next day, when they showed their pictures to each other, they were very excited. But Ali started laughing. He was looking at Fatima's drawing of a car.

Both of them drew the picture of the same car. But the drawings looked different. Fatima said she had looked at the car from the terrace.

Which picture of the car was drawn by Fatima?

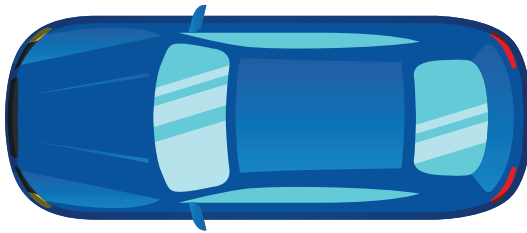
Car 1



Car 3



Car 2



Car 4



**A** Car 1

**B** Car 2

**C** Car 3

**D** Car 4

National Toppers  
ICATS  
Art Contest  
2023

Student Name	Father Name	Grade	School
ZOHA SUALEH	MIR M. SHAH SUALEH	1	FUTURE WORLD SCHOOL
SHAZIL ASAF	ASAF JAVED	1	ARMY PUBLIC SCHOOL & COLLEGE FOR BOYS
MUHAMMAD WALEE KHAN	FAHEEM ASHRAF	2	NUST CREATIVE LEARNING SCHOOL & COLLEGE
RAYYAN IRFAN	DR. MUHAMMAD YOUSAF	3	DHA JUNIOR SCHOOL
ANABIYA	HUSSAIN ABID	3	APS&C PMA
MAHNOOR	GHULAM MUSTAFA	4	AES SCHOOL FOR GIRLS
MEERAB KHAN	ADNAN ASIF KHAN	5	LAHORE GRAMMAR SCHOOL (JUNIOR SECTION)
MAHEEN MUNIR	MUNIR KHAN	6	FAUJI FOUNDATION SCHOOL
TALHA ALI KHAN	SADAQAT ALI	7	JOINT STAFF PUBLIC SCHOOL & COLLEGE
AREESHA MOBEEN	MOBEEN TAHIR	8	LAHORE GRAMMAR SCHOOL
ASMA NAEEM	NAEEM AMIN	9	ALLAMA IQBAL PUBLIC GIRLS HIGH SCHOOL
SUMERA KHAN	IMRAN KHAN	10	AES SCHOOL FOR GIRLS

*Congratulations*


National Toppers  
ICATS  
Creative Writing  
Contest  
2023

Student Name	Father Name	Grade	School
FAARIS ALI QURESHI	DANYAL QURESHI	1	LAHORE GRAMMAR SCHOOL
KHADIIJA AHSAN	AHSAN MAJEED	2	LAHORE GRAMMAR SCHOOL
ZAYYAN MUSTAFA	QAMAR MUSTAFA	3	ARMY PUBLIC SCHOOL (BOYS & GIRLS)
SIBTAIN ALI KHAN	FAWAD ALI PATHAN	4	PAK-TURK MAARIF INTERNATIONAL SCHOOLS & COLLEGES
SAARIM THARANI	IMRAN NOORALI THARANI	5	AGA KHAN SCHOOL GARDEN
M. AHMED JADOON		6	THE CITY SCHOOL (RAVI CAMPUS)
ARISHA MAZHAR	MAZHAR ALI	7	KOHSAR CHILDREN'S ACADEMY
VERDAH SAHAR USMAN	USMAN TARIQ SHEIKH	7	LAHORE GRAMMAR SCHOOL
SALEHA SHAHID	SHAHID WAHEED	8	THE CITY SCHOOL (PESHAWAR CAMPUS)
HALEEMA USMAN	USMAN AHMED	8	TNS BEACONHOUSE
UMAIMA AIMEN	MUBASHIR MUSTAFA	9	RANGERS PUBLIC SCHOOL
RANIA ZAKIA MALIK	TAHIR NAEEM MALIK	10	ISLAMABAD COLLEGE OF ARTS AND SCIENCES

*Congratulations*

Compete if you are the best

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 <https://instagram.com/icatscontests?igshid=MzRIODBiNWFIZA==>

 YouTube Channel for solved ICATS Mathematics Contests Past Papers  
<https://www.youtube.com/@NumbersWorld1>