



INTERNATIONAL CATS CONTESTS

COMPETENCE & APTITUDE TESTING SERVICES

FASTEST GROWING CONTESTS IN PAKISTAN

2023

QUESTION BOOKLET

**GRADE 3 & 4
KIDS**

Time Allowed: 75 Mins.
Maximum Marks: 75

ICATS
MATHEMATICS
CONTEST 2023



ICATS MATHEMATICS CONTEST 2023

KIDS (GRADE 3 & 4)

TIME ALLOWED : 75 MINUTES, MAXIMUM MARKS : 75

TOTAL QUESTIONS : 25 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
15. ANY ACADEMIC MISCONDUCT OR MALPRACTICE MUST BE REPORTED TO INTERNATIONAL CATS CONTESTS AT INFO@CATSCONTESTS.ORG

Read the information below and answer the questions 1 through 3.

Aslam is selling a glass of juice at Rs. 10.



He has a jug of juice which can fill a few glasses as shown below:



Q1. How much Aslam will earn by selling one jug of Juice?

A Rs. 40

B Rs. 45

C Rs. 50

D Rs. 60

Q2. If Aslam has these many jugs as shown below, then how many glasses can be filled with juice?



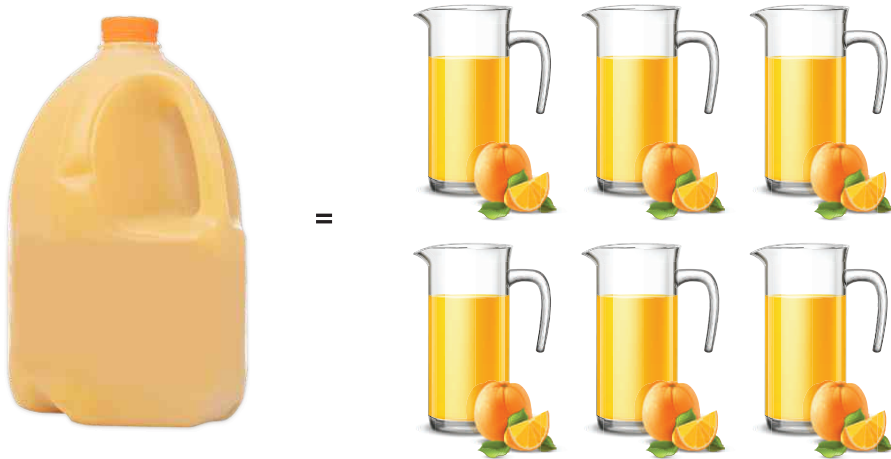
A 16 glasses

B 20 glasses

C 40 glasses

D 50 glasses

Q3. A big container can fill few jugs as shown below:



How many glasses can be filled with one container?

A 20 glasses

B 25 glasses

C 30 glasses

D 50 glasses

Q4. You purchased 4 eggs 4 times. What is the total number of eggs you purchased?

A 16

B 4444

C 44

D 40

Q5. If 445 is added to me, I would become 800. Who am I?

A 355

B 365

C 455

D 465

Q6. Which number sentence is incorrect?

A $8 + 5 = 13$

C $5 + 8 = 13$

B $13 - 5 = 8$

D $8 - 5 = 13$



Q7. Suhail has toothbrushes P and Q. Toothbrush P is _____  shorter than toothbrush Q.



A 1

B 2

C 3

D 4



Q8. Guess who am I?

WHO AM I?

- I am a 4 digit number.
- The digit at my hundred place is smallest 1 digit even number.
- The digit at my thousand place is the greatest 1 digit odd number.
- The digit at my ones place is just half of my digit at hundred place.
- My tens place number is 7.

A 9471

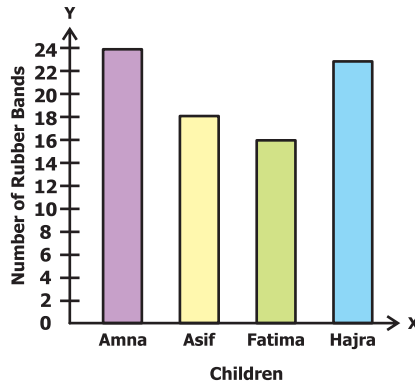
B 9271

C 7471

D 2971

Use the following graph to answer questions 9 and 10.

The graph shows the number of rubber bands each child has.



Q9. Which of the following is the correct ascending order of children with regard to the number of rubber bands they have?

A Amna, Fatima, Asif, Hajra

C Fatima, Asif, Hajra, Amna

B Hajra, Asif, Fatima, Amna

D Hajra, Asif, Amna, Fatima

Q10. How many more rubber bands do Amna and Asif together have than Hajra and Fatima together?

A 3

B 6

C 39

D 42

Q11. Which unit should be used to measure distance between two cities?

A Meter

B Centimeter

C Kilometer

D None of these

Q12. Which of these would be measured in kilogram?

A Length of pencil

C Weight of a board pin

B Packet of milk

D Bag of apples

Q13. Amir wants to buy a cricket bat which is 30cm shorter than his height. His height is 120cm. What will be the length of the bat?

A 60cm

B 80cm

C 90cm

D 150cm



Q14. An ant has 7 legs. How many legs do 9 ants have in all?

A 53

B 63

C 73

D 97



Q15. Arrange the below given numbers in ascending order.

506780, 500789, 506098, 567893

A 500789, 506098, 506780, 567893

C 506780, 567893, 506098, 500789

B 500789, 506780, 506098, 567893

D 506098, 500789, 567893, 506780



Q16. Which emoji will come next in the sequence?



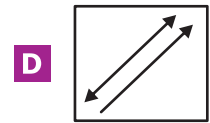
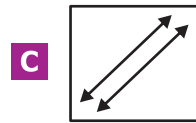
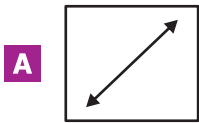
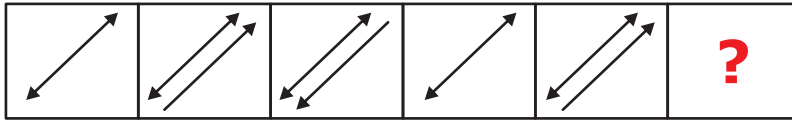
A 

B 

C 

D 

Q17. Fill the below given pattern:



Q18. Ahmad will go to meet his friend in the afternoon. At what time of the following will he go?

A 12:00 am

B 1:25 am

C 7:35 am

D 2:40 pm



Q19. Myra left from school at 1:30 pm. School bus took 45 minutes to reach her home. At what time she reached home?

A 2:15 am

B 2:25 am

C 2:05 pm

D 2:15 pm



Q20. If today is Tuesday, what will be day after tomorrow?

A Wednesday

B Thursday

C Friday

D Saturday

Q21. Fatima studies for 230 minutes each day, for how many hours does she study in 30 days?

A 110 hours

B 115 hours

C 120 hours

D 125 hours



Q22. Milan's city has population of 55,634. What is the population of the city rounded to the nearest hundred?

A 60,000

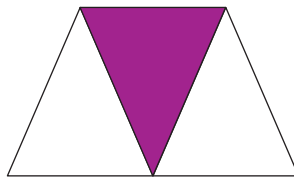
B 55,600

C 55,000

D 55,700



Q23. How much of the shape is purple?



A $\frac{2}{3}$

B $\frac{1}{4}$

C $\frac{1}{3}$

D $\frac{1}{2}$



Q24. If you have $\frac{3}{4}$ glass of milk, what is needed to make the glass full?

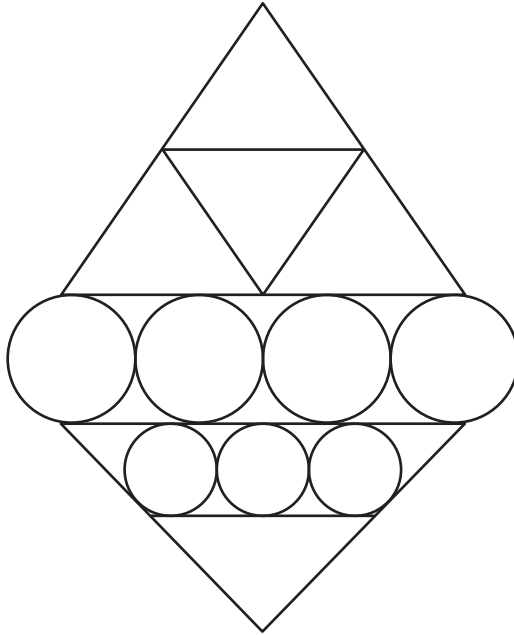
A $\frac{1}{2}$ glass of milk

C $\frac{1}{4}$ glass of milk

B $\frac{1}{3}$ glass of milk

D $\frac{1}{10}$ glass of milk

Q25. How many triangles are there in the following figure?



A 4

B 5

C 7

D 8

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==>

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