



INTERNATIONAL CATS CONTESTS

COMPETENCE & APTITUDE TESTING SERVICES

FASTEST GROWING CONTESTS IN PAKISTAN

2022 QUESTION BOOKLET

**GRADE 1 & 2
TODDLERS**

Time Allowed: 75 Mins.
Maximum Marks: 60



**ICATS
MATHEMATICS
CONTEST 2022**

ICATS MATHEMATICS CONTEST 2022

TODDLERS (GRADE 1 & 2)

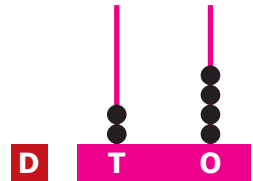
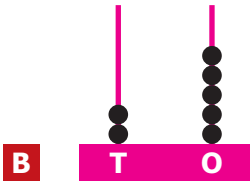
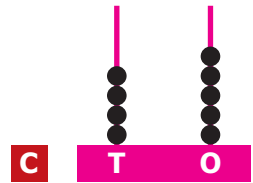
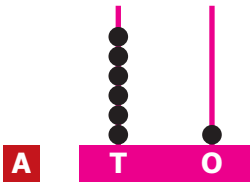
TIME ALLOWED : 75 MINUTES, MAXIMUM MARKS : 60

TOTAL QUESTIONS : 20 MCQS

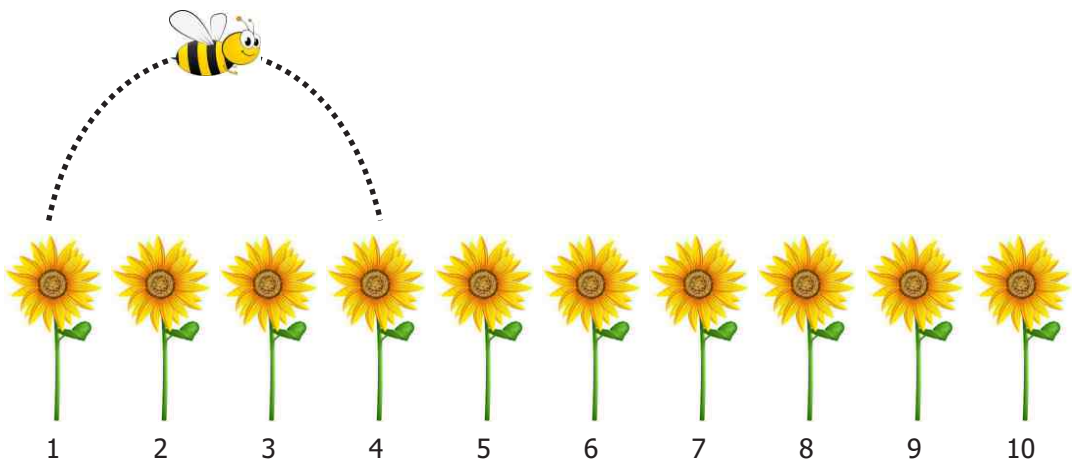
INSTRUCTIONS

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

Q1. Which abacus shows the sum of $15 + 9$?



Q2. A bee flies 3 flowers at a time starting from flower 1 and flies 2 times, on which flower the bee will land at last?



A 7

B 8

C 4

D 9

Q3. Arrange the below numbers to make the smallest possible 3 digit number:

8 3 6

A 863

B 638

C 386

D 368



Q4. Which of the following has smallest value?

A Twenty-Eight

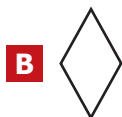
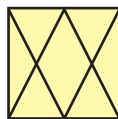
B 2 tens 3 ones

C 9 more than 23

D 2 less than 23



Q5. Which of the following figures is exactly embedded in the given figure as one of its parts?



Q6. Ahmad is taller than Atif, Atif is taller than Asif. Who is the smallest among them?

A Ahmad

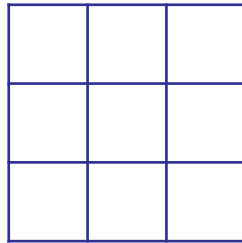
B Atif

C Asif

D Can't be determined



Q7. How many squares are there in the figure?



A 9

B 12

C 13

D 14



Q8. Which car is second to the left of fourth car from the right end?



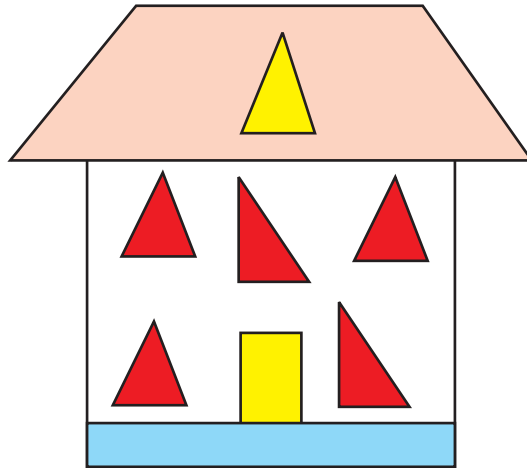
A Q

B G

C A

D F

Q9. How many slanting lines are there in the given figure?



A 10

B 12

C 15

D 8



Q10. Select the **CORRECT** statement.

A The largest 3-digit number formed by using all the digits 9, 4 and 7 is an odd number.

B The place value of 2 in 523 is 2.

C 42 tens is same as 402.

D The number 99 comes just before the smallest three digit number.

Q11. Tomorrow is **SUNDAY**. What day was yesterday?

A Saturday

B Monday

C Friday

D None of these



Q12. How many Saturdays are there in January?

JANUARY						
S	M	T	W	T	F	S
						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 4

B 5

C 6

D 3



Q13. Which tool would you use to find out how heavy a bag of apple is?

A



Scale

B



Tea Spoon

C



Clock

D

None of these

Q14. I have a one in the ones place. I am greater than 41 but less than 57.

What number am I?

A 51

B 61

C 56

D 42



Q15. Kavya starts her dance practice on third Thursday of October 2022. How many days did she practice in that month? Every Sunday is a holiday.

OCTOBER						
S	M	T	W	T	F	S
						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 15

B 17

C 13

D None of these



Q16. I buy a box of 12 Mangoes. I ate **quarter** of the mangoes. How many mangoes are left in the box?

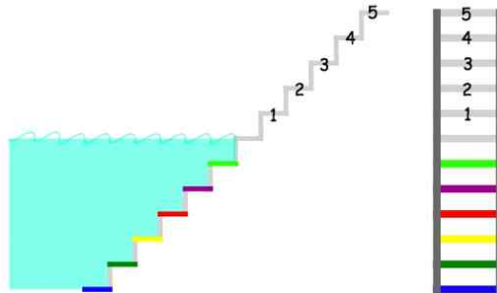
A 4

B 9

C 8

D 10

- Q17.** When you start learning about swimming, it may be that you will go down the steps carefully to reach the bottom, or use the ladder from the side of the pool. Here's a picture of a set of steps and the ladder.



You'll probably have noticed the coloured steps. The coloured steps are not numbered. The first step into the water is light green, the second step is purple, the third red and so on.

Suppose your friend puts you on step 4 and you only want to go a little way into the water so you head for the red step. Stepping down carefully, one step at a time, how many steps will you have to take?

A 6

B 7

C 8

D 9



- Q18.** This problem has been inspired by "The Man", a story by Raymond Briggs, which you might like to read.

The Man is much smaller than you and me.
Here is a picture of him standing next to a mug.

Can you estimate how tall he is?

A 4 to 5 inches

B 10 to 11 inches

C 1 to 2 feet

D 2 to 3 feet



Q19. In Sam's bedroom there is an old alarm clock which his Dad had thrown out because it had lost its minute hand. Although it has only its small hand, Sam can still tell the time using it. He can tell the hour, such as midday. He can tell when it is time to get up, time to go to school and time to turn his light out at night.



A



B



C



D

At what time does Sam get up and at what time does Sam go to school?

A Get up – A, Go to School D

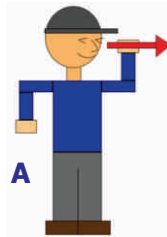
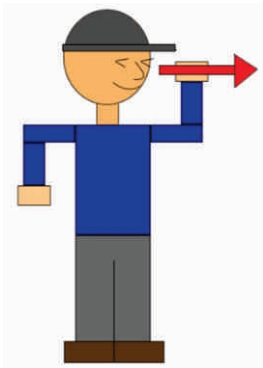
C Get up – C, Go to School D

B Get up – A, Go to School C

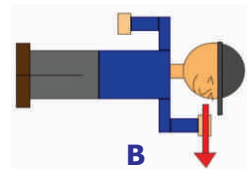
D Get up – D, Go to School A



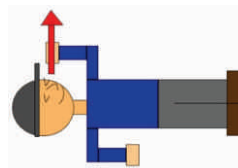
Q20. You are playing a video game. When you press the "turn" button, it gives the following man a quarter turn clockwise. How many times you need to press the turn button to give the man position C?



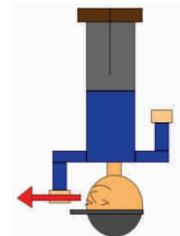
A



B



C



D

A 1 time

B 2 times

C 3 times

D 4 times

National Toppers
ICATS
Art Contest
2022

Student Name	Father Name	Grade	School
HUMNA NADIR	M. NADIR IKRAM	1	FOUNDATION PUBLIC SCHOOL
HAIDER ALI	ALI MUSHTAQ	2	ARMY PUBLIC SCHOOL & COLLEGE
MUHAMMAD YOUSAF	KAMRAN ASHRAF	3	KOHSAR CHILDREN'S ACADEMY
MUHAMMAD ZAID	M. SOHAIB NIZAMI	4	GENERATIONS SCHOOL
HANIA ABID	MRS. ASMA LATIF	5	FATIMA FERTILIZER SCHOOL
RUQAIYAH ALI ASGHER	ALI ASGHER KHAMBATWALA	5	MSB EDUCATIONAL INSTITUTE
RAMISHA ALI	ABID ALI MUGHAL	6	GOVT. QUEEN MARY GRADUATE COLLEGE
SYEDA FATIMA SURIYA	SYED TAHIR HUSSAIN	7	BEACONHOUSE SCHOOL SYSTEM
MANAL ARSHAD	MUHAMMAD ARSHAD	8	HABIB GIRLS SCHOOL
MARYAM SHAHID	SHAHID IQBAL	9	BAHRIA COLLEGE
AREEBA KHAN	DURAIZ KHAN	10	PRESENTATION CONVENT HIGH SCHOOL

Congratulations

National Toppers
ICATS
Creative Writing
Contest
2022

Student Name	Father Name	Grade	School
HASSAN WASEEM	M. WASEEM	1	PAKISTAN INT'L PUBLIC SCHOOL
M. AFNAN SUFDER	SUFDER HUSSAIN	2	ARMY PUBLIC SCHOOL AND COLLEGE SYSTEM
FATIMA NOOR	BILAL YOUSAF	3	LAHORE GRAMMAR SCHOOL
M. ABDULLAH HASSAN	RIZWAN AHMAD	3	LAHORE GRAMMAR SCHOOL
SHANZAY ADNAN	ADNAN FAROOQ	3	ARMY PUBLIC SCHOOL
PRATIK PARKASH	PARKASH LAL	4	THE CITY SCHOOL
DANIYAL SHAHZAD	SHAHZAD ASLAM	5	LAHORE GRAMMAR SCHOOL
HASSAN ALI	IMRAN ALI SHAH	6	ARMY PUBLIC SCHOOL & COLLEGE
MAIDA SOHAIL	SOHAIL AKRAM	7	BEACONHOUSE SCHOOL SYSTEM
ATIYA ATIF	MUHAMMAD ATIF NAZAR	8	ROOTS IVY INTERNATIONAL SCHOOL
AYESHA HAFEEZ	CH. GHULAM HAFEEZ	8	ISLAMABAD COLLEGE OF ARTS & SCIENCES
PARTHAM KUMAR	DOULAT RAM	9	AGA KHAN HIGHER SECONDARY SCHOOL
AMNA HUSNAIN	SYED ALI ZAFAR	10	AES SCHOOL FOR GIRLS
RASIKH JAVED	M JAVED	10	BAHRIA FOUNDATION COLLEGE

Congratulations

Compete
if you are the best