



# ICATS MATHEMATICS CONTEST 2019



**QUESTION BOOKLET**

**GRADE 1 & 2  
TODDLERS**

*Time Allowed: 75 Mins.  
Maximum Marks: 60*



INTERNATIONAL  
**CATS CONTESTS**

COMPETENCE & APTITUDE TESTING SERVICES

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## ICATS MATHEMATICS CONTEST 2019 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. ONLY 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.** Mr. Ahmed bought 30 newspapers in a month. Below are the newspapers that he saved from that month.



How many newspapers are missing from the 30 newspapers which Mr. Ahmed bought?

**A** 4

**B** 6

**C** 8

**D** 10



**Q2.** Mr. Ali's class went for bird watching. The students were divided into teams. The table below shows the number of birds each team saw.

BIRD WATCHING

	Team A	Team B	Team C
Sparrows	2	5	3
Robins	6	3	2
Cardinals	1	3	2

How many total birds Team B saw?

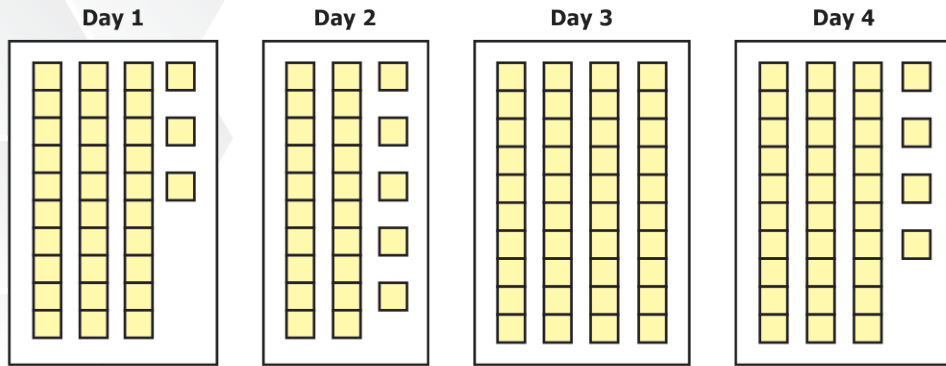
**A** 2

**B** 3

**C** 5

**D** 11

**Q3.** The students in art class were building a castle with blocks. The pictures below show how many blocks they used each day in building the castle.



After 4 days the castle was complete. How many blocks in all were used to make the castle?

**A** 102

**B** 122

**C** 122

**D** 132







**Q4.** Which clock shows the time 7:08?




- Q5.** The table below shows the number of butterflies in four different collections.

**BUTTERFLY COLLECTIONS**

Collection	Number of Butterflies
A	
B	
C	
D	

KEY
 = ? Butterflies

There are 20 butterflies in Collection A. How many butterflies does each butterfly picture in the key represent?

**A** 2

**B** 4

**C** 6

**D** 10



- Q6.** Sara used shapes to write the number sentence below.

$$\begin{array}{c} \square \\ 5 \end{array} + \begin{array}{c} \triangle \\ 4 \end{array} = \begin{array}{c} \triangle \\ 4 \end{array} + \begin{array}{c} \square \\ \end{array}$$

Which number should be written in the square?

**A** 2

**B** 3

**C** 4

**D** 5

**Q7.** Nomi wrote the number sentence below.

$$107 < \underline{\hspace{2cm}}$$

Which number can Nomi write on the line to make the number sentence correct?

**A** 101

**B** 106

**C** 107

**D** 109



**Q8.** Areeba has colored 25 pictures in a coloring book. She colors 23 more pictures in the book. What is the total number of pictures Areeba has colored in the book?

**A** 23

**B** 25

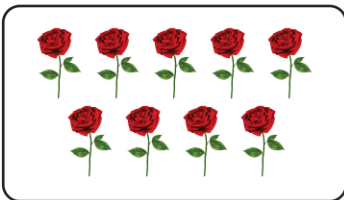
**C** 48

**D** 73

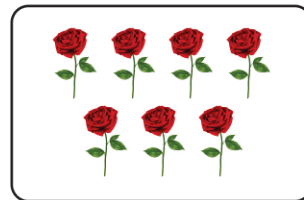


**Q9.** Which picture shows an even number of flowers?

**A**



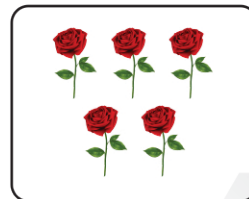
**B**



**C**



**D**



**Q10.** Which of these has the same number of hundreds as 952?

**A** 351

**B** 482

**C** 529

**D** 967



**Q11.** Jamil counts 48 tickets. Sonya counts 20 fewer tickets than Jamil. Which of these tells a way to find how many tickets Sonya counts?

**A** Add 2 tens to 48.

**B** Subtract 2 tens from 48.

**C** Add 2 ones to 48.

**D** Subtract 2 ones from 48.



**Q12.** Which tool is best for finding the length of a kitchen?

**A** ruler

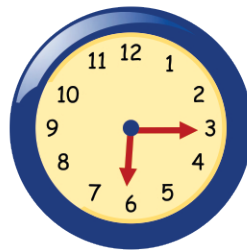
**B** measuring tape

**C** scale

**D** measuring spoon



**Q13.** This clock shows the time a play starts.



Which clock also shows the time the play starts?

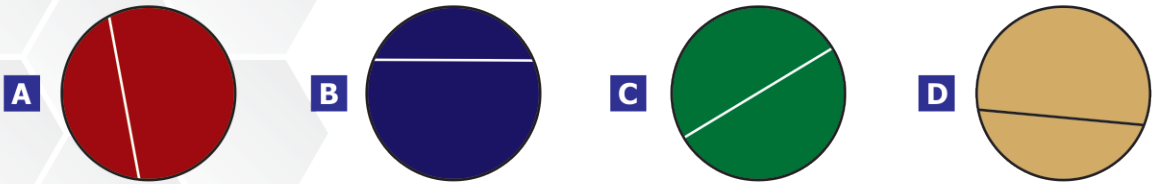
**A** 

**B** 

**C** 

**D** 

**Q14.** Which circle shows two halves?



**Q15.** How many women are there?



- A** Four      **B** Many      **C** Two      **D** There are more women than men

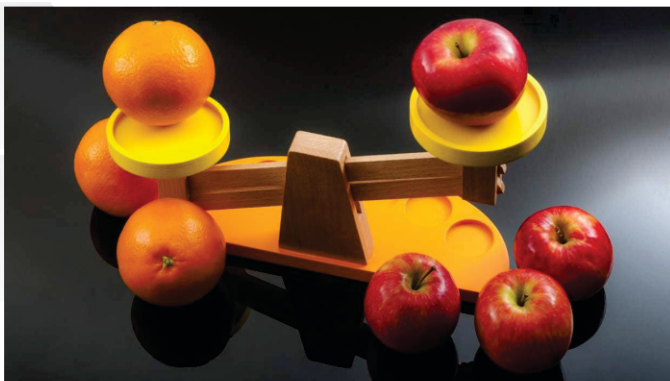
**Q16.** How many matchsticks are there in the picture?



- A** 12      **B** 8      **C** 10      **D** 9



**Q17.** How many apples and oranges are there in this picture?



**A** 6

**B** 8

**C** 7

**D** 9



**Q18.** Which bead is in the middle between two violet beads?



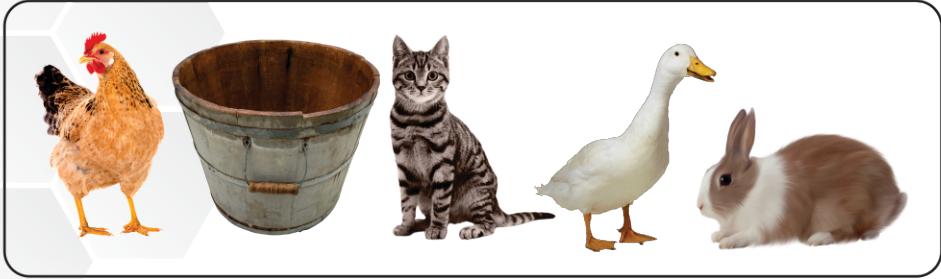
**A** a green bead

**B** a yellow bead

**C** a red bead

**D** a brown bead

**Q19.** Which animal is the first to the right of the wooden bucket?



- A**  **B**  **C**  **D** 



**Q20.** How many more eggs can you put into the package?



- A** 5 **B** 3 **C** 4 **D** 2

National Toppers  
ICATS  
Science Contest  
2018

*Congratulations*

Student Name	Father Name	Grade	School
ALI RIAZ	RIAZ AHMAD	1	BEACONHOUSE SCHOOL SYSTEM (PRIMARY CAMPUS)
FILZA ALI	ALI RAZA	2	ARMY PUBLIC SCHOOL COD
M. ZARAR HAIDER	FAHEEM HASSAN	3	MEEZAN SCHOOL (MAIN CAMPUS)
IMAD AHMAD	BAHARUDDIN	4	ARMY PUBLIC SCHOOL & COLLEGE SWAT
WANIA ALI	SAFDAR ALI	4	LAHORE GRAMMAR SCHOOL (LANDMARK PROJECT)
QASIM RASOOL	FAIZ UR RASOOL	4	ARMY BURN HALL COLLEGE FOR GIRLS
M. RAFFAY KUNDI	AFIF NASEER KUNDI	5	THE SCIENCE SCHOOL
AYESHA JUNAID	MUHAMMAD JUNAID	5	LAHORE GRAMMAR SCHOOL
ARYAN HASSAN	AFARASAYAB HASSAN	5	THE CITY JUNIOR SECTION CANAL
TAHER MURTAZA	MURTAZA BHINDERWALA	6	MSB EDUCATIONAL INSTITUTE
AREEJ AMIR	AMIR MASOOD	7	KARACHI PUBLIC SCHOOL
MUHAMMAD ALI	MUHAMMAD NAVEED	8	THE SCIENCE SCHOOL
ZOIBA RIAZ	RIAZ HUSSAIN	9	THE CITY SCHOOL RAHIM YAR KHAN
WAJAHAT MIRZA	ARIF MEHMOOD	10	KOHINOOR GRAMMAR SCHOOL & COLLEGE

National Toppers  
ICATS  
IT Contest  
2018

*Congratulations*

Student Name	Father Name	Grade	School
NOOR FATIMA	IMRAN ALI	1	HALIMAH SCHOOL OF EXCELLENCE
MUHAMMAD AFAQ	TAYYAB GHAFFAR	2	MEEZAN SCHOOL (CITY CAMPUS)
UMAR YOUSAF	MUHAMMAD YOUSAF	3	ARMY PUBLIC SCHOOL GARRISON JUNIOR LAHORE CANTT
AAN ZAHRA RANA	RANA	3	ARMY PUBLIC SCHOOL (GIRLS BRANCH)
RIDA YASIR	M. YASIR SALEEM	4	THE CITY SCHOOL (GULSHAN JUNIOR CAMPUS)
MUHAMMAD HAMIZ	MUHAMMAD ADIL	5	AL-QALAM GRAMMAR SCHOOL HAJIWALA
WAJAHAT ALI SHAFIQ	MUHAMMAD SHAFIQ	6	QUAID E AZAM DIVISIONAL PUBLIC SCHOOL
NASHRAH	SHEHZAD	7	GUARDS PUBLIC SCHOOL
ANEES HAMID	HAMID BASHIR	8	PAK TURK INTERNATIONAL SCHOOL AND COLLEGE
LAIBA GABOL	SALEEM GABOL	9	HABIB GIRLS' SCHOOL
AHMED ALI	M. AUN	10	MSB EDUCATIONAL INSTITUTE

Compete  
if you are the best