



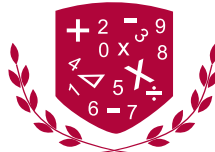
INTERNATIONAL CATS CONTESTS

COMPETENCE & APTITUDE TESTING SERVICES



**GRADE 7 & 8
JUVENILES**

*Time Allowed: 90 Mins.
Maximum Marks: 90*



ICATS IT
CONTEST 2018
QUESTION BOOKLET

ICATS IT CONTEST 2018

JUVENILES (GRADE 7 & 8)

TIME ALLOWED : 90 MINUTES, MAXIMUM MARKS : 90

TOTAL QUESTIONS : 30 MCQS

INSTRUCTIONS

1. DON'T START ATTEMPTING THE PAPER UNTIL INSTRUCTED BY THE INVIGILATORS.
2. INSTRUCTIONS FROM THE EXAMINATION INVIGILATOR 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
15. ANY ACADEMIC MISCONDUCT OR MALPRACTICE MUST BE REPORTED TO INTERNATIONAL CATS CONTESTS AT INFO@CATSCONTESTS.ORG

Q1. Leibniz built on Pascal's work by creating the Leibniz Wheel. This device was capable of what kind of calculations in addition to the ones Pascal's could do?

A Subtraction

B Addition and Multiplication

C Subtraction and Multiplication

D Multiplication and Division

Q2. Name the four important elements of Babbage's Engine that are components of today's computer.

A The stored program technique, an input device, an output device, and memory

B Mechanical calculation equipment, human-powered mechanisms, punched cards, and an output device.

C An input device, memory, a central processing unit, and an output device

D An input device, the stored program technique, a central processing unit, and an output device.

Q3. CTRL + C is the keyboard shortcut for

A Copy

B Paste

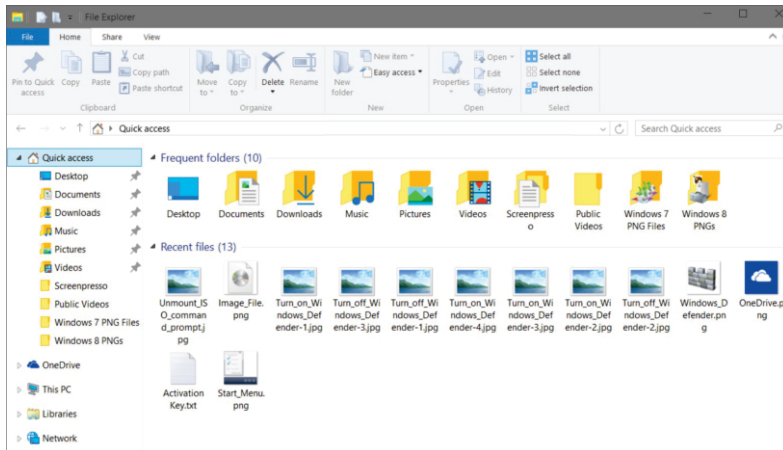
C Cut

D None of these

Q4.

You want to copy the 'Downloads' and 'Screen' folders to save them on another drive.

Which key should you use in combination with the mouse in order to select both folders?



A

Ctrl

B

Tab

C

Alt

D

Esc

Q5.

Toolbars contain icons representing commonly used commands. The same commands can be found ...

A

Nowhere

B

In the menus

C

At the bottom of the screen

D

On the desktop

Q6.

Fill in the blanks:

_____ is a set of command and program. _____ is a set of data. _____ is a place where files are kept. _____ is a symbol which you view on the computer screen.

A

Icon, folder, file, OS

B

OS, folder, icon, File

C

OS, file, folder, icon

D

File, OS, icon, folder

Use the below given information to answer questions 7 and 8.

P — Printer

Q — Print Range

R — Page Handling

S — Comments and Forms

Q7. In your Mathematics lesson, you created a slide presentation. You want to change printer before you print the slide presentation. Which option, P,Q,R or S, will allow you to do this?

A P

B Q

C R

D S

Q8. How many slides have been selected for printing?

A 1

B 2

C 3

D 6

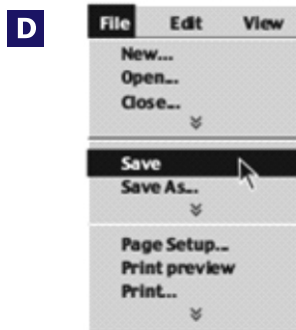
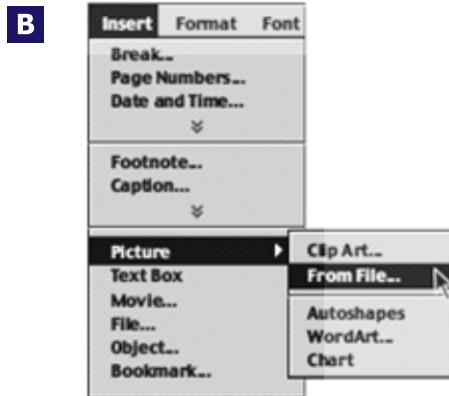
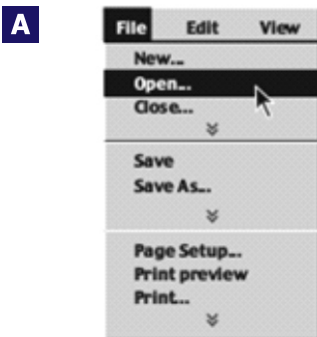
Q9. Yesterday, in your music class you saved your compositions as MP3 files. Today, you cannot remember where you saved them.

Which is the best way to locate the files?

- A** Create the files again. **B** Ask the person next to you.
C Use the Find or Search feature. **D** Put your hand up and ask the teacher.

Q10. You want to add a graphic from a file to your history assignment.

Which menu command would achieve this?



Q11. Given below are the statements about formatting the text. Select the correct statement.

1. In MS Word, formatting the text refers to changing the look of the text and applying various styles such as bold, italic, underline, etc.
2. After creating a document, you cannot move a single word or a line or a whole paragraph to a new location in the document.
3. Making changes and corrections in a document with a word processor is very complex.

A 1 and 2

B 1 and 3

C 2 and 3

D Only 1

Q12. The text between X and Y has been formatted differently. What has been used at X and Y to allow this to take place?

Australia A unique land

Australia is a continent of contrasts. Its interior is brown, burnt by the sun and parched of water. Its plants and animals are for the most part quite different to those of the rest of the world.

X

The Gold Coast is 42 km of white sand beach, which runs from the NSW border	to Southport, south of Brisbane. It offers a full range of entertainment.	It is a great place for families and young children, with lots of theme parks.
---	---	--

Y

Kakadu National Park is a World Heritage Site, famous for its waterfalls, rockpools, birdlife and vegetation. A cruise along the river takes you through a series of gorges. The red sandstone canyon walls rise steeply up 60 metres from the cool waters of the Katherine River.

A Columns

B Gutters

C Page breaks

D Section breaks

Q13. Starting with the letter in Figure 1, and following the changes shown, what sequence was used to complete the task?



Figure 1



Figure 2



Figure 3



Figure 4

A Rotate vertical, flip right, distort

B Rotate left, flip horizontal, resize

C Rotate horizontal, flip right, resize

D Rotate right, flip horizontal, distort

The text in Figure 1 was reformatted to the text in Figure 2.

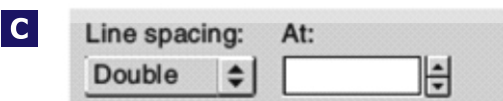
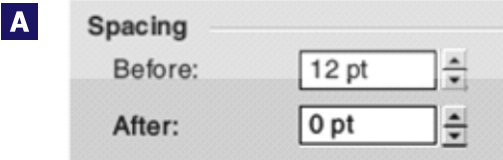
Australia is a continent of contrasts. Its interior is brown, burnt by the sun and parched for water.

Figure 1

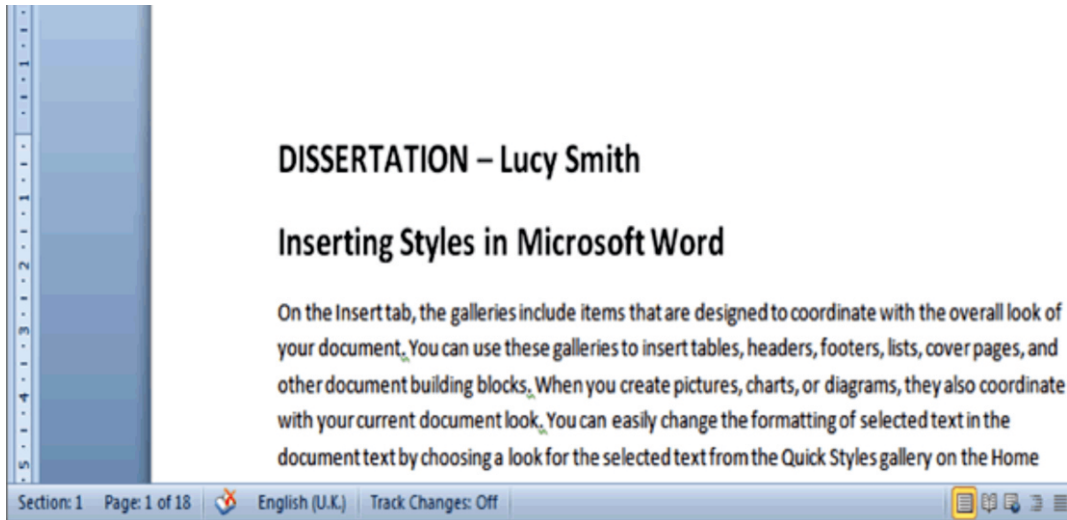
Australia is a continent of contrasts. Its interior is brown, burnt by the sun and parched for water.

Figure 2

Q14. Which of the following was used to achieve the new formatting?



- Q15.** Lucy is writing her dissertation. She wants to know how many words she has so far. Study the screen shot of her program window below. Which of the following would be the quickest solution for her?



- A** If she right clicks on the Status Bar and select 'Word Count' it will display the number of words in her document.
- B** If she clicks on Word Count on the Status Bar it will display the number of words in her document.
- C** If she selects her whole document and click on Word Count in the Status Bar it will display the number of words in her document.
- D** If she moves the Vertical Scroll Bar down to the end of the document and then click on Word Count in the Status Bar, it will display the number of words in her document.

- Q16.** You want to use an image you found on a website in a word document, what's the first step?

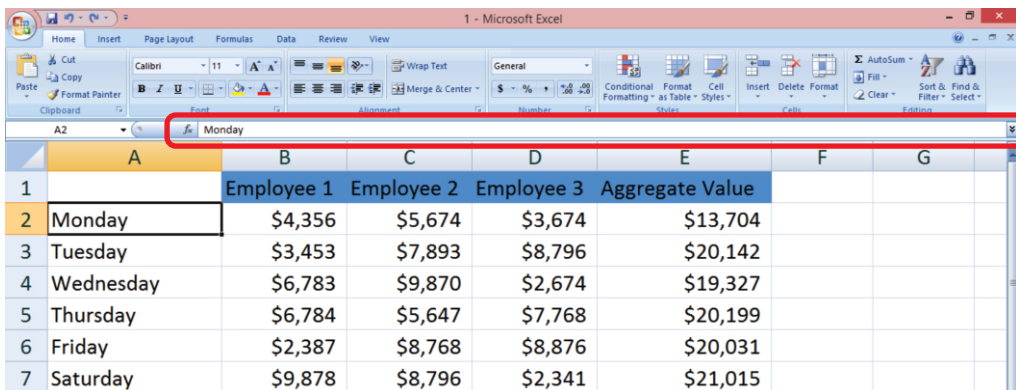
- A** click "Save Page As" from the browser menu and then use a photo editing software to extract the image
- B** Right-click on the image and select "save image as"
- C** Right-click on the image and select "copy image location"
- D** All of the above

Q17. Study the screenshot below. Is there a quick way for you to format the dates in the Dates column above to display as complete written out dates, for example, 12 December 2014 instead of 12/12/2014?

	A	B	C	D
1	Donations:	Dates:		
2	\$50.00	12/12/2014		
3	\$22.21	11/02/2015		
4	\$5.00	24/12/2014		
5	\$18.00	03/01/2015		
6	\$136.15	26/02/2015		

- A** Yes, by selecting the cells and in the Number group selecting Format as Date.
- B** No, this is not possible. The dates above are in a format not recognized by Excel and will need to be retyped.
- C** No, this is not possible. If dates are not entered as dates, it cannot be changed later on.
- D** Yes, by selecting the cells and in the Number group selecting Long Date.

Q18. What is the name of the thin, white area above the column letters that starts with the "fx" button (red circled) and stretches all the way to the right edge of the screen?



The screenshot shows the Microsoft Excel interface. The formula bar is highlighted with a red circle. The formula bar contains the text "Monday". The spreadsheet below shows a table with columns A through G and rows 1 through 7. The table data is as follows:

	A	B	C	D	E	F	G
1		Employee 1	Employee 2	Employee 3	Aggregate Value		
2	Monday	\$4,356	\$5,674	\$3,674	\$13,704		
3	Tuesday	\$3,453	\$7,893	\$8,796	\$20,142		
4	Wednesday	\$6,783	\$9,870	\$2,674	\$19,327		
5	Thursday	\$6,784	\$5,647	\$7,768	\$20,199		
6	Friday	\$2,387	\$8,768	\$8,876	\$20,031		
7	Saturday	\$9,878	\$8,796	\$2,341	\$21,015		

- A** Ribbon
- B** Formula bar
- C** Mini toolbar
- D** Fix-it bar

Study the below given picture and answer questions 19 through 21.

	A	B	C	D	E	F	G
1			Signor's Coffee Shop				
2							
3	Item	Description	Price	Price include GST	Size	Number sold	Total sales
4							
5	Coffee	Short black	\$2.50	\$2.75	Small	10	\$27.50
6	Coffee	Long black	\$3.00	\$3.30	Small	5	\$16.50
7	Coffee	Flat white	\$3.00	\$3.30	Small	8	\$26.40
8	Coffee	Cappuccino	\$3.00	\$3.30	Small	15	\$49.50
9	Coffee	Cappuccino	\$4.00	\$4.40	Large	6	\$26.40
10	Coffee	Latté	\$3.00	\$3.30	Small	7	\$23.10
11							
12					Most sold	15	

Q19. Which of the following describes the group of cells that are highlighted?

- A** A column **B** A worksheet **C** Active cells **D** A range of cells

Q20. The Total sales for Short black coffee has been determined. Which formula was used to do this?

- A** =D5*F5 **B** =D5+F5 **C** =D5-F5 **D** =D5^F5

Q21. Which formula was entered in column F to calculate Most sold?

- A** =MIN(F5:F10) **B** =MAX(F5:F10) **C** =COUNT(F5:F10) **D** =AVERAGE(F5:F10)

Q22. Which of these can you insert into a Power point presentation?

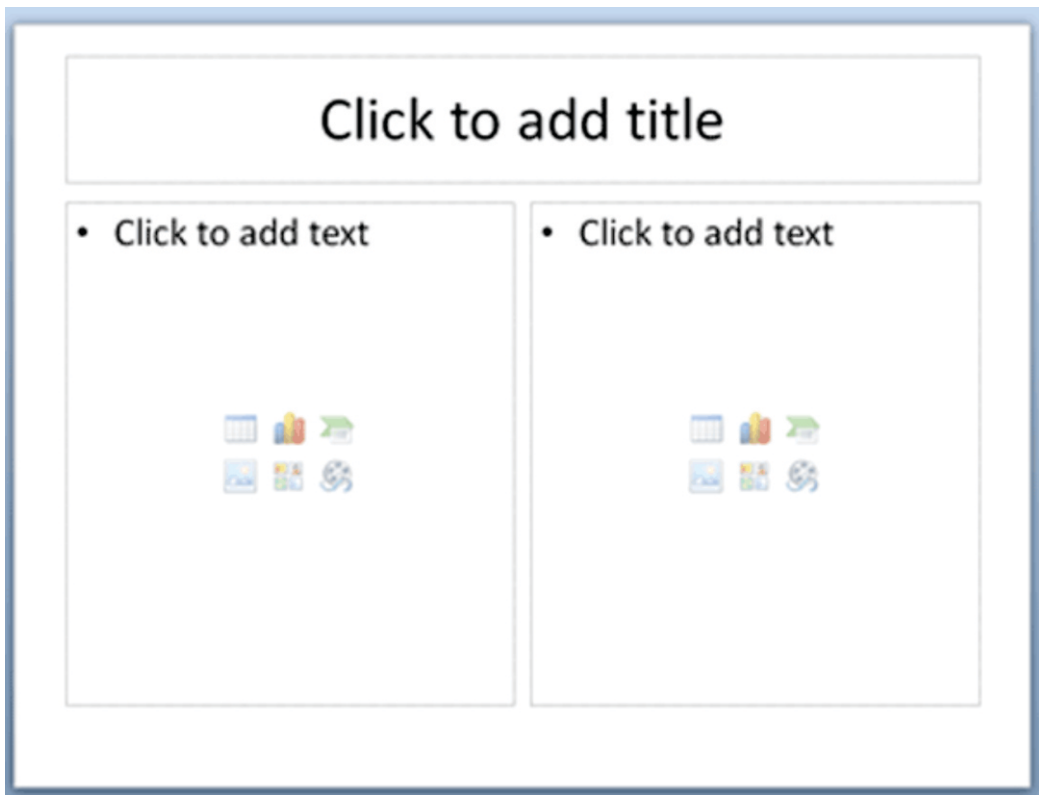
A Clip art

B A sound file directly recorded

C A video clip

D All of the above

Q23. Study the screenshot below. Which slide type or slide layout must you select to achieve the layout represented by the content placeholders?



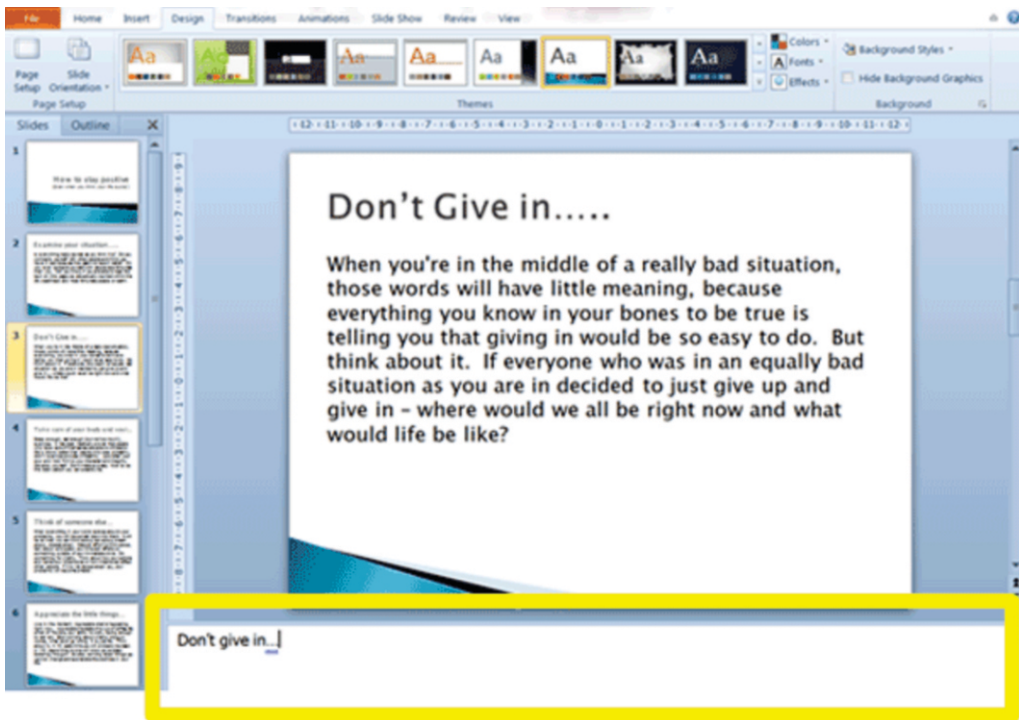
A Select the Content with Caption option.

B Select the Two Content option.

C Select the Title and Content option.

D Select the Parallel and Heading option.

Q24. Study the screenshot below. What do you think is the purpose of the area circled in yellow below?



- A** It is used to add text to each slide. After you press enter, the text will appear on the slide in the main screen.
- B** It is used to name each slide in a presentation. For example, the slide on display above is called: Don't give in....
- C** It is used to add speaker notes to each slide that the presenter will use during the presentation to prompt and guide them.
- D** None of the above options are correct.

Q25. Study the screenshot below. Which view type do you think this is and what is it most useful for?



- A** It is called the Outline View and is perfect for viewing all the slides in a presentation.
- B** It is called the Slide View and is perfect for reorganizing slides in a presentation.
- C** It is called the Slide Sorter View and is perfect for reorganizing slides in a presentation.
- D** It is called the Presentation view and is perfect for reorganizing the presentation.

Q26. What are the four main tags that are used in creating web pages?

- A** Html, title, body, table
- B** Html, head, title, body
- C** Html, p, head, title
- D** Html, body, table, p

Q27. What tag is needed to create link in HTML?

- A** Anchor tag **B** Navigation tag **C** Linkage tag **D** Move tag

Q28. In HTML, which one of the following is an attribute of <form> tag


- A** Method **B** Action **C** Both (a)&(b) **D** None of these

Q29. Choose the correct HTML element for the largest heading:

- A** <head> **B** <h1> **C** <h6> **D** <heading>

Q30. Who will receive the first copy of the following email?

- A** saudbhoira only
B a only
C saudbhoira, d and e
D d and e

 **Send**

From saudbhoira@noyosystems.com ▾


To a@z.com

Cc b@z.com, c@z.com

Bcc d@z.com, e@z.com

[Add Reply-To](#)

Subject

 [Attach a file](#)

(This page is intentionally left blank)

ICATS English Linguistics Contest 2018 National Toppers

Student Name	Father Name	Grade	School	City
FIMAAN TASSADDUQUE	ROSHAAN TASSADDUQUE	1	KOHINOOR GRAMMAR SCHOOL	FAISALABAD
MUSA NOOR	NOOR NABI	1	FOUNDATION MONTESSORI SCHOOL	BAHAWALPUR
ZAINA KHAN	MUNAWAR AHMED	1	BEACONHOUSE SCHOOL SYSTEM (BKI F-7/4)	ISLAMABAD
MALIK-AL-ASHTER	KHAN MURTAZA	2	MSB INSTITUTE-SHABBIRABAD	KARACHI
JAWAD ALI	MUHAMMAD ASSAD	2	JOINT STAFF PUBLIC SCHOOL AND COLLEGE CHAKLALA	RAWALPINDI
M. ASAD HUSSAIN	SYED M. ASIF HUSSAIN	2	USMAN PUBLIC SCHOOL SYSTEM (CAMPUS XVI)	KARACHI
HIJAB FATIMA	IRFAN QADIR	3	BEACONHOUSE ALLAMA IQBAL TOWN CAMPUS	LAHORE
ZAINEB NADEEM	NADEEM AFZAL	4	KOHSAR CHILDREN'S ACADEMY	MANSEHRA
MARIA FAISAL	FAISAL SALEEM	5	THE CITY SCHOOL GIRLS BRANCH SATELLITE TOWN	RAWALPINDI
IBRAHIM SALMAN	SALMAN RASOOL	6	LAHORE GRAMMAR SCHOOL FAISAL TOWN BRANCH	LAHORE
KHADIJA IMRAN	IMRAN MAGRANI	7	D. A PUBLIC SCHOOL (O/A LEVELS) SEAVIEW	KARACHI
LAIBA MASOOD	MASOOD ABBAS	8	USMAN PUBLIC SCHOOL SYSTEM (CAMPUS 1)	KARACHI
EMAAN IFTIKHAR	IFTIKHAR AHMAD	9	BEACONHOUSE SCHOOL SYSTEM PTC GIRLS BRANCH	GUJRANWALA
AYESHA NADEEM	MUHAMMAD NADEEM	10	USMAN PUBLIC SCHOOL SYSTEM (CAMPUS VIII)	KARACHI

ICATS Mathematics Contest 2018 National Toppers

Student Name	Father Name	Grade	School	City
AMAN ALI AHMAD	MUHAMMAD WASIM	1	LAHORE GRAMMAR SCHOOL (LANDMARK PROJECT)	LAHORE
MIAN AZAAN MAQBOOL	DANISH MAQBOOL	2	ARMY PUBLIC SCHOOL GARRISON JUNIOR	LAHORE
SHAHEER AFZAL	JAVED AFZAL MARWAT	3	ARMY PUBLIC SCHOOL (TODDLERS ACADEMY)	PESHAWAR
MUHAMMAD AHMED	ASMAT ALI	4	ARMY BURN HALL SCHOOL AND COLLEGE (FOR GIRLS)	ABBOTTABAD
M. MURTAZA ZAIDI	BABER ALI	5	BEACONHOUSE ALLAMA IQBAL TOWN CAMPUS	LAHORE
RAJA SAAD ALI	RAJA AAMIR	6	HITEC SCHOOL & COLLEGE FOR BOYS CANTT	TAXILA
ZAID BIN HAROON	M. HAROON RAFIQUE	7	THE SCIENCE SCHOOL	RAWALPINDI
WALEED AHMED	M. ATIQ	8	KIPS SENIOR BOYS CAMPUS JOHAR TOWN	LAHORE
M. RAYAN ABID	M. ABID MUNEEER	9	SIR SYED SCHOOL AND COLLEGE (CAMPUS IV)	WAH CANTT
IMTIAZ KHAN	DADA KHAN	10	AGA KHAN HIGHER SECONDARY SCHOOL	GILGIT

Compete
if you are the best