



Question Booklet

GRADE 7 & 8 JUVENILES

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



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ICATS IT CONTEST 2021 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 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.
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15. ANY ACADEMIC MISCONDUCT OR MALPRACTICE MUST BE REPORTED TO INTERNATIONAL CATS CONTESTS AT INFO@CATSCONTESTS.ORG

Q1. Which of the following statements is true about fourth generation computers?

A | Fourth generation computers used microprocessor.

B | Microprocessor generally consists of thousands of integrated circuit.

C | These computers used assembly language

D | Both A and B are true



Q2. Where is the headquarters of Intel located?

A | Redmond, Washington

C | Santa Clara, California

B | Tucson, Arizona

D | Richmond, Virginia



Q3. This memory is for short-term storage and lost when the computer is turned off.

A | Icon

B | CPU

C | Hard drive

D | RAM



Q4. What is the other name used for computer programs and information?

A | Output

B | Process

C | Software

D | CPU

Q5. This part stores data, programs, settings and the operating system while the computer is off. While it is on, it spins inside the computer reading and writing data. What is the name of this part?

A | CPU

B | Motherboard

C | RAM

D | Hard Drive



Q6. Mouse is a pointing device. They are of various types. Which of the following is/are type(s) of mouse?

A | Mechanical mouse

B | Serial Mouse

C | Optical mouse

D | All of these



Q7. Which of the following statement(s) is/are true about light pen?

A | Light pen consists photocells.

C | Light pen uses light of sensor.

B | Light pen is a type of output device.

D | Both A and C are true



Q8. Which of these is an operating system?

A | Dell

B | Windows XP

C | Yahoo

D | Microsoft

Q9. Alt + F4 command is used to:

A | Start a Program

B | Execute a command

C | Open a new file

D | Close any program



Q10. QWERTY letters are the letters on _____ of the keyboard.

A | down left

B | down right

C | top left

D | top right



Q11. Shift keys of a keyboard are used to:

A | start a new line

B | type capital letters

C | type symbols

D | both b and c



Q12. There are _____ basic operations performed by a computer.

A | Two

B | Three

C | Four

D | Five

Q13. Which of the following is a reliable storage device to take data from one computer to other?

A | USB Flash Memory

B | RAM

C | Floppy Disk

D | Hard Disk



Q14. Which of the following represents the most accurate list of names of tabs on the Ribbon?

A | The Home Tab, Print Tab, Insert Tab, References Tab, Mailings Tab, Review Tab

B | The Home Tab, Insert Tab, Page Layout Tab, References Tab, Mailings Tab, Review Tab, View Tab

C | The Home Tab, Insert Tab, Print Layout Tab, References Tab, Envelopes and Labels Tab, Review Tab, View Tab

D | The Home Tab, Insert Tab, Page Layout Tab, References Tab, Mailings Tab, Review and View Tab



Q15. Which of the following is not a method for pasting content that has been copied or cut?

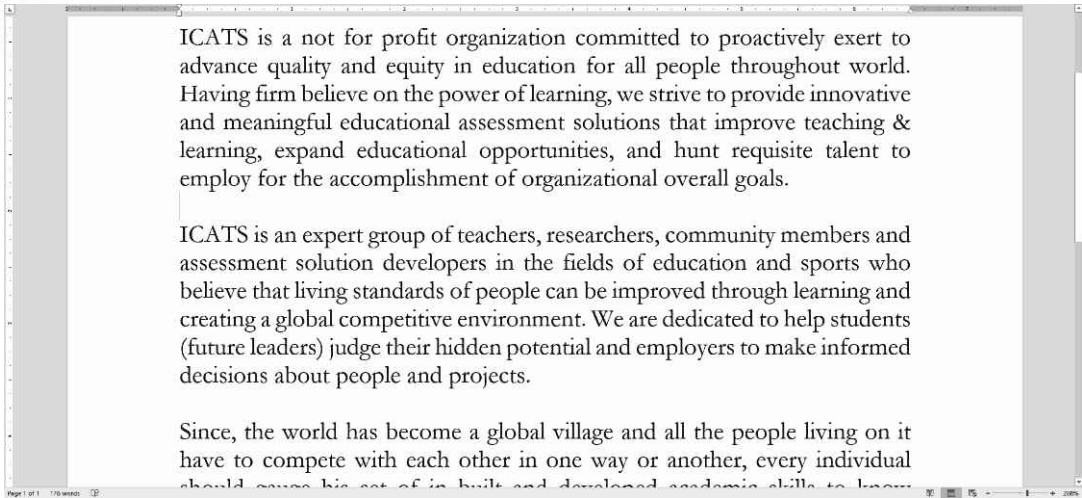
A | Press Ctrl+v to paste content.

B | Press the Paste button in the Clipboard group on the Ribbon.

C | Click on the item to be pasted on the Clipboard.

D | Press Ctrl+p to paste content.

Q16. Study the image of a Word screen below. The Horizontal Scroll bar has disappeared. What is the explanation for this?



A | It is disabled. To re-enable it, click on the View Rulers button.

B | There is no horizontal scroll bar in Word, only a Vertical Scroll Bar.

C | The document fits the screen horizontally, there is no content that is obscured. The Horizontal Scroll Bar is therefore hidden.

D | It is disabled. Right-click the Status Bar to re-enable it.



Q17. Which of the following measurements represent paragraph spacing?

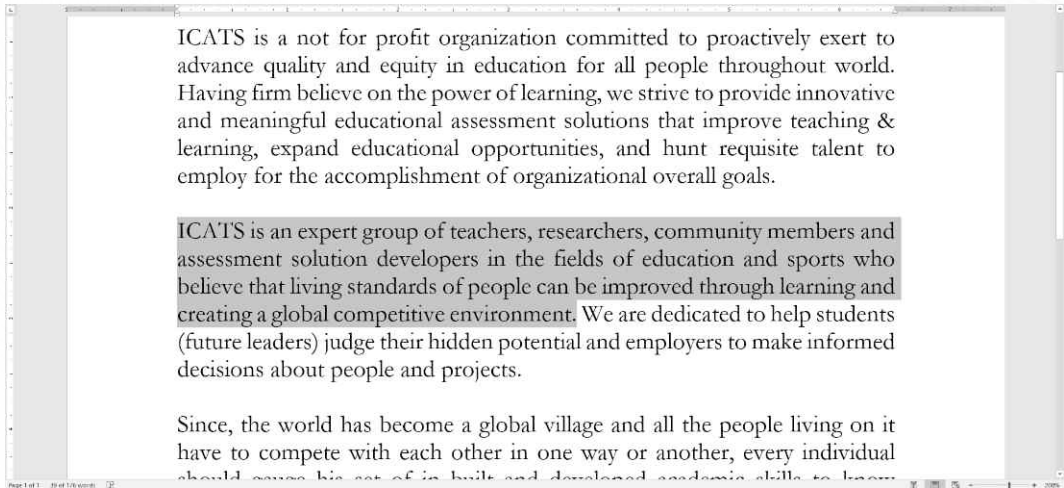
A | Double 1.5

C | Multiple 1.5

B | 12 pt before, 12 pt after

D | 2.5 pt right, 2.5 pt left

Q18. Study the selected sentence in the screenshot below. What is the **QUICKEST** way of selecting a sentence?



- A** | Use your mouse to left-click and drag through all the words and characters in a sentence.
- B** | Hold down the Ctrl key and use the right arrow on your keyboard to select all the words and characters in the sentence.
- C** | Triple click your left mouse button anywhere in the sentence to select the entire sentence.
- D** | Hold down the Ctrl key and click once anywhere in the sentence you wish to select.



Q19. The Formula Bar is the block located above the grid in a worksheet and preceded by the letters *fx*. Which of the following comments about the Formula Bar is **NOT** correct:

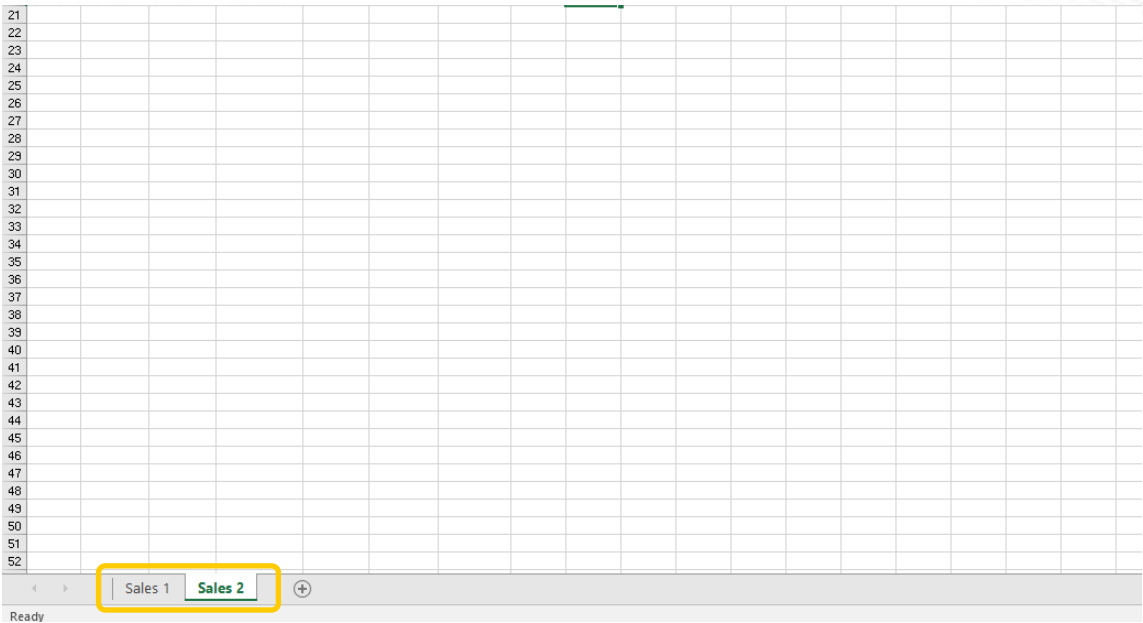
- A** | The Formula Bar is only used to create formulas by pressing the *fx* located to the left of the box.
- B** | The Formula Bar contains the contents of the cell you have selected.
- C** | You can type numbers or text directly into the formula bar.
- D** | You can edit words or numbers contained in selected cells in the Formula Bar.

Q20. Study the image below this question. Fatima's hand slipped whilst she was working on a spreadsheet and her data is now so small that she is unable to read it. Which of the following actions will solve her problem?

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1	OrderDate	Region	City	Category	Product	Quantity	UnitPrice	TotalPrice												
2	1/1/2020	East	Boston	Bars	Carrot	33	1.77	58.41												
3	1/4/2020	East	Boston	Crackers	Whole Wheat	87	3.49	303.63												
4	1/7/2020	West	Los Angeles	Cookies	Chocolate Chip	58	1.87	108.46												
5	1/10/2020	East	New York	Cookies	Chocolate Chip	62	1.87	115.34												
6	1/13/2020	East	Boston	Cookies	Arrowroot	36	2.38	85.94												
7	1/16/2020	East	Boston	Bars	Carrot	54	1.77	95.58												
8	1/19/2020	East	Boston	Crackers	Whole Wheat	149	3.49	520.01												
9	1/22/2020	West	Los Angeles	Bars	Carrot	51	1.77	90.27												
10	1/25/2020	East	New York	Bars	Carrot	100	1.77	177												
11	1/28/2020	East	New York	Snacks	Potato Chips	28	1.35	37.8												
12	1/31/2020	East	Boston	Cookies	Arrowroot	36	2.38	85.94												
13	2/3/2020	East	Boston	Cookies	Chocolate Chip	31	1.87	57.97												
14	2/6/2020	East	Boston	Crackers	Whole Wheat	28	3.49	97.72												
15	2/9/2020	West	Los Angeles	Bars	Carrot	44	1.77	77.88												
16	2/12/2020	East	New York	Bars	Carrot	23	1.77	40.71												
17	2/15/2020	East	New York	Snacks	Potato Chips	27	1.35	36.45												
18	2/18/2020	East	Boston	Cookies	Arrowroot	43	2.38	102.34												
19	2/21/2020	East	Boston	Cookies	Oatmeal Raisin	123	2.84	349.32												
20	2/24/2020	West	Los Angeles	Bars	Bran	42	1.87	78.54												
21	2/27/2020	West	Los Angeles	Cookies	Oatmeal Raisin	33	2.84	93.72												
22	3/2/2020	East	New York	Cookies	Chocolate Chip	85	1.87	158.95												
23	3/5/2020	West	San Diego	Cookies	Oatmeal Raisin	30	2.84	85.2												
24	3/8/2020	East	Boston	Bars	Carrot	61	1.77	107.97												
25																				
26																				
27																				
28																				
29																				
30																				
31																				
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41																				
42																				
43																				

- A** | If she holds down the control key on her keyboard and scrolls her mouse wheel forwards, the magnification will be corrected.
- B** | If she clicks on the button that is labelled 100% in the Zoom group under the View tab, the magnification will be corrected.
- C** | If she clicks on the button that is labelled Zoom in the Zoom group under the View tab and type 120% into the custom box, the magnification will be corrected.
- D** | All of the above actions will solve her problem.

Q21. Study the image of MS-Excel below this question. What is the purpose of the two words circled in orange?



- A** | These represent the names of the individual workbooks you have saved. If you click on the "Sales 2" tab it will open this workbook.
- B** | These reflect a selected range of cells in the worksheet. If you click on "Sales 2" it will take you to the selected cell.
- C** | These represent worksheets that have been created in the workbook. If you click on them they will take you to the different sheets.
- D** | This is the Name Box and represents named ranges in the worksheet. If you click on "Sales 2", you can rename the range.

Q22. Study the screenshot of a Price List below this question. To calculate the value for the highlighted block (Total for Products Sold), one would have to multiply each item in the Selling Price column with the Number Sold column and then total that up to get an answer. However, there is a quicker way. Which of the following solutions when entered in the highlighted box, will give the correct total?

	A	B	C	D	E	F	G
1	Price List						
2							
3	Source:	Item:	Selling Price:	Number Sold:		Total for Products Sold: Sold:	
4	Bakery	Peanut Clusters	\$ 0.50	55			
5	Bakery	Chocolate Raisins	\$ 10.80	2			
6	Bakery	Fudge Squares	\$ 3.50	189			
7	Bakery	Choc Squares	\$ 3.50	155			
8	Mucro	Doritos Sweet Chili	\$ 12.20	48			
9	Mucro	Beacon Whippy	\$ 5.20	25			
10	Bakery	Cup Cakes	\$ 2.50	235			
11	Bakery	Leamingtons	\$ 1.90	40			
12	Mucro	Cashew Nuts	\$ 24.50	17			
13	Mucro	Apricot Sweets	\$ 1.00	239			
14	Mucro	Funny Faces	\$ 1.00	320			
15	Bakery	Marzipan chocolate	\$ 21.50	19			
16	Mucro	Liquorice	\$ 8.50	189			
17	Mucro	Jelly Babies	\$ 5.00	202			

A | By entering =SUM(C4:C32*D4:D32) and pressing enter.

B | By entering =(C4:C32*D4:D32) and pressing Alt+=.

C | By entering =C4*D4 and pressing Ctrl+Shift+Enter.

D | By entering =SUM(C4:C32*D4:D32) and pressing Ctrl+Shift+Enter.

Q23. Study the image below taking note of the vertical and horizontal dotted lines across the center of the worksheet. What is the purpose of these lines?

	A	B	C	D	E	F	G	H
1	OrderDate	Region	City	Category	Product	Quantity	UnitPrice	TotalPrice
2	1/1/2020	East	Boston	Bars	Carrot	33	1.77	58.41
3	1/4/2020	East	Boston	Crackers	Whole Wheat	87	3.49	303.63
4	1/7/2020	West	Los Angeles	Cookies	Chocolate Chip	58	1.87	108.46
5	1/10/2020	East	New York	Cookies	Chocolate Chip	82	1.87	153.34
6	1/13/2020	East	Boston	Cookies	Arrowroot	38	2.18	82.84
7	1/16/2020	East	Boston	Bars	Carrot	54	1.77	95.58
8	1/19/2020	East	Boston	Crackers	Whole Wheat	149	3.49	520.01
9	1/22/2020	West	Los Angeles	Bars	Carrot	51	1.77	90.27
10	1/25/2020	East	New York	Bars	Carrot	100	1.77	177
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17	2/15/2020	East	New York	Snacks	Potato Chips	27	1.35	36.45
18	2/18/2020	East	Boston	Cookies	Arrowroot	43	2.18	93.74
19	2/21/2020	East	Boston	Cookies	Oatmeal Raisin	123	2.84	349.32
20	2/24/2020	West	Los Angeles	Bars	Bran	42	1.87	78.54
21	2/27/2020	West	Los Angeles	Cookies	Oatmeal Raisin	33	2.84	93.72

- A** | These are table border lines and help make the data easier to read.
- B** | These are printing guidelines as to where the center of each page is situated.
- C** | These represent section breaks denoting the different sections that will be printed.
- D** | These represent page breaks denoting where the edges of each page will be when printed.



Q24. In MS-Powerpoint, what can we add in the slide to make it more appealing and informative?

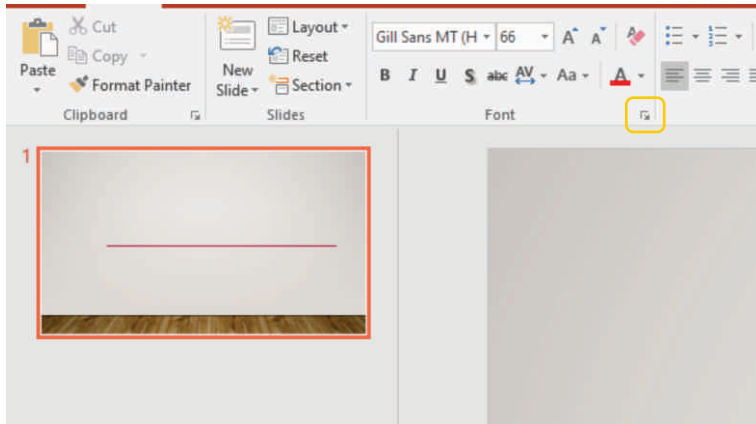
- A** | text
- B** | graphics
- C** | audio
- D** | all of these



Q25. Which of the following is NOT a tab found on the PowerPoint Ribbon?

- A** | The Review tab.
- B** | The View Tab.
- C** | The Page Layout Tab.
- D** | The Insert Tab.

Q26. Study the screenshot of a part of the PowerPoint screen and Ribbon below. What is the function of the small arrow (circled in yellow) in the bottom right-hand corner of the Font group?



- A** | This is called a Dialogue Box Launcher. Clicking it in the Font group will launch a dialogue box with more Font options.
- B** | This is called a Ribbon Expander button. It enlarges the visible area of the Ribbon and displays hidden buttons.
- C** | This is called a Group Expander button. You can drag it to make the Font group bigger.
- D** | None of the above options is correct.



Q27. Jessica created two PowerPoint presentations the previous week but now cannot find where they are saved. She could use the Search function built into Windows to try and locate them, but she is not sure what she named them either. Is there a quick solution available to her?

- A** | If she clicks on Recent in the Backstage View, she will have a list of Recent Presentations visible from which she may be able to identify her missing presentations.
- B** | If she clicks on the Find button under the Home tab, she can search for key words to locate the missing presentations.
- C** | If she uses the shortcut: Ctrl+F, she can search for key words to locate the missing presentations.
- D** | All of the above options are correct.

Q28. Fatima has opened a slideshow presentation sent to her by a colleague. When she clicks on From Beginning under the Slide Show tab, the slide show starts but does not progress past the first page which only contains a title. Can you help her?

A | There is only one slide in the presentation, the title slide. Her colleague has clearly made a mistake.

B | She needs to use her mouse to click to transition to the next slide.

C | She needs to exit the presentation and play it in the Presenter View to view all the slides in the presentation.

D | She needs to exit the presentation and ensure she clicked From Beginning and not From Current Slide.



Q29. When was the first e-mail sent?

A | 1963

B | 1969

C | 1971

D | 1974



Q30. Which tag will add rows to your tables in HTML?

1. `<tr>` and `</tr>`
2. `<th>` and `</th>`
3. `<td>` and `</td>`

A | Option 1

B | Option 2

C | Option 3

D | None of above

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Student Name	Father Name	Grade	School
TEHREEM SHIRAZ	SYED SHIRAZ ALAM	1	CANTT. PUBLIC HIGH SCHOOL & GIRLS COLLEGE (HYDERABAD)
MUHAMMAD AHMED KHAN	UZAIR AHMAD KHAN	2	ARMY PUBLIC SCHOOL (JUNIOR)
RAMISHA SAHAR	RAJA ISHAQ ASAD	3	FATIMA FERTILIZER SCHOOL
ZARLISH MOMINAH	TAYYAB SIDDIQUE	4	ARMY PUBLIC SCHOOL (DEFENCE COMPLEX ISLAMABAD)
DARSAMIN RAFIQUE	AZHAR RAFIQUE	5	NOVA CITY SCHOOL
AAFEEN KHALIL	KHALIL FAZIL	6	ISLAMABAD COLLEGE OF ARTS AND SCIENCES
HOORIA NOUMAN	NOUMAN ILYAS	7	KOSHAR CHILDREN'S ACADEMY
FATIMA RIZWAN	RIZWAN LIAQAT	8	LAHORE GRAMMAR SCHOOL
DUA ZAIN	M. ZAIN	9	HIRA FOUNDATION SCHOOL
WAJIHA SHAKEEL	SHAKEEL SIDDIQ	10	THE INTELLECT SCHOOL

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MUHAMMAD HAZIQ UMAR	UMAR SARWAR	1	LAHORE GRAMMAR SCHOOL
M ABDULLAH	IKHTIYAR AHMED	2	FAUJI FOUNDATION SCHOOL (JAND)
ALISHBA HAMEED	ABDUL HAMEED	3	ST. GREGORY'S HIGH SCHOOL
SHAHMEER	AMEER HUSSAIN	4	LAHORE GRAMMAR SCHOOL (VALENCIA TOWN)
ESHAAL ALEEM	ALEEM AHMED KHAN	5	THE CITY SCHOOL (GULSHAN JUNIOR CAMPUS)
MUHAMMAD YAHYA	IFTIKHAR MANZOOR	6	INTERNATIONAL ISLAMIC UNIVERSITY ISLAMABAD SCHOOL
SYEDA SABA ZAWAR	SYED ZAWAR	7	THE CITY SCHOOL (JHELUM CAMPUS)
EMAN AMNA	AFTAB	8	HAYAT SCHOOL & COLLEGE
ALIZHA NOOR ARSHAD	MRS. FOZIA ARSHAD	9	THE INTERNATIONAL SCHOOL OF CHOUEIFAT
MANAAM RAZA	RAZA UL MOHSIN	10	LAHORE GRAMMAR SCHOOL (1A1 SENIOR)

Congratulations

Compete
if you are the best