INTERNATIONAL
CATS CONTESTS
COMPETENCE & APTITUDE TESTING SERVICES
FASTEST GROWING CONTESTS IN PAKISTAN

QUESTION BOOKLET

ICATS
IT CONTEST
2019

GRADE 5 & 6
(JUNIORS)
Time Allowed: 90 Mins
Maximum Marks: 90

ICATS IT CONTEST 2019
JUNIORS (GRADE 5 & 6)

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.
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. In the 1980's manufacturing of semiconductor chips was done, The Intel and Motorola Corporations were very competitive into the 1980s, although Japanese firms were making strong economic advances, especially in the area of memory chips. By the late 1980s, some personal computers were run by microprocessors handling _____ of data at a time.

A | 8 bits   **B** | 16 bits   **C** | 32 bits   **D** | 64 bits

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Q2. All the human beings in this world communicate with each other by a language. Similarly, computer also needs some language to communicate with others. A computer follows the instructions given by the programmer to perform a specific job. To perform a particular task, programmer prepares a sequence of instructions, known as program. A program written for a computer is known as Software. When the human being stared programming the computer, the instructions were given to it in a language that it could easily understand. In that language, the instructions were given to the computer in the form of 1s and 0s. What was that language called?

A | High Level Language   **C** | Assembly Language

B | Machine Language   **D** | Query Language

Q3. I am used to enter information directly into the computer memory. I work like a Xerox machine. I convert any type of printed or written information including photographs into digital pulses, which can be used / processed by the computer. Do you know me? Who am I?

A | Mouse   **B** | Keyboard   **C** | Light Pen   **D** | Scanner

Q4. A memory is just like a human brain. It is used to store data and instructions. Computer memory is the storage space in computer where data is to be processed and instructions required for processing are stored. Memory is primarily of three types

- Cache Memory
- Primary Memory or Main Memory
- Secondary Memory

I am a very high speed semiconductor memory, faster than all other memories, which can speed up CPU. I am used to hold those parts of data and program which are most frequently used by CPU. The parts of data and programs are transferred from disk to me by operating system from where CPU can access them. Who am I?
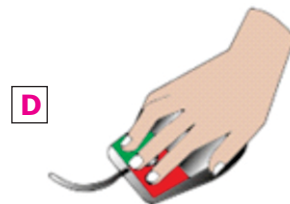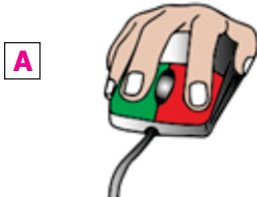
A | Cache Memory

B | Primary Memory or Main Memory

C | Secondary Memory

D | None of the above
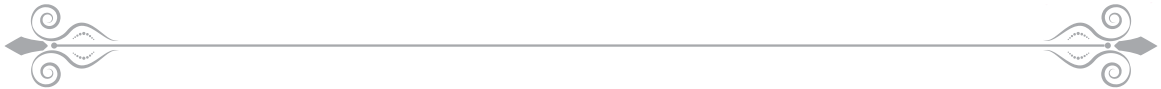
Q5. Which of the following is the correct way to hold the mouse?

A

C

B

D

Q6. See my picture below. Do you know me? Who am I?

| **A** Speaker | **B** Monitor | **C** System Unit | **D** Network Hub |

Q7. I type the following in MSWORD document:

dogcatboyman

1. I put the cursor after letter "g" and then I press ENTER BUTTON once
2. I put the cursor after letter "t" and then I press ENTER BUTTON once
3. I put the cursor after letter "y" and then I press ENTER BUTTON once

What and how will be written there?

| **A** dog cat boy man | **B** dog cat
boy man | **C** man
boy
cat
dog | **D** dog
cat
boy
man |

Q8. You opened MS Word document in your computer. You press Caps Lock Key and type the following words:

mouse, keyboard and monitor

What and how will it be written in your document?

A Mouse, keyboard and monitor

B MOUSE, KEYBOARD AND MONITOR

C Mouse, Keyboard And Monitor

D mouse, keyboard and monitor

Q9. You opened MSWORD document in your computer. You typed the following sentence:
My brother has 4 small doge|is.
You notice that the spelling of dogs has been incorrectly typed. If your cursor is between letter e and i, which keys will you press to correct the spellings?

A delete key once

B backspace key once

C backspace key once and delete key once

D All of the above

Q10. You can press me to fast forward your video in multimedia player of your computer. Can you guess which of the following am I?
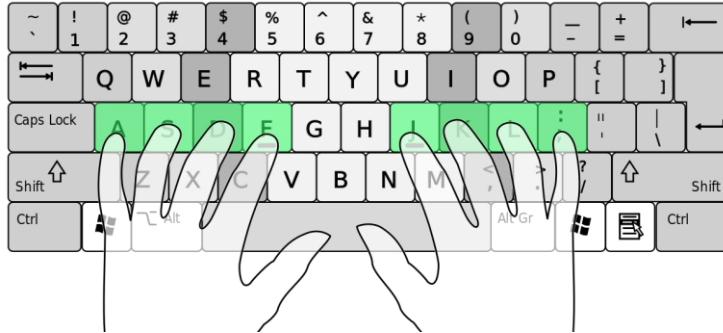
A

B

C

D

Q11. The home row of the keyboard is the most important to the typist. The row of keys A, S, D, F, J, K, L, ; on the keyboard is called the home row. The fingers are positioned, lightly, on the A, S,D,F keys for the left hand, and the J, K, L, ; keys for the right hand.

·The left index finger will control the F key, the right index finger will control the J key.
·The left middle finger will control the D key, the right middle finger will control the K key.
·The left ring finger will control the S key, the right ring finger will control the L key.
·The left little finger will control the A key, the right little finger will control the ; key.
·The spacebar is controlled by the right or the left thumb.

Which finger will be used to control the T key?

A | Right index finger

B | Left index finger

C | Right middle finger

D | Left middle finger

Q12. In MSWORD document, which of the following contains the commands you use most often, such as Save, Undo, and repeat?

A | Quick Access Screen

B | Quick toolbar

C | Quick Access Toolbar

D | Quick command

Q13. In MSWORD document, the headings that appear on the Ribbon, such as File, Home, and Insert, are called:

A | groups

B | tabs

C | shortcuts

D | menus

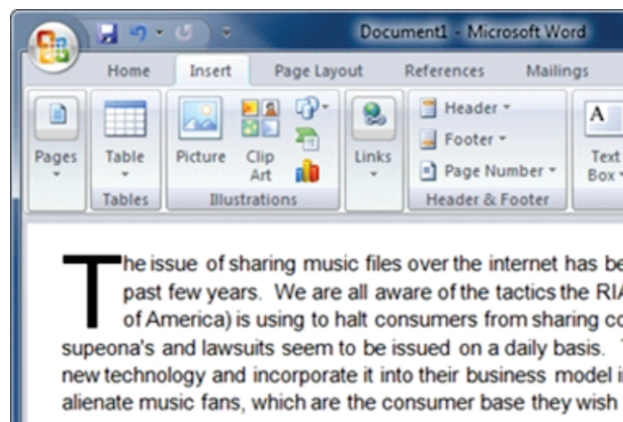**Q14.** In MSWORD document, which of the following options would you use when saving a document with a new filename?

A | Save

B | Save As

C | Ctrl+S

D | Either a or b

Q15. You can see the first letter "T" of the following paragraph typed in the MSWORD document. Which option was used to make the "T" look like this big and occupy three lines?


A | WordArt

B | Text Box

C | Drop Cap

D | Clip Art

**Read the following passage and answer questions 16 through 20**

Text or word processing generally refers the use of computers to manipulate text. Examples of word processing functions include entering, editing, printing, etc. Using formatting tools we can change the look and feel of the text typed. We can change the font style / size, make the text bold / italic, underline, etc. Apart from these functions we can also highlight the text and change the background colour. The following figure shows some of the tools available to format the text:
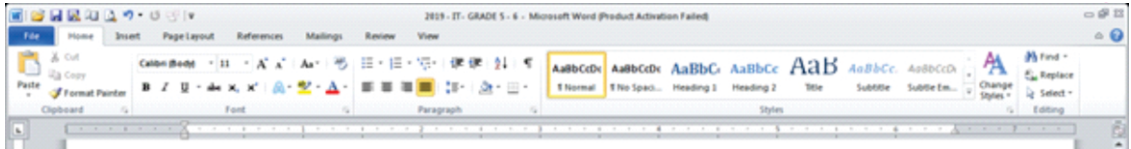
Q16. You can press me to <u>justify</u> your text alignment. Can you guess which of the following am I?
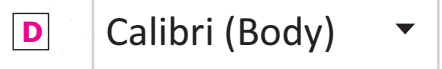
A

C

B
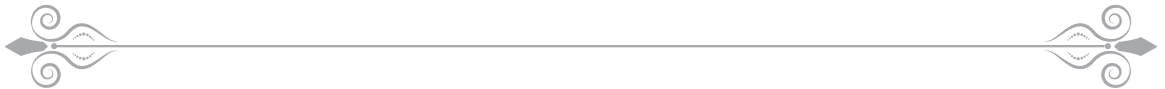
D All of these

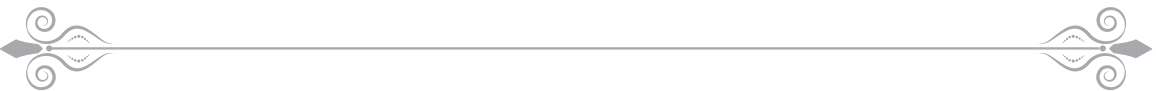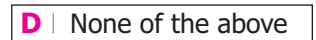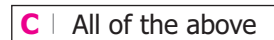**Q17.** You can press me to highlight your text. Can you guess which of the following am I?

A

C

B

D All of these

Q18. You can use me to change the font style of your text. Can you guess which of the following am I?

A

C **11** ▼

B

D Calibri (Body) ▼

Q19. I am used to make a bulleted list in your document. Can you guess which of the following am I?

A

C │ All of the above

B

D │ None of the above
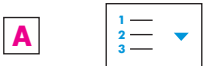
Q20. I am used to insert a text box into your document. Can you guess which of the following am I?

A

C

B

D

Q21. Raju is preparing a document. He wants to include a table in the document. Can you tell him which option he should select first?

A | File   **B** | Insert   **C** | Table   **D** | Format

Q22. In MSWORD document, on the Home tab, in the Paragraph group, there is Line and Paragraph Spacing button to display the Line Spacing menu and options to add and remove spacing before and after paragraphs (see image given below). What are the following options used for?

> ✓ 1.0
>   1.15
>   1.5
>   2.0
>   2.5
>   3.0

A | Adding space before paragraph   **C** | Changing line spacing

B | Adding space after paragraph   **D** | All of the above

**Q23.** Which of the following refers to how text is positioned between the top and bottom margins of the page?

A | Horizontal alignment   **C** | Justification

B | Vertical alignment   **D** | Line spacing

Q24. The Layout tab contains groups of commands that control the layout of an entire document or sections of a document. Commands in the Page Setup group (see image below) enable you to set margins, change the document's page orientation, and adjust the paper size. Columns enable you to split a document into two or more columns.

The Layout Tab
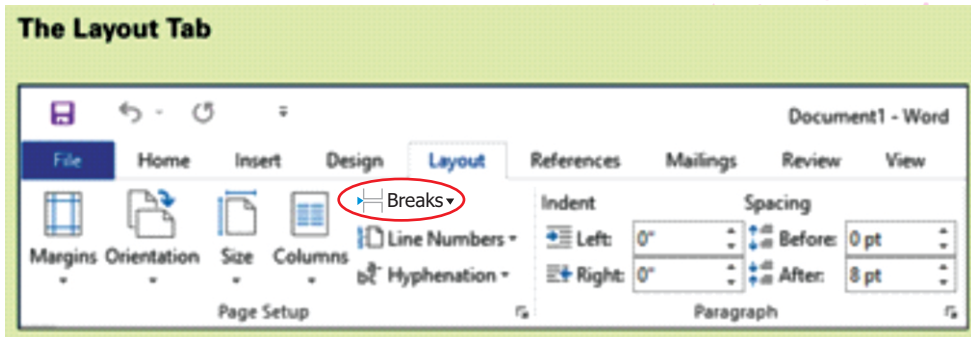
What is the button in red circle used for?

A	To insert Page break	C	To insert Table break
B	To insert Section break	D	Both, A and B

Q25. In MSEXCEL, the options "Portrait" and "Landscape" (as shown in the image below) are called_____.
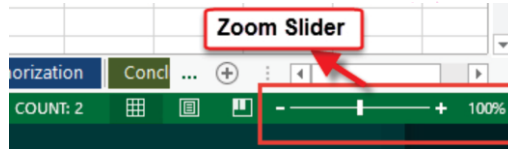
Portrait   Landscape

| A | Page orientation | B | Page direction | C | Page size | D | All of the above |

Q26. In MSEXCEL, Zoom slider is located at the right end of the status bar (see image below). Each time you click the Zoom in / out button, it decreases the size of the displayed portion of your spreadsheet by _____ %.

A | 5%   **B** | 10%   **C** | 20%   **D** | 25%

Q27. In MSEXCEL, what the options shown in the below image are called?
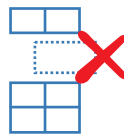

A | Copy options   **B** | Paste options   **C** | Formatting options   **D** | All of the above

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Q28. In MSEXCEL, what is / are the button shown in the below image is used for?

Delete

A | To delete cell

B | To delete sheet rows and columns

C | To delete the sheet
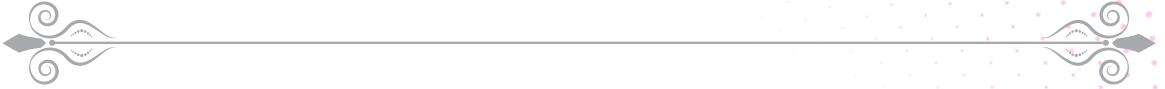
D | All of the above

Q29. I am a famous and commonly used web browser. Which of the following am I?

A | MSN

B | Yahoo

C | Mozilla

D | Internet Explorer

Q30. I am a language used to create web pages. Which of the following am I?

A | DOS

B | FoxPro

C | Java

D | HTML

ICATS English Linguistics Contest 2019
National Toppers

Student Name	Father Name	Grade	School	City
AMATULLAH	ADNAN	1	MSB EDUCATIONAL INSTITUTE	KARACHI
MUHAMMAD MOHSIN	WAHEED SHEHZAD	1	RANGERS PUBLIC SCHOOL FOR BOYS	LAHORE
ZAIN-UL-ABIDIN	INAM-ULLAH	2	ARMY PUBLIC SCHOOL GARRISON JUNIOR	LAHORE
MUHAMMAD ASIS JAVED	MUHAMMAD SHAHEER JAVED	3	THE CITY SCHOOL CHASHMA BRANCH	MIANWALI
AYESHA SIDDIQUI	M. ASHRAF UL KABIR SIDDIQUI	4	THE CITY SCHOOL GULSHAN JUNIOR CAMPUS	KARACHI
AYESHA FAISAL	FAISAL EHSAN	5	LAHORE GRAMMAR SCHOOL LANDMARK PROJECT	LAHORE
ASAD IMRAN	M. IMRAN	6	THE CITY SCHOOL CANTT CAMPUS II	QUETTA
MANAAL TARIQ	DR. TARIQ MEHMOOD	7	THE CITY SCHOOL GIRLS CAMPUS	SIALKOT
FIZZA RIZVI	ALI ABBAS RIZVI	8	HABIB GIRLS SCHOOL	KARACHI
LAMISAH BEHRAM KHAN	BEHRAM BASHIR KHAN	9	LAHORE GRAMMAR SCHOOL	ISLAMABAD
FAIZ UL HASSAN GILANI	GHULAM UL HUSSAIN GILANI	10	THE CITY SCHOOL TOWN SENIOR SECTION	PESHAWAR

ICATS Mathematics Contest 2019
National Toppers

Student Name	Father Name	Grade	School	City
HIBA MALIK	BILAL MALIK	1	KOHSAR CHILDREN'S ACADEMY	MANSEHRA
DURYAB ZAHRA	MUHAMMAD RASHID	1	BEACONHOUSE HAFIZABAD	HAFIZABAD
ABDUL RASHEED	ABDUL WAHEED	2	ARMY PUBLIC SHOOL & COLLEGE SYSTEM SADDAR CAMPUS	KARACHI
BURHANUDDIN	M. ALI ASGHER SAMIWALA	2	MSB EDUCATIONAL INSTITUTE	KARACHI
M. HUMMAS	M. SHAKIL	3	DEFENCE HOUSING AUTHORITY COLLEGE AND SCHOOL SYSTEM	KARACHI
EHAN QURESHI	ASSADULLAH QURESHI	4	FFC GRAMMAR SCHOOL AND COLLEGE	MIRPUR MATHELO
MAHAD ABID	M. HARIS UMER	5	THE CITY SCHOOL CHENAB CAMPUS	FAISALABAD
UROOJ AJMAL	AJMAL IBRAHIM	6	KIPS SCHOOL	LAHORE
MUHAMMAD SALAMAT	SADAT MEHMOOD	7	GARRISON ACADEMY TUFAIL SHAHEED CAMPUS (SENIOR)	LAHORE
ABDULLAH JUNAID KHAN	ABDUL RAUF	8	THE SCIENCE SCHOOL	ISLAMABAD
SAAD ALI HASSAN	ABDUL HAYEE	8	THE SCIENCE SCHOOL	RAWALPINDI
DANIYAL KALEEM SHEIKH	MUHAMMAD KALEEM	9	ROOTS IVY INTERNATIONAL SCHOOL IB CAMPUS	RAWALPINDI
AHMED ALI	AUN ALI	10	MSB EDUCATIONAL INSTITUTE	KARACHI

COMPETE *if you are* the BEST

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