Compete *if you are* **the best**

Past Papers
ICATS IT CONTEST
Grade 3-4
2017-2019

ICATS
International CATS Contests

An Assessment Center

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

ICATS IT CONTEST 2017
KIDS (GRADE 3 & 4)
TIME ALLOWED : 75 MINUTES
MAXIMUM MARKS : 75
TOTAL QUESTIONS : 25 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. WRITE YOUR NAME, FATHER NAME, SCHOOL NAME, ADDRESS ETC AT THE BUBBLE SHEET (ANSWER SHEET) ONLY.
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.
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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.
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14. FOR INFORMATION ABOUT UPCOMING CONTESTS OR PROVIDING VALUABLE FEEDBACK, PLEASE VISIT WWW.CATSCONTESTS.ORG
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Q1. The main functions of an operating system are process management, _____, secondary storage management and device management.

A Information Management

B Data Management

C Software Management

D Memory Management

Q2. The storage device, in which user cannot write or erase anything.

A

B

C

D Question does not provide sufficient data or is vague

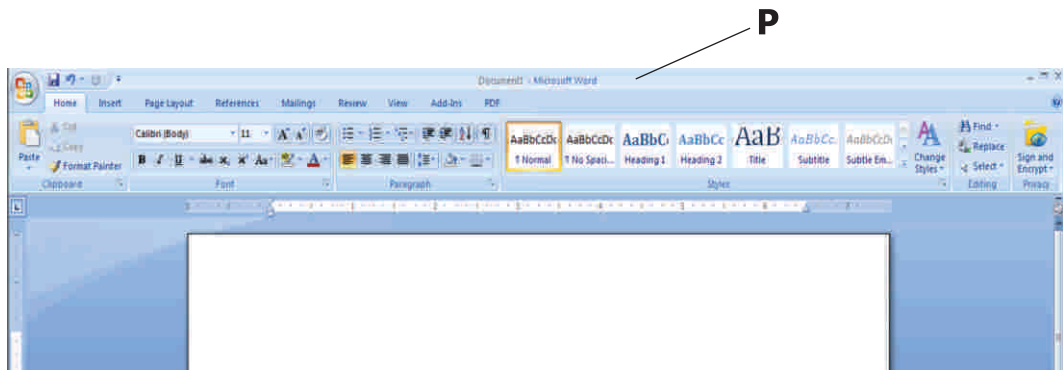**Q3.** Portrait and Landscape are

A Page Orientation

B Paper Size

C Page Layout

D All of above

Q4. In the given picture, P represents _____.

P

| A | Title Bar | B | Status Bar | C | Menu Bar | D | Tool Bar |

Q5. Which one of the following statements is correct?

| A | 1 Byte = 8 Bits = 2 Nibbles | B | 1 MB = 1024 KB = 1048576 Bytes |
| C | All of these | D | None of these |

Q6. Which of the following is true?

A [Shift] + [: ;] = 0   B [Shift] + [& 7] = 7

C [Shift] + [% 5] = 5   D [Shift] + [% 5] = %

Q7. Which of the following button will be clicked to go to pages that are already visited on a browser?

A ➡️　　　B ✖️　　　C ⬅️　　　D 🔄

Q8. What is the name of the component circled in red?
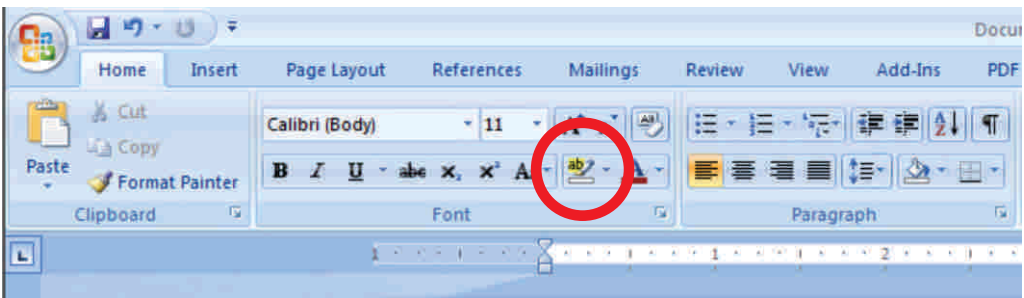
A Font Face　　　B Change Case　　　C Font Color　　　D Text Highlight Color

Q9. Which of the following is not a special key?

A **A**　　　B **Esc**

C **Backspace**　　　D **Enter**

Q10. Study the image of a Word screen below this question. Which of the following statements is NOT true about the document pictured?

ICATS is a not for profit organization committed to proactively exert to advance quality and equity in education for all people throughout world. Having firm believe on the power of learning, we strive to provide innovative and meaningful educational and sports assessment solutions that improve teaching & learning, expand educational and sporting opportunities, and hunt requisite talent to employ for the accomplishment of organizational overall goals.

ICATS is an expert group of teachers, researchers, community members and assessment solution developers in the fields of education and sports who believe that living standards of people can be improved through learning and creating a global competitive environment. We are dedicated to help students (future leaders) judge 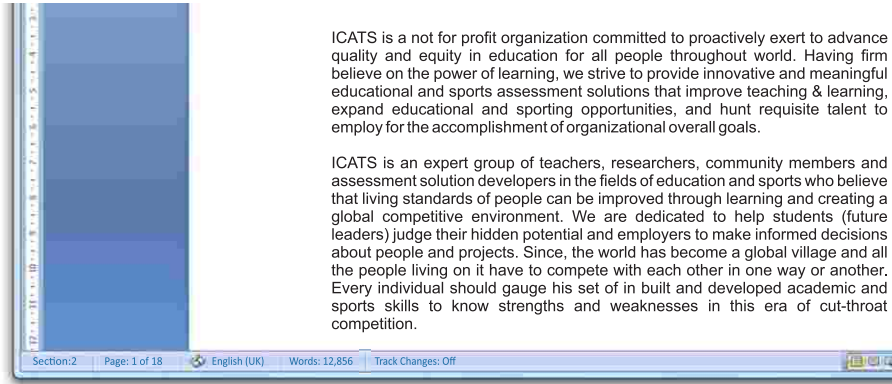their hidden potential and employers to make informed decisions about people and projects. Since, the world has become a global village and all the people living on it have to compete with each other in one way or another. Every individual should gauge his set of in built and developed academic and sports skills to know strengths and weaknesses in this era of cut-throat competition.

Section:2 | Page: 1 of 18 | English (UK) | Words: 12,856 | Track Changes: Off

A The document contains 12,856 words.

B The cursor is currently positioned on page 2 of the document.

C There are 18 pages in the document in total.

D All of the above are correct.

Q11. Which shortcut will clear the image made in MS-Paint?

A Ctrl + R   **B** Ctrl + Shift + N   **C** Ctrl + W   **D** Ctrl + I

Q12. The ability to combine name and addresses in MSEXCEL with a standard document in MSWORD is called _____

A document formatting   **B** database management   **C** mail merge   **D** form letters

Q13. What is gutter margin?

A Margin that is added to the left margin when printing
B Margin that is added to right margin when printing
C Margin that is added to the binding side of page when printing
D Margin that is added to the outside of the page when printing

Q14. In MS-word, which symbol is used to create a bulleted list?

A   B   C   D

Q15. In MS-word, which symbol is used to provide text effects on selected part of document?

A   B   C   D

Q16. Which feature helps you to insert the contents of the Clipboard as text without any formatting

A Paste Special   B Format Painter   C Page Setup   D Styles

Q17. Who is the creator of the PASCAL language?

A Niklaus Wirth **B** Dijkstra **C** Donald Knuth **D** Basic Pascal

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Q18. To select adjacent files or folders, hold down the .... key and Click the desired items.

A Ctrl **B** Alt **C** Shift **D** Enter
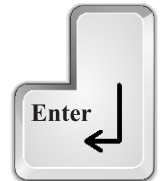
Q19. The shortcut key to check spelling and grammar errors in a selected text is

A F2 **B** F6 **C** F7 **D** F9

Q20. Tuan found a small drawing in a magazine that he wanted to use as a full-size cover for a report. Using the computer, how might he do this?

A Scan the picture, resize, print **B** Print the report and glue the picture

A Save the report and load the picture **B** Load the report, add clip art, print

Q21. Why is a web site an effective way to present a report on an animal that you are studying?

A People like to read reports on computers.

B People can follow links to additional information, pictures, or animal sounds.

C People do not have to read the report; they can just look at the pictures and listen to the sounds.

D People can read a long report on one page by scrolling down so they do not have to go to another web page.

Q22. What are the 3 most important parts of a MICROPROCESSOR?

A Microchip, Heat Sink, Fan

B Fan, Power Port, Battery

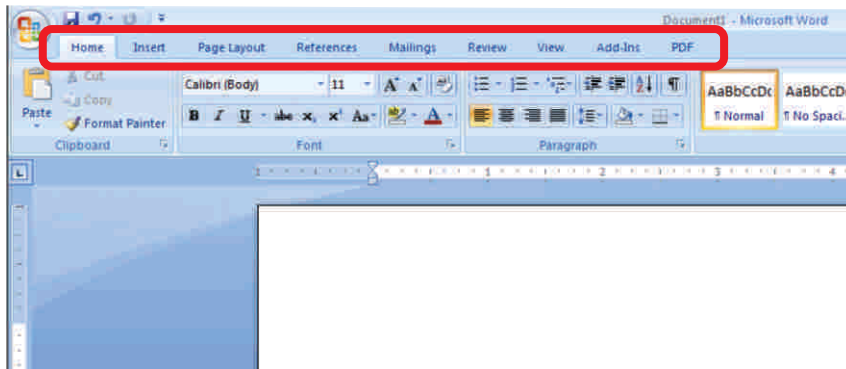**C** Heat Sink, Kitchen Sink, Ice Cream

D Heat Sink, Fan, ICU

Q23.

In the above window, the web address is indicated by number-

A 1　　　　　　　**B** 2　　　　　　　**C** 3　　　　　　　**D** 4

Q24. What is the correct name for the words/labels circled in red in the image below?

A The Ribbon Names.		**B** The Quick Access Toolbar.	
C The Ribbon Tabs.		**D** None of the above options are correct.	

Q25. The horizontal and vertical margins have disappeared on your document. Which of the following is a possible solution?
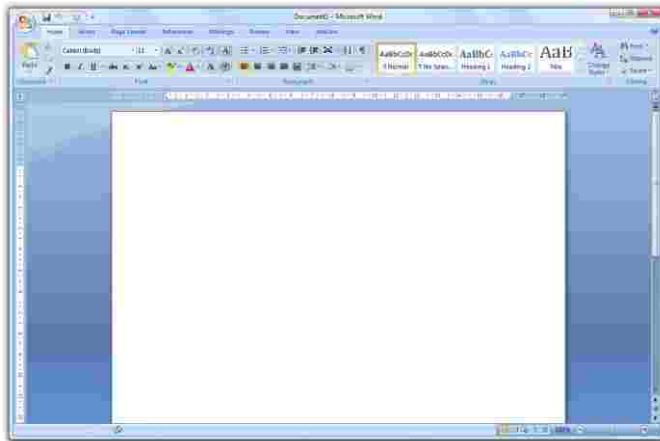
A Close the Word document and reopen it again.

B Click on the View Ruler button located at the top of the vertical scroll bar on the right-hand side of the screen.

C Double click in the ruler area to re-display the ruler.

D Click on the View Ruler button located at the top left hand side of the screen that looks like an L

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Answer Sheet

ICATS IT Contest 2017
Grade 3-4

Choose only ONE of the FOUR proposed answers (A, B, C or D) and fill in the circle with your answer.
Example of correctly filled table of answers.

(A) (B) ⬤C (D)   Correct Filling Answer **"C"**   (A) (B) ⊗ (D) wrong filling   (A) (B) ⬤C (D) wrong filling

(A) (B) ⊘ (D) wrong filling   (A) (B) ⬤C (D) wrong filling

Q. No.	Answer	Q. No.	Answer	Q. No.	Answer
1	A B C ⬤	11	A ⬤ C D	21	A ⬤ C D
2	A B C ⬤	12	A B ⬤ D	22	⬤ B C D
3	⬤ B C D	13	A B ⬤ D	23	⬤ B C D
4	⬤ B C D	14	A B ⬤ D	24	A B ⬤ D
5	A B ⬤ D	15	A ⬤ C D	25	A ⬤ C D
6	A B C ⬤	16	⬤ B C D	26	A B C D
7	A B ⬤ D	17	⬤ B C D	27	A B C D
8	A B C ⬤	18	A B ⬤ D	28	A B C D
9	⬤ B C D	19	A B ⬤ D	29	A B C D
10	A ⬤ C D	20	⬤ B C D	30	A B C D

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GRADE 3 & 4
KIDS

Time Allowed: 75 Mins.
Maximum Marks: 75

ICATS IT
CONTEST 2018
QUESTION BOOKLET

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Look at the picture below and answer questions 1 and 2.

Q1. The input devices in the above picture are

A Mouse, Keyboard, Monitor, Scanner, Printer and Speakers

B Mouse, Keyboard, Monitor, Scanner, Printer and DVD ROM

C Mouse, Keyboard, Scanner, Floppy Drive and DVD ROM

D Mouse, Keyboard, Speakers, Printer and DVD ROM

Q2. The output devices in the above picture are

A Monitor, Scanner and Mouse

B Monitor, Printer and DVD ROM

C Monitor, Printer and Speakers

D Monitor, and Keyboard

Q3. What does this produce for the computer?

A Output hard copies

B Inputs information

C Outputs pictures and creates digital images

D None of the above

Q4. The properties of an Image file are shown below

Preview/Properties

Name: **Tourist**
Type: **jpeg**
Dimensions: **173 (w) x 264 (h) pixels**
Size: **18 KB**
Created: **25/4/2006 8:40 AM**
Orientation: **Portrait**

Which of the following properties indicates the disk space needed to store the file?

A Name   **B** Type   **C** Dimensions   **D** Size

Q5. Which one of the following folders is active?
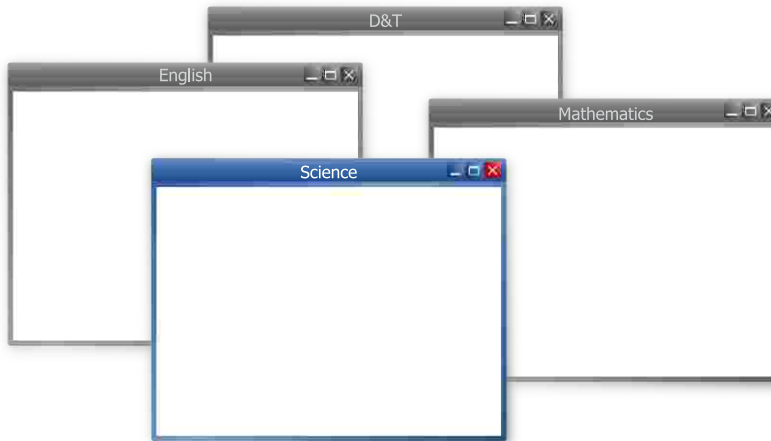
A D&T	**B** English	**C** Mathematics	**D** Science

Q6. The name of the Papers folder has been highlighted.

What would happen if the word 'Art' was now typed?
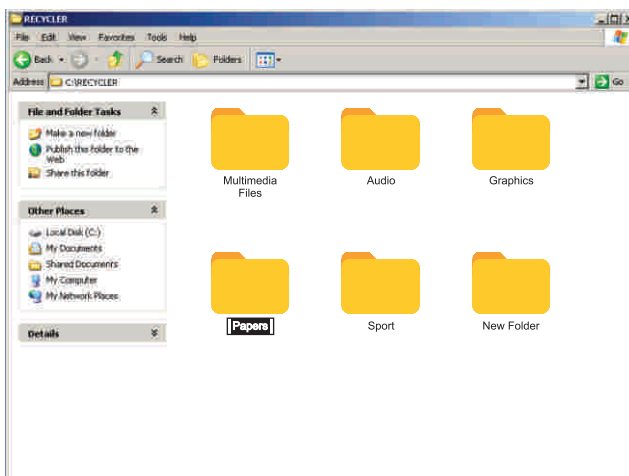
A The folder would be deleted.

B The word 'Art' would replace the word 'Papers'.

C The folder label would be changed to the 'Papers Art'.

D The word 'Art' would be placed before the letter 'P'.

See the image below and answer questions 7 and 8.

File Edit View Tools Window Help

New...
Open...
Close

Save
Save As...

Page Setup...
Print Preview
Print...

1 Cover letter Buckley
2 04 budget fctable...
3 ths\Matheman Rep
4 T's Response LS Dra...

Exit
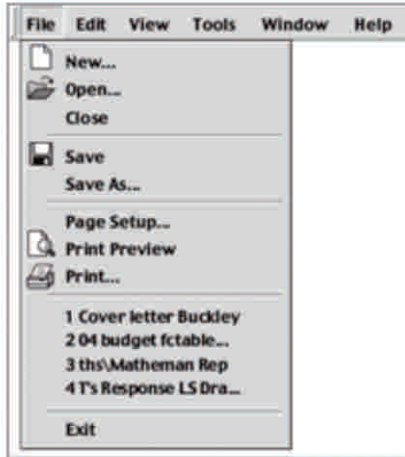
Q7. You have to compose a poem for your English class. Which menu command should be selected to create your poem on the computer?

A New...

B Open...

C Save...

D Print...

Q8. Which command should be selected to edit an existing story that is stored on the hard drive?

A New...

B Open...

C Save...

D Print...

Q9. **What is the function of this tool in MS-Paint?**

A Applies color to an image like spray paint or air brush.

B Allows you to choose different colors to use with tools.

C Picks up a color from one area of an image to use with a drawing tool.

D Enables you to draw a text box to add typed words to an image.

Q10. **What is the function of the red circled tool in MS-Paint in below image?**
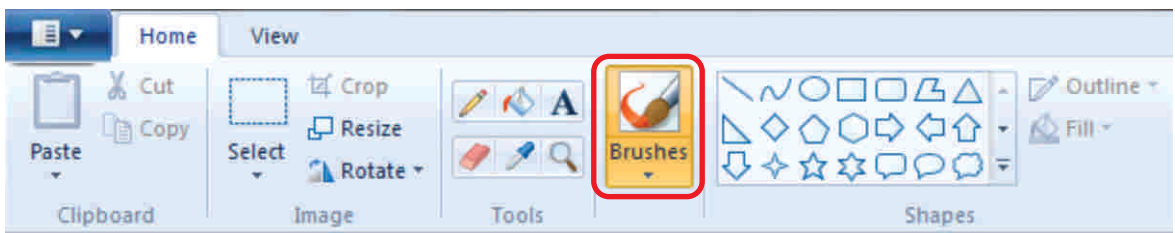
A Draws a free form line. Can draw with different widths.

B Draws a rectangle in an image.

C Draws a thin free form line. Used to draw objects just as you would with a pencil.

D Allows you to choose different colors to use with tools.

Ahmad wants to write an essay on "My best teacher" using his personal computer. Help him through all the steps from starting the computer to shutting it down and answer questions 11 to 25.

Q11. Step 1 for starting the computer is

A Switch on the main power supply button

B Switch off the main power supply button

C Switch on the CPU

D Click on the windows icon

Q12. The below screen that appeared on the monitor of Ahmad's Computer after turning it on is called

A Desktop   **B** Computer   **C** UPS   **D** CPU

Q13. The screen that appeared on the monitor of Ahmad's Computer after turning it on is

A Software   **B** Hardware   **C** Input   **D** Picture

Q14. The windows icon was present at _____side of the screen that appeared on the monitor after turning it on.

A Right **B** Left **C** Top **D** Top left

Q15. What is the main purpose of the screen with icons that appeared on the monitor after turning it on?

A To switch between open application. **B** To display icons.

C To start the computer. **D** To shut down the computer.

Q16. Ahmad wanted to open the following application but he did not find its icon on the desktop. How will he open Microsoft Word?

A He will Right click to reveal all icons.

B He will restart the computer.

C It is not possible to open program if no icons are on the desktop.

D He will click the start button and select program from the menu.

Q17. After opening Microsoft Word, he started typing the essay on "My best teacher". What keys will he use to move the cursor around his text?

A Enter **B** Arrow keys

C Ctrl + shift **D** Shift + Ctrl + Delete

Q18. Ahmad wanted to see the number of words he typed. Study the image below and help him to know where the Status Bar is located?
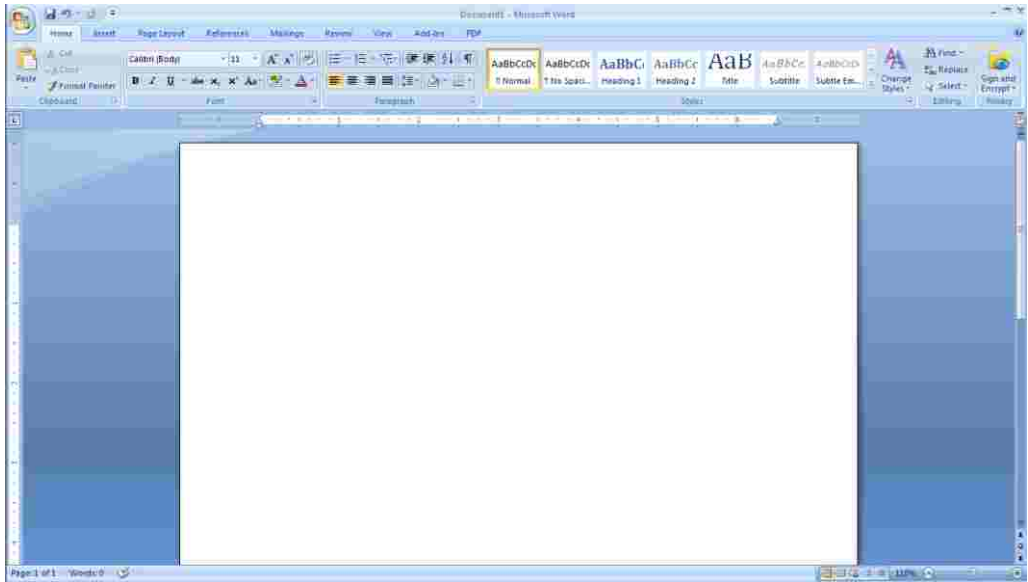
A At the top of the screen denoting the document name (Document1 – Microsoft Word).

B The bar located at the bottom of the screen that allows you to move the view to the right or left.

C The groups of icons located at the top of the screen which is also known as the Ribbon.

D The bar at the bottom of the screen that gives information such as Section, Page, Words, etc.

Q19. In a computer there is a cycle which controls the function of a computer. They are input, processing and output. Ahmad enters the data in the computer. What will you call the entering of data in a computer?

A Input data   **B** Output data   **C** Processing   **D** None of these

Q20. Study the screenshot below and tell Ahmad that what the vertical line at the end of the red circled word indicates:
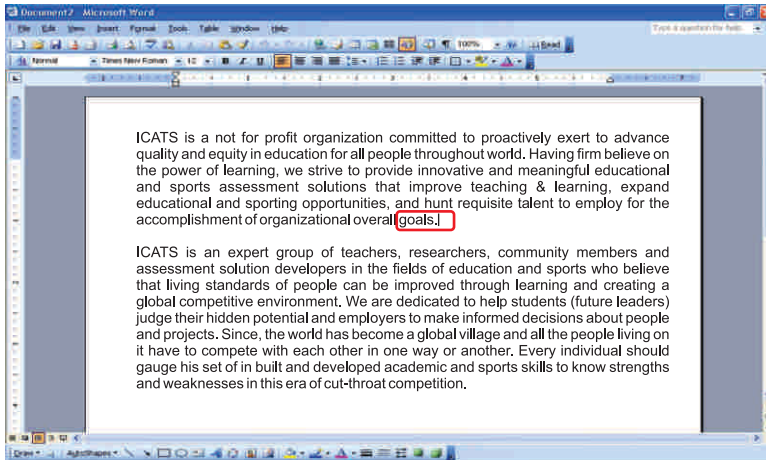
A The paragraph is selected.

B Your position in the document, this is where the next character you type will go.

C You are at the end of the paragraph and cannot move the further to right.

D None of the above options are true.

Q21. Study the screenshot below and tell Ahmad that what the vertical line at the end of the red circled word is called?
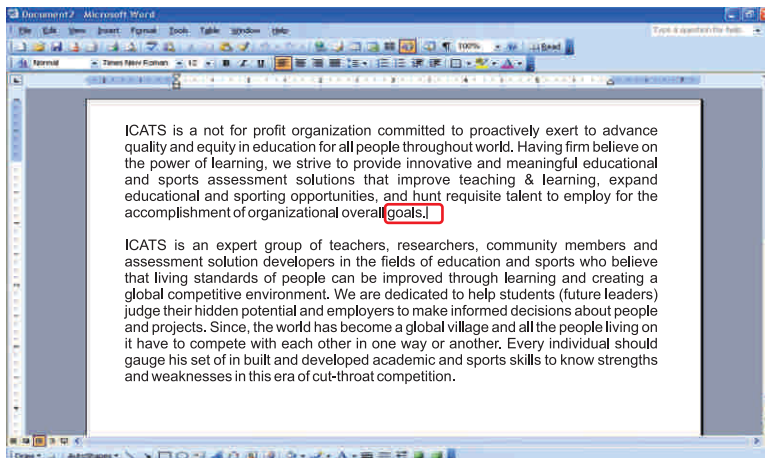
A Cursor   **B** Shift key   **C** Monitor   **D** Scroll bar

Q22. What will happen if Ahmad double clicks on a word in a paragraph in Microsoft Word?

A Nothing will happen.

B The line the word is positioned in will be selected.

C The character that is double clicked will be selected.

D The word he double clicked will be selected.

Q23. If the computer is asleep, what should Ahmad do to wake it up?

A yell at it

B wiggle the mouse or tap a key on the keyboard

C tap a key on the keyboard

D turn the monitor on

Q24. He completed typing his essay and wanted to shut down his computer. He must wait for the screen to turn _____ before shutting down the computer.

A Blank   **B** White   **C** Blue   **D** Yellow

Q25. Ahmad wants to shut down the computer as his work is over. What should be the Step 1 of shutting down a computer?

A Switch off the main power supply button   **B** Click on windows icon

C Switch on CPU   **D** Switch off the ups

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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 MUNEER	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

www.catscontests.org

INSTRUCTIONS

- This is a generic answer sheet to be used by participants of all grades. Students of Grade 1-2 will fill in circles of first 20 questions, Grade 3-4 will fill in circles of 25 questions and Grade 5-10 will fill in circles of 30 questions.
- Please recheck your Name, Father Name, Grade and School written below, the same would appear at your certificate.
- Use of lead pencil is not allowed.
- Use only Black / Blue ink to fill in the circles.

ICATS IT Contest 2018
Grade 3-4

Choose only ONE of the FOUR proposed answers (A, B, C or D) and fill in the circle with your answer.
Example of correctly filled table of answers.

Ⓐ Ⓑ ● Ⓓ   Correct Filling Answer "C"   Ⓐ Ⓑ ⊗ Ⓓ   wrong filling   Ⓐ Ⓑ ⬤ Ⓓ   wrong filling

                                          Ⓐ Ⓑ ⊘ Ⓓ   wrong filling   Ⓐ Ⓑ ⬤ Ⓓ   wrong filling

Q	Answer				Q	Answer				Q	Answer			
1	Ⓐ	Ⓑ	●	Ⓓ	11	●	Ⓑ	Ⓒ	Ⓓ	21	●	Ⓑ	Ⓒ	Ⓓ
2	Ⓐ	Ⓑ	●	Ⓓ	12	●	Ⓑ	Ⓒ	Ⓓ	22	Ⓐ	Ⓑ	Ⓒ	●
3	●	Ⓑ	Ⓒ	Ⓓ	13	●	Ⓑ	Ⓒ	Ⓓ	23	Ⓐ	●	Ⓒ	Ⓓ
4	Ⓐ	Ⓑ	Ⓒ	●	14	Ⓐ	●	Ⓒ	Ⓓ	24	●	Ⓑ	Ⓒ	Ⓓ
5	Ⓐ	Ⓑ	Ⓒ	●	15	Ⓐ	●	Ⓒ	Ⓓ	25	Ⓐ	●	Ⓒ	Ⓓ
6	Ⓐ	●	Ⓒ	Ⓓ	16	Ⓐ	Ⓑ	Ⓒ	●	26	Ⓐ	Ⓑ	Ⓒ	Ⓓ
7	●	Ⓑ	Ⓒ	Ⓓ	17	Ⓐ	●	Ⓒ	Ⓓ	27	Ⓐ	Ⓑ	Ⓒ	Ⓓ
8	Ⓐ	●	Ⓒ	Ⓓ	18	Ⓐ	Ⓑ	Ⓒ	●	28	Ⓐ	Ⓑ	Ⓒ	Ⓓ
9	Ⓐ	●	Ⓒ	Ⓓ	19	●	Ⓑ	Ⓒ	Ⓓ	29	Ⓐ	Ⓑ	Ⓒ	Ⓓ
10	●	Ⓑ	Ⓒ	Ⓓ	20	Ⓐ	●	Ⓒ	Ⓓ	30	Ⓐ	Ⓑ	Ⓒ	Ⓓ

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QUESTION BOOKLET

ICATS
IT CONTEST

ICATS
IT CONTEST
2019

GRADE 3 & 4
(KIDS)
Time Allowed: 75 Mins
Maximum Marks: 75

ICATS IT CONTEST 2019
KIDS (GRADE 3 & 4)

TIME ALLOWED   : 75 MINUTES
MAXIMUM MARKS   : 75
TOTAL QUESTIONS   : 25 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

Read the following paragraph and answer the question given below.

GOOD POSTURE WHEN WORKING AT COMPUTER

Sit all the way back in the chair against the backrest. Keep your knees equal to, or lower, than your hips with your feet supported. Keep your elbows in a slightly away from your body, with your wrists in a straight position. Avoid overreaching. Keep the mouse and keyboard within close reach.

Q1. **Which picture of the following shows the good posture when working on the computer?**

A

C

B

D

Q2. **If you press me you can type capital letters continuously. Can you guess which of the following I am?**

A | Esc key

B | Number key

C | Shift key

D | Caps Lock key

Q3. See the below given image of a computer screen / desktop. You want to move a folder called "BABABLACKSHEEP" to a new location (TOP RIGHT CORNER). How would you do that?

A a. Select the folder by single left click
b. move the mouse over to the preferred location where you want to move your folder
c. hold the left button down
d. release the left button when the cursor reaches the top right corner of the screen.

B a. Select the folder by single left click
b. hold the left button down
c. move the mouse over to the preferred location where you want to move your folder
d. release the left button when the cursor reaches the top right corner of the screen.

C a. Select the folder by single left click
b. move the mouse over to the preferred location where you want to move your folder
c. hold the left button down
d. release the left button when the cursor reaches the top right corner of the screen.

D a. Select the folder by single left click
b. hold the left button down
c. release the left button when the cursor reaches the top right corner of the screen.
d. move the mouse over to the preferred location where you want to move your folder

Q4. You can press me and exit. Can you guess which of the following I am?

A Esc key   **B** Number key   **C** Shift key   **D** Caps Lock key

---
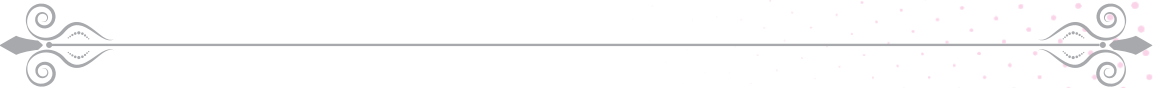
Q5. Which of these is not application software?

A Microsoft Windows   **C** Microsoft Excel

B Microsoft Word   **D** Microsoft Power point
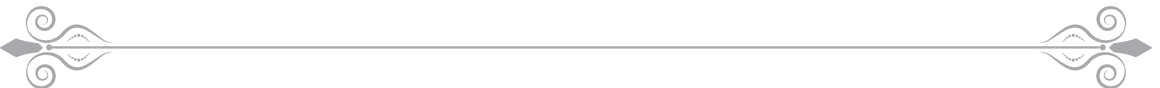

Q6. Which of these is not a function of system software?

A starting up the computer   **C** creating a spreadsheet

B controlling hardware devices   **D** Running computer's programs

---

Q7. Operating system is used in which generation of computer for the first time?

A First Generation   **C** Third Generation

B Second Generation   **D** Fourth Generation

Q8. Which of these is not a feature of a word processing program?

A writing letters

B making charts for budgets

C correcting errors

D checking spellings

Q9. Which of these can be stored in a database?

A names of people

B telephone numbers

C both A and B

D neither A nor B

Q10. Which of these is not a web browser?

A Microsoft Internet Explorer

B Mozilla Firefox

C Linux

D Google Chrome

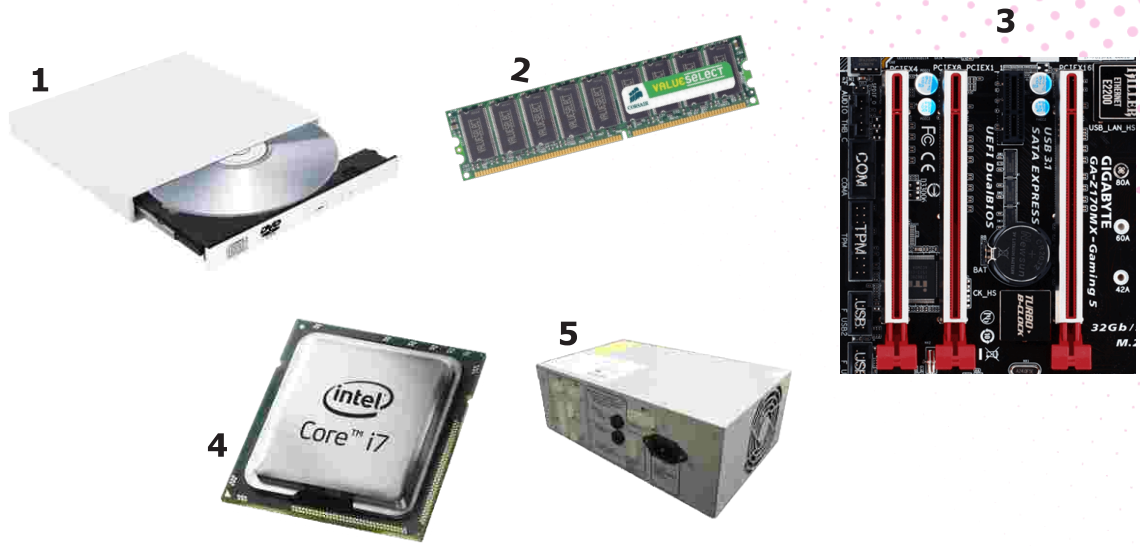**Q11.** Which of the following does NOT affect a computer's performance?

A The amount of memory or RAM.

B The speed of the CPU.

C The type and speed of the video or graphics card.

D The number of keys on the keyboard.

Q12. Ahmed has opened the mysterious computer case and looked inside. But he is confused. Help him to correctly label the inside parts.

1

2

3

5

4

A 1. CD-ROM or DVD-ROM drive
2. Random-access memory (RAM)
3. Expansion slots
4. Central Processing Unit (CPU)
5. Power supply

C 1. Random-access memory (RAM)
2. CD-ROM or DVD-ROM drive
3. Expansion slots
4. Central Processing Unit (CPU)
5. Power supply

B 1. CD-ROM or DVD-ROM drive
2. Random-access memory (RAM)
3. Central Processing Unit (CPU)
4. Expansion slots
5. Power supply

D 1. CD-ROM or DVD-ROM drive
2. Random-access memory (RAM)
3. Expansion slots
4. Power supply
5. Central Processing Unit (CPU)

Q13. Which of the following will you require to hear music on your computer?

A Video Card   **B** Sound Card   **C** Mouse   **D** Joy Stick

Q14. Ahmed is looking at the back of his computer, he is feeling a bit confused by all the slots and holes. Fortunately, manufacturers have added some fairly standard icons and color coding to help identify what should be plugged into the computer and where. Help Ahmed to correctly plug in the cables into the right slots and holes.
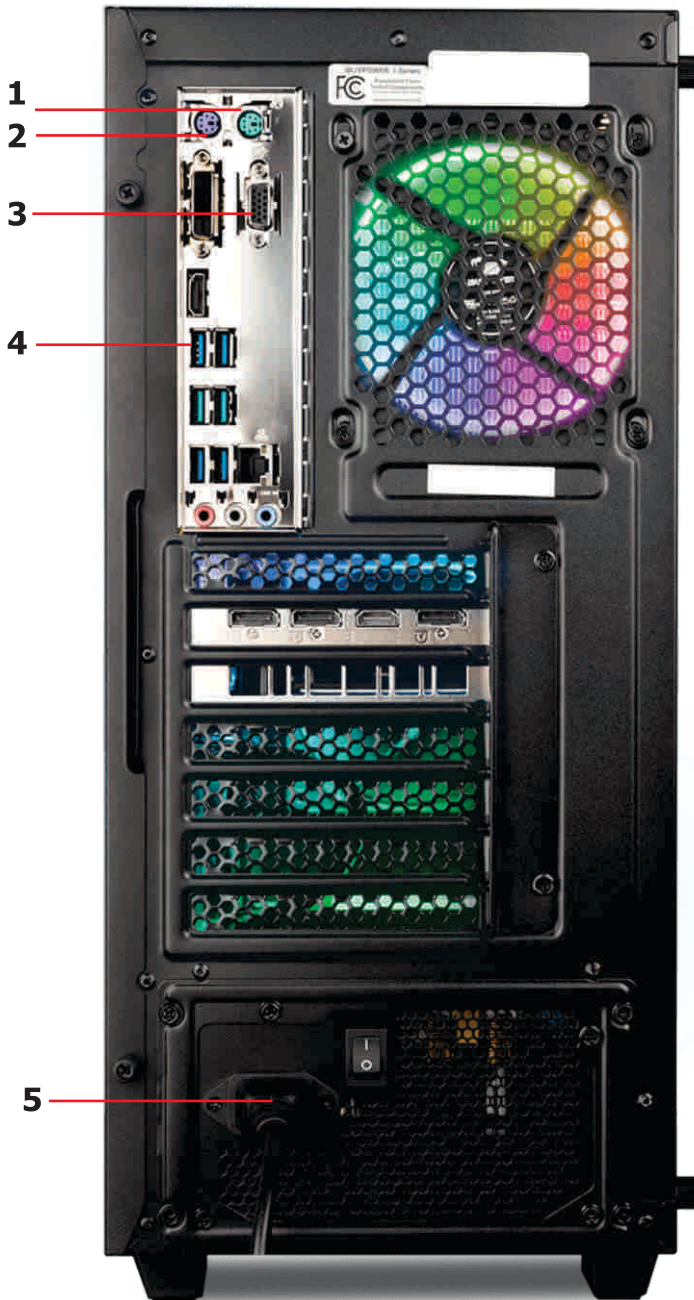
A
1. Keyboard port
2. Mouse port
3. Video (monitor)
4. USB ports
5. Power receptacle

B
1. Keyboard port
2. Mouse port
3. USB ports
4. Power receptacle
5. Video (monitor)

C
1. Mouse port
2. Keyboard port
3. Video (monitor)
4. USB ports
5. Power receptacle

D
1. Video (monitor)
2. Mouse port
3. USB ports
4. Keyboard port
5. Power receptacle

Q15. Which one of the following is the correct way to shut down a computer?

A 1. Click on the Start button on the taskbar.
2. Click on the Shutdown button.
3. Wait for the computer to shut down.
4. Switch off the monitor.
5. Switch off the system unit.
6. Switch off the main power supply.

B 1. Click on the Start button on the taskbar.
2. Click on the Shutdown button.
3. Wait for the computer to shut down.
4. Switch off the system unit.
5. Switch off the monitor.
6. Switch off the main power supply.

C 1. Click on the Start button on the taskbar.
2. Click on the Shutdown button.
3. Switch off the monitor.
4. Wait for the computer to shut down.
5. Switch off the system unit.
6. Switch off the main power supply.

D 1. Click on the Start button on the taskbar.
2. Click on the Shutdown button.
3. Switch off the monitor.
4. Switch off the system unit.
5. Wait for the computer to shut down.
6. Switch off the main power supply.

Q16. Physical components that make up your computer are known as:

A Hardware   **B** Software   **C** Operating Systems   **D** Web Browsers

Q17. Computers have two types of memory:

      1. Random-access memory (RAM).
      2. Read-only memory (ROM).

When someone at a computer superstore tells you how much memory a new computer has, they're really talking about which of the following.

A

C

B

D

Q18. Which of the following is not an input device?

A

C

B

D

Q19. Which of the following companies is famous for manufacturing computer processors?

A Sony   **B** Macromedia   **C** Intel   **D** Corel

Q20. Approximately how many bytes make one Megabyte?

A Ten Thousand   **B** One Hundred   **C** One Thousand   **D** One Million

---

Q21. You want to type letters in a computer and create a copy of those letters onto the sheet of paper. Which of the following parts of computer is/are needed?

A Keyboard   **B** Printer   **C** Speakers   **D** Both [A] and [B]

Q22. Charles Babbage designed two classes of engine. They are _____.

A Addition and Subtraction Engine   **C** Analytic and Digital Engine

B Analytic and Difference Engine   **D** Addition and Multiplication Engine

Q23. Match the following:

Column-I		Column-II	
A		1	Used to watch movies
B		2	Known as brain of a computer
C		3	Used to type letters into the computer

A ⎮ A-2, B-3, C-1

B ⎮ A-1, B-2, C-3

C ⎮ A-2, B-1, C-3

D ⎮ A-1, B-3, C-2

Q24. In MSWORD, what is the following button used for?

Aa ▾

A ⎮ lowercase

B ⎮ UPPERCASE

C ⎮ tOGGLE cASE

D ⎮ All of the above

Q25. In MSWORD, what is the following button used for?

A | Redo   **B** | Undo   **C** | Open the document   **D** | Close the document

Blank Page

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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INSTRUCTIONS

- This is a generic answer sheet to be used by participants of all grades. Students of Grade 1-2 will fill in circles of first 20 questions, Grade 3-4 will fill in circles of 25 questions and Grade 5-10 will fill in circles of 30 questions.
- Please recheck your Name, Father Name, Grade and School written below, the same would appear at your certificate.
- Use of lead pencil is not allowed.
- Use only Black / Blue ink to fill in the circles.

ICATS IT Contest 2019
Grade 3-4

Choose only ONE of the FOUR proposed answers (A, B, C or D) and fill in the circle with your answer.
Example of correctly filled table of answers.

Ⓐ Ⓑ ⬤ Ⓓ Correct Filling Answer "C"   Ⓐ Ⓑ ⊗ Ⓓ wrong filling   Ⓐ Ⓑ Ⓒ Ⓓ wrong filling

Ⓐ Ⓑ ⊘ Ⓓ wrong filling   Ⓐ Ⓑ ◐ Ⓓ wrong filling

Q. No.	Answer	Q. No.	Answer	Q. No.	Answer
1	⬤ Ⓑ Ⓒ Ⓓ	11	Ⓐ Ⓑ Ⓒ ⬤	21	Ⓐ Ⓑ Ⓒ ⬤
2	Ⓐ Ⓑ Ⓒ ⬤	12	⬤ Ⓑ Ⓒ Ⓓ	22	Ⓐ ⬤ Ⓒ Ⓓ
3	Ⓐ ⬤ Ⓒ Ⓓ	13	Ⓐ ⬤ Ⓒ Ⓓ	23	⬤ Ⓑ Ⓒ Ⓓ
4	⬤ Ⓑ Ⓒ Ⓓ	14	Ⓐ Ⓑ ⬤ Ⓓ	24	Ⓐ Ⓑ Ⓒ ⬤
5	⬤ Ⓑ Ⓒ Ⓓ	15	Ⓐ ⬤ Ⓒ Ⓓ	25	Ⓐ ⬤ Ⓒ Ⓓ
6	Ⓐ Ⓑ ⬤ Ⓓ	16	⬤ Ⓑ Ⓒ Ⓓ	26	Ⓐ Ⓑ Ⓒ Ⓓ
7	Ⓐ Ⓑ ⬤ Ⓓ	17	Ⓐ ⬤ Ⓒ Ⓓ	27	Ⓐ Ⓑ Ⓒ Ⓓ
8	Ⓐ ⬤ Ⓒ Ⓓ	18	Ⓐ ⬤ Ⓒ Ⓓ	28	Ⓐ Ⓑ Ⓒ Ⓓ
9	Ⓐ Ⓑ ⬤ Ⓓ	19	Ⓐ Ⓑ ⬤ Ⓓ	29	Ⓐ Ⓑ Ⓒ Ⓓ
10	Ⓐ Ⓑ ⬤ Ⓓ	20	Ⓐ Ⓑ ⬤ Ⓓ	30	Ⓐ Ⓑ Ⓒ Ⓓ