ICATS IT

CONTEST 2021

ICATS IT CONTEST

Question Booklet

GRADE 9 & 10
ADOLESCENTS

Time Allowed: 90 Mins.
Maximum Marks: 90

ICATS
International CATS Contests
An Assessment Center

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

ICATS IT CONTEST 2021
ADOLESCENTS (GRADE 9 & 10)

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. The first electronic general purpose digital computer built by Mauchly and Eckert called ENIAC did not work on the stored program principle. How many numbers could it store in its internal memory?

A 100   **B** 20   **C** 40   **D** 80

Q2. An optical input device that interprets pencil marks on paper media is called_____ .

A Magnetic tape   **B** Optical scanners   **C** Punch card reader   **D** O.M.R

Q3. Which of the following is the product of data processing?

A Information   **B** Data   **C** Software Program   **D** System

Q4. A device driver can be thought of like a translator. Its input consists of _____ commands and output consists of _____ instructions.

A high level, low level   **C** complex, simple
B low level, high level   **D** low level, complex

Q5. 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

---

Q6. In MS-Word which enables us to send the same letter to different persons?

A | Macros

B | Template

C | Mail merge

D | None of these

Q7. What is the Text-styling feature of MS-Word?

A | WordArt

B | WordFont

C | WordColor

D | All of these

Q8. The largest font size available on the interface in MS-word is?

A | 72

B | 73

C | 74

D | 86

Q9. Why the document you created at home displays with a different font at school?

A Because you have a different printer at school than at home

B Because you have a different monitor at school than at home

C Because the font you used at home is not installed on your school computer

D Because the version of Windows is different

Q10. You cannot close MS-Word application by using the option below:

A Choosing File menu then Exit submenu

B Press Alt + F4

C Click X button on title bar

D From File menu choose Close submenu

Q11. Ryan received an email from his boss which was typed in all capital letters. Ryan needs to insert this text into another document but with the correct capitalization of sentences and words. Which of the following options will help him?

A He can use the Paste Special function to paste the text without formatting.

B He can turn the Caps Lock button on his keyboard to the off position.

C He can use Shift+F3 to change the case of selected text to the desired case.

D All of the above options are correct.

Q12. Sam is doing an essay on John Stith Pemberton. His version of MS-Word keeps underlining part of the name as a spelling error. What can Sam do to ensure the name is not picked up as a spelling error anywhere in his essay or future essays?

A He can add the name to his MS Word dictionary.

B He can right-click the name and select "Ignore All".

C He can right-click the name and select "Ignore".

D All of the above options are correct.

Q13. James discovers that when running a Spelling & Grammar check, MS-Word appears to be ignoring glaring spelling errors in his document. What may be the problem and how can he fix it?

A He needs to manually proofread the document and fix errors.

B He needs to select the whole document by pressing Ctrl+a before running a spellcheck.

C He needs to ensure that the "Do not check spelling or grammar" box is NOT ticked in the Language dialogue box.

D All of the above options are correct.

Q14. In MS-Word, to delete all the page numbers in a document, which of the following methods will be the most efficient?

A Click on the Remove Header and Remove Footer buttons, respectively.

B Select the footer region by pressing Ctrl+a whilst your cursor is in the Footer and press Delete.

C Select the whole document and press the Delete Page Numbers button.

D Press the Page Number button in the Headers & Footers group and select Remove Page Numbers.

Q15. Study the screenshot below. What will happen if you click the arrow circled in yellow?

A   This will launch the Style Set list.

B   This will apply the selected Style.

C   This will expand the Quick Styles Gallery

D   All of the options listed above are incorrect.

Q16. In MS-Excel, what will happen if I select a row and press Ctrl+- on my keyboard?

A   It will insert the hyphen or minus symbol '-'.

B   It will delete the contents of the first cell in the selection.

C   It will delete all the contents contained in cells in the selection.

D   It will delete the row.

Q17. Ben is using a colleague's PC. He is curious as to how much his colleague earns and when he sees a folder with the title "Budget", he decides to snoop. He opens the folder and views a few of the workbooks in this folder.
Will his colleague be able to know he snooped, and if yes, how?

A No, Ben is safe. Unless his colleague is an IT specialist, he will never find out.

B Yes, if his colleague presses the Data tab on the Ribbon, this will reveal a list of recently displayed documents.

C No, Excel automatically deletes recently accessed workbook and file history if you close and shutdown the PC.

D Yes, if his colleague opens the Backstage View and go to the Recent Workbooks and Recent Places area.

Q18. John has a workbook open that his colleague created. The workbook is titled: "Management Budget". John wants to use this workbook as a base for creating a workbook called "Project Management". Which of the following is the correct sequence of actions for him to take?

A File – Backstage View – Save – File Name – "Project Management" – Save.

B File – Backstage View – Save As – File Name – "Project Management" – Save.

C File – Backstage View – Open – File Name – "Project Management" – Open.

D File – Backstage View – Save As – File Name – "Management Budget" – Save as Type – "Project Management".

Q19. Which one of the following formulas contains an error that will prevent it from working?

A =Sum(A1, A4)   **B** =B26-M13   **C** =C4/C1   **D** B4=A1+A5

Q20. Study the formula in the cell A5 in the screenshot below. Carefully review the cells included in the formula and the symbols included. Based on your observations, which of the following options represents the result of this formula?

	A	B	C
1	10	1	
2	10	1	
3			
4			
5	=(A1+A2)*(B1+B2)		
6			
7			
8			

A The result will be: 40

B The result will be: 22

C The result will be: 0

D The formula contains errors and will not return any result.

Q21. Study the area circled in orange in the image below. This is a page number that was inserted using the page number buttons in the Design tab in the Page Layout View. Which of the following represents what this text will look like when printed?

&[Page] of &[Pages]

Footer
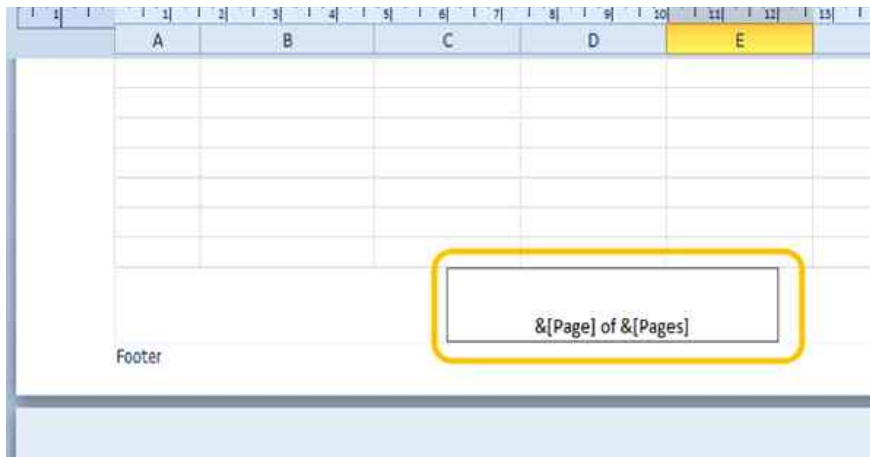
A &[Page] of &[Pages]

B Page 1

C 1 of 2

D Page 1 of 2 Pages

Q22. Priya is reviewing a spreadsheet for a colleague. She notes that part of all the formulas contain dollar symbols in the cell references, for example =A1*B and starts deleting the dollar symbols. Is that a good or bad idea and why?

A Good idea. The person who created the spreadsheet clearly made a typing error by including the dollar symbols.

B Bad idea. The dollar symbols are needed to format the calculated values of the formula with the correct currency symbol.

C Bad idea. The dollar symbols mark the references in the cells as Relative References. Removing these will cause the formula to calculate incorrect values.

D Bad idea. The dollar symbols mark the references in the cells as Absolute References. Removing these will cause the formula to calculate incorrect values.

Q23. You can save a PowerPoint presentation in multiple formats depending on what the slides will be used for. Which of the following is NOT a file format available in PowerPoint?

A Saving as a shareable un-editable document: PDF (Portable Document Format).

B Saving as a watchable video: Windows Media Video.

C Saving as an image: jpeg, gif or png file.

D As an executable list of slides in Excel: .xls file.

Q24. Under which tab will you find options to preview and play all the slides, including transitions and animations, in a presentation?

A Under the Home tab click on the Play button to preview all the slides in the presentation.

B Under the Slide Show tab click on the From Beginning button in the Start Slide Show group.

C Under the Preview tab, select the View Slideshow option and choose a timed duration for your presentation.

D Under the View tab, click on the From Beginning button in the Start Slide Show group.

ICATS IT Contest 2021 (Adolescents - Grade 9 & 10)

Q25. Study the screenshot below. How can you replicate the position of the Text Box on this slide, i.e. diagonally across the screen?

A | Use the Word Art function and select the diagonal text option.

B | Use the rotation handle on the Text Box to rotate the text diagonally.

C | Insert the text as a diagonal image that is automatically at the right angle.

D | All of the options listed above are correct.

Q26. The Internet was originally a project of which agency?

A | ARPA   B | NSF   C | NSA   D | None of these

Q27. DNS in internet technology stands for

A Distributed Name System

B Data Name System

C Dynamic Name System

D Domain Name System

Q28. Moving from one website to another is called:

A Downloading

B Browsing

C Uploading

D Attachment

Q29. A picture is displayed on the web screen. Which HTML tag is used to display that picture?

A Picture

B Image

C Img

D Src

Q30. Headquarter of micro-blogging platform Twitter is located in:

A New Jersey

B New York

C San Francisco

D Washington

National Toppers ICATS ART Contest 2021

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

Congratulations

National Toppers ICATS Creative Writing Contest 2021

Student Name	Father Name	Grade	School
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)
MUHMMAD 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

www.catscontests.org