QUESTION PAPER

PAKISTAN IT CONTEST
ADOLESCENTS (GRADE 9 & 10)

TIME ALLOWED: 90 MINUTES
MAXIMUM MARKS: 90
TOTAL QUESTIONS: 30 MCQs

INSTRUCTIONS

1. DON'T OPEN THIS BOOKLET UNTIL INSTRUCTED.
2. WRITE YOUR NAME, FATHER NAME, SCHOOL ETC AT THE BUBBLE SHEET ONLY.
3. RECORD ALL ANSWERS ON THE BUBBLE SHEET ONLY.
4. 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.
6. USE OF ANY HELPING MATERIAL INCLUDING CELL PHONES AND ELECTRONIC DEVICES IS STRICTLY PROHIBITED.
7. EVERY CORRECT ANSWER EARNs THREE POINTS.
8. ONE POINT WOULD BE DEDUCTED FOR EVERY INCORRECT ANSWER.
Q1. Which was the computer conceived by Babbage?
   a. Analytical Engine
   b. Arithmetic Machine
   c. Donald Kunth
   d. All of above

Q2. The processing speed of first generation computers was
   a. milliseconds
   b. microseconds
   c. nanoseconds
   d. picoseconds

Q3. Model 5100 was _____ in 1957.
   a. The first PC built by IBM
   b. The first PC built by Apple
   c. The first PC built by Motorola
   d. The first PC built by Intel

Q4. Which 8-bit chip was used in many of today’s TRS-80 computers?
   a. Z-8000
   b. Motorola 6809
   c. Z-8808
   d. Z-80

Q5. Which of the following is not a third generation computer?
   a. IBM 360
   b. IBM 1401
   c. PDP-8
   d. HP2115

Q6. Which is valid statement
   a. 1 KB = 1024 Bytes
   b. 1 MB = 1024 Bytes
   c. 1 KB = 1000 Bytes
   d. 1 MB = 1000
Q7. Latency time is
   a. Time to spin the needed data under head
   b. Time to spin the needed data under track
   c. Time to spin data under sector
   d. All of above

Q8. Which of the following programming language started from second generation?
   a. LISP
   b. C
   c. QBASIC
   d. FORTRAN

Q9. Which one of the following input device is user-programmable?
   a. Dumb terminal
   b. Smart terminal
   c. VDT
   d. Intelligent terminal

Q10. Which is not consisted in a processor
   a. ALU
   b. CU
   c. Memory
   d. Registers

Q11. Programs are executed on the basis of a priority number in a
   a. Batch processing system
   b. Multiprogramming
   c. Time sharing
   d. None of these

Q12. In which language is source program written?
   a. English
   b. Symbolic
   c. High level
   d. Temporary
Q13. Which of the following will happen when data is entered into a memory location?

   a. It will add to the content of the location  
   b. It will change the address of the memory location  
   c. It will erase the previous content  
   d. It will not be fruitful if there is already some data at the location

Q14. Basic is ________ language.

   a. a procedural  
   b. an object oriented  
   c. both A and B  
   d. none of the above

Q15. A computer Program that translates one program instruction at a time into machine language is called a/an

   a. Interpreter  
   b. CPU  
   c. Compiler  
   d. Simulator

Q16. Which of the following computer implemented binary numbers, perform calculations using electronics and implemented separate computation and memory for the first time?

   a. Mark I  
   b. ABC  
   c. Z3  
   d. None of above

Q17. An output device that uses words or messages recorded on a magnetic medium to produce audio response is

   a. Magnetic tape  
   b. Voice response unit  
   c. Voice recognition unit  
   d. Voice band

Q18. Which of the following is not purely output device?

   a. Screen  
   b. Printer  
   c. Speaker  
   d. Plotter
Q19. High level language is also called
   a. Problem oriented language
   b. Business oriented language
   c. Mathematically oriented language
   d. All of the above

Q20. The windows feature is the ability of computer to automatically configure a new hardware component is that
   a. Auto detect
   b. Plug and play
   c. Add remove hardware
   d. None of above

Q21. The ________ provides information about hardware installation, configuration and hardware status
   a. Device manager
   b. Control panel
   c. Add new hardware
   d. Program manager

Q22. Operating system is
   a. A collection of software routines
   b. A collection of hardware components
   c. A collection of input and output devices
   d. All of above

Q23. The __________ key will launch the Start button.
   a. esc
   b. shift
   c. Windows
   d. Shortcut

Q24. HTML document has three main elements. Which of the following is not one of them?
   a. DTD
   b. Head
   c. Neck
   d. Body
Q25. In which part of HTML document we can define meta data?
   a. `<!DOCTYPE>`
   b. `<HTML>`
   c. `<HEAD>`
   d. `<BODY>`

Q26. What is the correct syntax in HTML for creating a link on a webpage?
   a. `<LINK SRC= “icats.html”>`
   b. `<BODY LINK = “icats.html”>`
   c. `<A SRC = “icats.html”>`
   d. `<A HREF = “icats.html”>`

Q27. ___________ tells something about the data itself and not about the content
   a. Metadata
   b. Contents inside head element
   c. Footer
   d. None of above

Q28. A file which contains readymade styles that can be used for a presentation is called ___________?
   a. AutoStyle
   b. Wizard
   c. Template
   d. Pre formatting

Q29. Which among following is associated with excel?
   a. Graphic program
   b. Word Processor
   c. Presentation
   d. Spreadsheet

Q30. Landscape is?
   a. A font style
   b. Paper Size
   c. Page Layout
   d. Page Orientation