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GUESS PAPER 2020

CLASS: TEN

SUBJECT: COMPUTER

Most Important Short Questions

- Differentiate b/w Problem solving & Problem identification
- Steps to be followed to solve a problem
- Differentiate b/w Problem analyzing & Documentation
- Algorithm & purpose of refining an algorithm
- Differentiate b/w Desk checking & Computer program
- Differentiate b/w Coding & programming
- Syntax of programming language
- Debugging
- Errors that occur in a computer program
- Syntax errors
- Write causes of logical errors. Why logical error is the most difficult error?
- Difference b/w run-time errors & logical errors
- Flow charts & its advantages & limitations
- Compare flow chart & algorithm
- Define Basic language. Who & when GW Basic developed?
- Important features of BASIC language
- How is Basic program saved?
- How many modes are there in GW-Basic? / Direct & In-direct mode
- What does IDE stand for?
- Write the purpose of use of AUTO, MKDIR, DELETE, CLEAR, CLS commands
- Differentiate b/w LIST & LLIST commands.
- What are variables in GW-Basic?/ Numeric & String variables
- What are constants?/ Numeric & String Constant
- Differentiate b/w variable & constant
- Reserved words/ keywords
- Define Loop, Write its types & uses.
- Control structure & its types
- Differentiate b/w selection structure & sequence structure
- Describe the conditional & unconditional transfer of control in BASIC?
- Write the syntax & use of Go---To statement, ON ERROR GOTO statement, While ...Wend loop, FOR....NEXT loop, NESTED loop
- Differentiate b/w GOTO....and ON GOTO statements
- Differentiate b/w outer & inner loop
- Define Array & write its advantages
- Differentiate b/w subscripted variables & non subscripted

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- Define elements and index of an array
- Differentiate b/w one dimensional array & two-dimensional array
- Syntax of array declaration
- DIM statement & its syntax
- Filing of an array
- Purpose of array manipulation
- Subprograms
- Built in functions & types of built in function
- Numeric functions & types of numeric functions
- Differentiate b/w user defined function & built in function
- Sequential access & random access
- Differentiate b/w function & sub routine
- Differentiate b/w record & file handling
- Differentiate b/w data files & program files
- Differentiate b/w arguments & ABS function
- Differentiate b/w INT Function, SQR Function & SIN Function, FIX Function
- Differentiate b/w pixels & graphics
- Names of graphic modes
- Text mode
- Differentiate b/w High Resolution & Medium-Resolution Graphic mode
- Co-ordinate
- Differentiate b/w LINE & DRAW statements
- Differentiate b/w Purpose of SCREEN statement, COLOUR statement & LINE statement in BASIC
- Word processing software & its advantages
- Differentiate b/w menu bar & Drop Down Menu
- Scroll bar & its purpose
- Differentiate b/w title bar & tool bar
- Purpose of print & print preview icon
- Differentiate b/w Copy command & Paste command
- Differentiate b/w copy & paste
- Differentiate b/w save & save as
- How is document file renames in MS-Word
- Write the purpose of Find & replace command
- Differentiate b/w drop cap & page margins
- Headers & footers
- Differentiate b/w undo & redo command
- Differentiate b/w clip board & auto text

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Most Important Long Questions

- What is problem solving? Write down its steps.
- What is analysis? Describe its importance in solving a problem.
- What is the design algorithm? What is the next step in design algorithm?
- What is desk checking? Describe its importance.
- What is debugging? How many types of errors can occur in a program?
- What is flowchart? Describe important symbols used for drawing flowchart.
- Discuss advantages and limitations of flowchart.
- What is BASIC language? Give its purpose. In how many modes, GW-Basic can operate?
- Define program. What are fundamental rules of programming?
- Define variable. Write the rules for naming variables in BASIC.
- What are constants? Describe the types of constants used in GW-Basic?
- Write a note on LOAD, KILL command with example.
- Differentiate b/w arithmetic operators, relational operators and logical operators. Describe their uses.
- Define control structure. How many control structures are available in BASIC?
- What is meant by transfer of control?
- Explain GOTO statement, ON...GOTO, IF...THEN ELSE, FOR...NEXT statement, WHILE WEND Statement? Explain with examples.
- What is NESTED LOOP? Explain the nested FOR—NEXT loop.
- What is an array? Define elements and index of an array.
- Describe the use of subscript variable in array.
- Write a note on DIM statement.
- What is two-dimensional array? How can it be declared? Write its syntax and give an example.
- What is meant by Manipulation of array?
- What is a sub program or a module? Describe its purpose & types.
- What are built in or standard functions.
- What are user defined functions? Explain with examples? Also describe the DEFFN statement with example.
- Define graphics. What is a co-ordinate and how it is determined?
- Define IDE in Basic and briefly explain the functionality of its different modes.
- What is the purpose of SCREEN statement, COLOR statement, PALATTE statement, CIRCLE statement, DRAW statement in BASIC?
- What is meant by Title bar, Menu bar and status bar? How many elements are there?
- What is meant by saving a document? Write steps to save a word document.
- What are Headers and Footers? How they can be applied to the document?
- What is spell checker? How can you run the spell checker in MS-Word?

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