

- 1) How many types of control statements?
(a) 2 (b) 3 (c) 4 (d) 5
 - 2) Which of the following control structure is used for making decision?
(a) Sequence (b) Selection (c) Loop (d) None
 - 3) Which of the following is used to control the flow of execution of a program?
(a) Control structure (b) Program (c) Module (d) All
 - 4) Control structures
(a) Loop (b) Selection (c) Sequence (d) All
 - 5) By using GOTO statement and loops, we can make the computer to perform tasks
(a) Repeatedly (b) Quickly (c) Efficiently (d) All
 - 6) Which loops makes by WHILE.....WEND?
(a) Conditional loop (b) Controlled (c) Counter Loop (d) None
 - 7) When we are not sure about the number of iteration we use
(a) GOTO (b) IF....THEN (c) IF...THEN..ELSE (d) WHILE...WEND
 - 8) Which is the BASIC command to make decision
(a) READ (b) GOTO (c) IF (d) Loop
 - 9) In BASIC the loop FOR I = 2 to 20 step 4 will be executed for
(a) 6 times (b) 4 times (c) 5 times (d) It is unending loop
 - 10) Which of the following is unconditional control transfer statement?
(a) FOR (b) GOTO (c) IF (d) WHILE
 - 11) Which one is a multiple branching statement?
(a) IF..... ELSE (b) GOTO (c) ON.....GOTO (d) ON ERROR GOTO
 - 12) Loop inside loop is called
(a) FOR...NEXT Loop (b) WHILE..WEND Loop
(c) Nested Loop (d) Loop
 - 13) Go to loop break through the key
(a) CTRL + C (b) CTRL + P (c) CTRL + B (d) CTRL + V
 - 14) If nested loops have the same end point.
(a) A single NEXT statement for all loops (b) No NEXT statement is needed
(c) All loops must have their own next statement (d) Nested loop does not use
 - 15) IF.....THEN are which kind of commands in BASIC
(a) Arithmetic (b) Decision (c) Input (d) Process
 - 16) Which of the following BASIC statement is used to transfer the control to the specified line number of program if any error occurs during the execution of program?
(a) ON..... GOTO (b) ON ERROR GOTO (c) GOTO (d) None
 - 17) Which of the following is not a logical operator?
(a) AND (b) OR (c) NEITHER (d) NOT
 - 18) Types of transfer program are
(a) 2 (b) 4 (c) 6 (d) 8
 - 19) Statement is uses to transfer the control of program without any condition is called
(a) GOTO (b) IF....THEN (c) FOR...NEXT (d) WHILE.WEND
 - 20) In Which of the following control structure instructions are executed according to the increasing order of their line numbers?
(a) Loop (b) Selection (c) Sequence (d) All
 - 21) The value after the STEP parameter in the FOR.....NEXT statement may be
(a) Positive (b) Negative (c) Both a & b (d) None
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- 22) Which among the following is the last statement in BASIC program?
(a) QUIT (b) SYSTEM (c) END (d) BYE
- 23) Which of the following cannot be used to exit from an error handling routine?
(a) RESUME (b) RESUME NEXT (c) END (d) STOP
- 24) There are three logical operators
(a) Yes or Not (b) And or not (c) Now or and (d) None
- 25) Which of the following causes a move of the control from one part of the program to the other without any condition?
(a) Conditional transfer of control (b) Un conditional transfer of control
(c) Mix transfer of control (d) Both a & b
- 26) Which of the following BASIC statement contains one condition and two branches?
(a) IF.....THEN (b) IF..THEN..ELSE (c) GOTO (d) None
- 27) Which of the following BASIC statement is a conditional loop statement?
(a) FOR....NEXT (b) ON....GOTO (c) GOTO (d) WHILE...WEND
- 28) Which of the following statement is avoided in the programming?
(a) GOTO (b) ON.... GOTO (c) ON ERROR GOTO (d) IF...THEN
- 29) How many maximum transfer points can be specified with ON...GOTO statement?
(a) 240 (b) 245 (c) 250 (d) 255
- 30) Which of the following statement is used for error trapping purpose in GW-BASIC?
(a) GOTO statement (b) FOR....NEXT
(c) WHILE....WEND (d) ON ERROR GOTO
- 31) How many statements can be placed between FOR and NEXT statement in BASIC?
(a) None (b) One (c) Two (d) As many as required
- 32) Which of the following word specifies the end of WHILE loop?
(a) WEND (b) NEXT (c) RETURN (d) END
- 33) Which of the following BASIC loop statement is used to execute a set of statements for a specified number of times?
(a) FOR....NEXT (b) ON....GOTO (c) GOTO (d) WHILE...WEND
- 34) To specify two different alternatives with if statement the key word is used
(a) WHILE (b) WEND (c) IF (d) ELSE
- 35) The ERR and ERL are words each other
(a) Opposite (b) Same (c) Zero (d) Cancelled
- 36) In GW-BASIC every error is assigned
(a) Error Code (b) Name (c) Syntax (d) None
- 37) Which of the following is a special variable used assign an error code on occurrence of an error in BASIC?
(a) ERL (b) ERC (c) ERR (d) REN
- 38) Which of the following is a special variable used to assign the error line number where an error occurs?
(a) ERL (b) ERC (c) ERR (d) REN
- 39) In BASIC statement FOR A = 1 to 20 , A is known as
(a) Subscript (b) Pointer (c) Counter (d) Variable
- 40) In BASIC , if a loop A is lies entirely within loop B, loops A and B are called
(a) Inner loop (b) Outer loop (c) Nested loop (d) None
- 41) Which of the following resumes the execution at the specified line number?
(a) RESUME (b) RESUME NEXT (c) Resume line no (d) STOP
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- 42) How many types of loop statements in BASIC?
 (a) 2 (b) 3 (c) 4 (d) 5
- 43) FOR.... NEXT is used to implement
 (a) Iteration (b) Selection (c) Sequence (d) All
- 44) Which of the following keyword is not related to ON ERROR GOTO statement?
 (a) ERR (b) ERL (c) STOP (d) RESUME
- 45) Which of the following is an expression that evaluates to true or false?
 (a) Loop (b) Selection (c) Sequence (d) Condition
- 46) Which of the following is used to represent the true condition?
 (a) 0 (b) 1 (c) 2 (d) 3
- 47) GW-BASIC, each possible error has been assigned
 (a) A unique code (b) Two codes (c) Various codes (d) Both 'a' and 'b'
- 48) Reserved words are
 (a) ERR (b) ERL (c) ERP (d) Both 'a' and 'b'
- 49) The while loop keeps repeating an action until an associated condition becomes
 (a) True (b) False (c) Error free (d) Both 'b' and 'c'
- 50) Which of the following can not be used to exit from an error handling routine
 (a) RESUME (b) RESUME NEXT (c) END (d) STOP

ANSWER KEY

1	C	11	C	21	C	31	D	41	C
2	B	12	C	22	C	32	A	42	A
3	A	13	A	23	D	33	A	43	A
4	D	14	C	24	B	34	D	44	C
5	D	15	B	25	B	35	A	45	B
6	A	16	B	26	B	36	A	46	B
7	D	17	C	27	D	37	C	47	S
8	C	18	A	28	A	38	A	48	D
9	C	19	A	29	D	39	C	49	B
10	B	20	C	30	D	40	C	50	B

SHORT QUESTIONS**Q1: Define control structure?****CONTROL STRUCTURE**

The statements that are used to control the flow of execution in a program are called control structure.

Q2: How many types of control structure list down its name?**TYPES OF CONTROL STRUCTURE**

There are three types of control structure. These are

1. Sequence
2. Selection
3. loop

Q3: What do you mean by transfer of control?**TRANSFER OF CONTROL**

The method to transfer execution control from one part of program to another is known as transfer of control. There are two types of transfer of control.

1. Conditional
2. unconditional

Q4: What is the GOTO statement?**GOTO STATEMENT**

GOTO statement is used to unconditionally transfer the control from a program line to a specified line number during the execution of the program. It is an unconditional statement.

Syntax**GOTO Ln****Q5: What is ON.....GOTO statement?****ON GOTO STATEMENT**

The ON.....GOTO is a multiple branching statement. Unlike GOTO statement which has only one transfer point, the ON.....GOTO statement can have more than one transfer points. The ON.....GOTO statement is used to conditionally transfer the control to one of the branch in the program.

Q6: What is ON ERROR GOTO statement?**ON ERROR GOTO STATEMENT**

This statement is used to transfer the control to a specified line number of program if any error occurs during the execution of program.

Syntax**ON ERROR GOTO (LINE NO)****Q7: What is the purpose of ERR and ERL variables?****ERR & ERL VARIABLE**

In BASIC, each possible error has been assigned a unique code. These are special variables ERR and ERL that are used for this purpose. These are reserved words. The purpose of these variables are

- The error code is assigned to variable ERR when an error occurs.
 - The line number where the error occurs is assigned to variable ERL
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