

## A. QBASIC STATEMENTS

1. CLS [clear screen]
2. REM [remarks]
3. PRINT [use (,) and (;) for tab and cursor position]
4. LET [name\$="Ram Prasad", age=25 etc.] [(;) combines statements]
5. INPUT <"message">;variables
6. END [terminate program execution]
7. READ ... DATA
8. RESTORE [to re-read the same data with READ statement]
9. SWAP [ to swap variable's value]

## B. CONTROL STATEMENTS

1. Jumping statements:  
GOTO <label>
2. Selection statements:
  - a) IF ... THEN
  - b) IF ... THEN ... ELSE
  - c) IF ... ELSEIF ... ENDIF
  - d) SELECT CASE
3. Looping statements:
  - a) FOR ... NEXT
  - b) WHILE ... WEND
  - c) DO ... WHILE

## C. STRING FUNCTIONS

1. LEN
2. LEFT\$
3. RIGHT\$
4. MID\$
5. UCASE\$
6. LCASE\$
7. SPC
8. TAB

## D. LIBRARY FUNCTIONS

1. SQR
2. MOD
3. ABS
4. INT
5. LINT
6. SINT

### Examples:

- |    |   |    |  |
|----|---|----|--|
| #1 | PRINT "Hello World!"<br>CLS<br>PRINT "I am computer programmer"<br>END  | #5 | CLS<br>READ n\$, c, r<br>PRINT "Name: ";n\$<br>PRINT "Class: ";c<br>PRINT "Roll No: ";r<br>DATA Ram, 2, 24<br>END            |
| #2 | CLS<br>REM a program to calculate the area of circle.<br>INPUT "Enter the radius of the circle"; r<br>LET Pi = 22/7<br>Area = Pi*r*r<br>PRINT "The area of the circle is";Area<br>END | #6 | CLS<br>READ a,b,c<br>RESTORE<br>READ d,e,f<br>PRINT a,b,c,d,e,f<br>DATA 10,20,30<br>END                                      |
| #3 | CLS<br>INPUT "Enter the marks in three subjects:"a,b,c<br>average=(a+b+c)/3<br>PRINT "The average marks is:";average<br>END   | #7 | CLS<br>LET a=10;LET b=20<br>PRINT "Before swapping:"<br>PRINT a,b<br>SWAP a,b<br>PRINT "After swapping:"<br>PRINT a,b<br>END |
| #4 | CLS<br>PRINT "This will be printed"<br>END<br>PRINT "This will not be printed"  |    |  |