1. The key(s) used to run a program in QBASIC:
   (a) F2
   (b) Shift + F5
   (c) F5
   (d) END

2. A string variable name should end with:
   (a) “ ”
   (b) ?
   (c) $
   (d) /

3. This statement is used to end "if then else" statement:
   (a) end
   (b) end if
   (c) else
   (d) Both (a) and (b)

4. This statement is used to assign values to a variable:
   (a) INPUT
   (b) PRINT
   (c) LET
   (d) REM

5. Which of the following is a valid variable name?
   (a) Name$
   (b) 1Name$
   (c) Name.$
   (d) All

6. CLS stands for:
   (a) Clear Screen
   (b) Clean Screen
   (c) Clear
   (d) Both (a) and (b)

P.T.O.
7. The for statement in a loop always ends with:
   (a) End  
   (b) Next  
   (c) Step  
   (d) loop

8. Which of the following is a non-executable statement?
   (a) INPUT  
   (b) PRINT  
   (c) REM  
   (d) LET

9. QBASIC is a:
   (a) compiler  
   (b) high level programming language  
   (c) assembler  
   (d) low level programming language

10. The extension name for saving QBASIC file is:
    (a) .bas  
    (b) .qba  
    (c) .basic  
    (d) .prg
1. Name any two valid variable names. (1)
2. What is the default value in For.....Next loop? (1)
3. WAP to display "***" 10 times horizontally on screen using loops. (2)
4. Differentiate between:
   (1) A constant and a variable
   (2) Print and Input statement (4)
5. Explain the use of following QBASIC statements with their syntax: REM, if then else, Print (6)
6. Give the output of the following programs:
   (1) LET A=5
       LET B=A
       LET C=(B*5)-B
       PRINT A
       PRINT B
       PRINT C
       END
   (2) LET A=19
       LET B=5
       LET C=A+B
       LET D=C-A
       PRINT C
       PRINT D
       PRINT A-B
   (3) LET Z= 100
       LET Z1=Z-50
       LET Z2=Z-60
       PRINT Z;Z1;Z2
   (3 × 2 = 6)
7. WAP to display cube of a number entered by the user
   Note: Cube=N*N*N
3. WAP to input Principle, rate, time from the user and display SimpleInterest. (3)
   Note: SimpleInterest=\((\text{principle}\times\text{rate}\times\text{time})/100\).
9. WAP to print odd numbers from 1 to 20 in reverse order. (3)
10. WAP to find smallest of 3 numbers entered by the user. (3)
11. WAP to accept a single character from the user and check whether it is a vowel or
    consonant. (4)
12. WAP to input name, age and percentage from the user. If percentage is more than
    85 than display "Scholarship" otherwise display "Better luck next time". (4)