```
1=12- Salutioni-
```

1.01

Declare retailprice, salestox, totalsale, taxitate 2.01

Print "Enter the retail price of item" 3-0:

4.01 Input retailPrice

5.0 Print "Enter sales tou rate"

6.0 Input toxfate

sales-tage < retailPrice * (tourlate /100) 7.0

total Sale + Salestane + retail Price 8.0

9.0 Print "The sales tor for the purchase is: ", Saleston

Print "The total sale is: ", total Sale 10.0

end. 11-0

Q#2:- Solution:-

1.0 Start

meth, science, english, urdu, total obtained, total, percentage, totalwater 2.0 Declare total Math, totalscience, totaleighish

Print "Enter obtained math marks" 3.0

Input math 4.0

Print "Enter total north marks" 5.0

Input total Math. 6.0

Print "Enter obtained Science marks" 7.0

Input science 8.0

Print "Enter total science marks". 9.0

Input totalscience. 10.0

Print "Enter obtained english marks 11.0

120 Input english.

Print "Enter total english marks" 13.0

14.0 Input total English.

Print "Enter obtained under marks" 15.0

Input wide. 16.0

Print "Enter total wode marks" 17.0

18.0 totallydu Input

Obtained < (math+ science + english + undu) 19.0

Total (total Moth + fotal Science + total English + total Wide) 20.0

21-0 Peruntage (Obtained/total) +100 220

Q#31-Solution: Start 1.0 Declare price, discounted Price Print "Enter price of shirt". 3.0 4.0 Print "The discounted price on shirt is" discounted Price + Price of 0.1 6.0 Print discounted Price 7.0 8.0 end. Q# 4,-Solution:-1.0 Start . Declare ml, m2, m3, avrg. 2.0 Print "Enter marts of first student". 3.0 4.0 Input m1. 5.0 Print "Enter makes of second student" 6.0 Input m2. 7.0 Print "Enter marks of third student" 3.0 Imput m3. 9.0 Avroy = (m1+m2+m3)/3 Print "Aury morrks of class is", Avry 100 end. 11.0 (<u>#5</u>:-Solution Start 1.0 Declare Salary, Bonus Salary 2.0 Print "Enter solary 3.0 Input Serlary 4.0 5.0 If salary > 1500 then Borms Solary - Solary + 100 end if. 6.0 Print "Bonus Salary is: ", Bonus Salary 7.0 8.0 end. Q#6:-Solutioni-1.0 Start 2.0 Declare num Print "Enter number" 3.0 Input num If num 1.2 = 0. then 6.0 5.1 else Print "Number is even".

1.0 Start 2.0 Declare ch Print "Enter a character" 4.0 Input ch. 5.0 If ch = 'a' or ch = i' or ch = 'o' or ch = 'e' or ch = 'u' ha Print "Chowacter is vowel" 5-1 else 6.0 Print "Chewader is consoneut". 6.1 end if 7.0 end. 8.0

Q#8:-

Solution:

1.0 Start 2.0 Declare year. Print "Enter year:" Input year 3.0 4.0 5.0 If year 1.4=0 then S.1 Print "Leap year" 6.1 Print "Not a leap year" end if. 6.0 7.0 end. 8.0

Q#9;-

1.0

Start 2.0 Pedone age. 3.0 Print "Enter age of complitate" Input age 4.0 If age 2= 18 then 5.1 Print "Comelidate eligible to vote" else Print "Candidate non eligible to vote". end if 7.0 8.0 end.

```
1.0 Start
 2.0 Declare total
     Print "Enter total marks: "
 3.0
 4.0 Input total.
 5.0 If total >80 then
    5.1 Print "Granele in A+"
       else if total > 75 then
    6.1 Print "Grade is A".
     else If total >70 then
     7.1 Print "Greede is B".
     else if total >65 then
    8.1 Print "Groade in C"
      else if total >60 then
     9.1 Print "Grade is D"
     else total >= 50 then
         Print "Grende is E".
     10.1
11.0
      else
        Print "Grande is F"
     11.1
12.0 end if
13.0
    end.
```

<u>Q#</u>]|1-Solution:-

1.0 Stort Declare temperature. 2.0 3.0 Print "Enter temperature of weather" 4.0 Input temperature 5.0 If temperature > 45 then 5.1. Print "Warm" 6.0 else if temperature >20 then 61 Print "Normal! else if temperature < = 20 then 7.0 7.1 Print "COOL" 8.0 else "False inpul". 9.0 end if end 10.0