Pseudocodes and Algorithms:

Pseudocodes:

Q#1) START
2. INPUT num1.
3. INPUT num2   4. INPUT num3
5. SET greatest_num to 0
6. IF num1 > num2 AND num1 > num3 THEN
     PRINT "The
     SET greatest_num to num1
ELSE
     IF num2 > num1 AND num2 > num3 THEN
     SET greatestnum to num2
ELSE
     IF num3 > num1 AND num3 > num1 THEN
     SET greatest_num to num3
7. DISPLAY "The maximum num is greatest_num"
8. END

Q#2), START
2. INPUT hours_parked
3. SET parking_charges = 0
4. IF hours_parked <= 1 THEN
     SET parking_charges = 5
ELSE
     SET hours_parked = 5 + (hours_parked - 1) * 3
5. DISPLAY "Parking fees is: ", hours_parked
6. END

Q#3) 1. START
2. DECLARE   Final_Cost, Discount
3. INPUT   Total_Cost
4. IF
   Total_Cost > 100   THEN
   Final_Cost = Total_Cost - (Total_Cost * Discount)
   DISPLAY "Your bill after discount is:", Final_Cost
   ELSE
   DISPLAY "Your bill is:", Total_Cost
5. END

Q#4) 1. START
2. INPUT   number
3. IF
   number % 2 == 0   THEN
   PRINT "The number given is even"
   ELSE
   PRINT "The number given is odd"
4. END

Algorithms :

Q#1)
* Start
* Input   TotalClasses, AttendedClasses
* Attendance = (AttendedClasses/TotalClasses) x 100
* Is   Attendance < 75%
DISPLAY "You are given a warning for short of attendance"
Otherwise
DISPLAY "Your attendance is sufficient"
* END

Q#2)
* START
* Input   HourlyPay, HoursWorked
* Grosspay = HourlyPay * HoursWorked
* Display   Grosspay
* END

Q#3)
* START
* Input   num1, num2, operator
* Is   operator '+'?
  DISPLAY   result = num1 + num2
* Is   operator '-'?
  DISPLAY result = num1 - num2
* Is operator '/'?
  DISPLAY result = num1 / num2
* Is operator '*'?
  DISPLAY result = num1 * num2

* Is operator '%'?
  DISPLAY result = num1 % num
* END

Q#4)

* START
* Input   Total Bill
* Does   the   customer   want   to   give   tip ?
  if   yes   then   finalBill = TotalBill + (TotalBill * 15%)
  if   no   then   finalBill = TotalBill
* END

Q#5)

* START
* Input   Marks
* If   Marks   greater   than   80, give   A   grade
* If   Marks   greater   than   65, given   B   grade
* If   Marks   greater   than   45, given   C   grade
* END.