Question 1

Order the sequence to get the correct algorithm for the below given scenario

A famous music director is now composing a pop album. To speed up his composition of generating unpredictable rhythms, he wants the list of prime numbers available in a range of numbers.

Can you help him out?

✔ Read the values for N and M

✔ While N is smaller than M
Initialize I to 2

✔ While I is smaller than N

✔ If N is divisible by I
Skip loop

✔ Increment I

✔ If N is equal to I
Print N

✔ Increment N

Question 2

Drag And Drop the text to get correct algorithm for the below Scenario

Ninu wants to teach her 5 years old daughter about the seasons and the months.If Ninu tells the name of the month her daughter has to tell the respective season for the month.

Hint

Summer -March,April,May

Winter-December January February

Autumn – September October November

Spring – June July August

Algorithm for the Scenerio

Start

Enter the [name of the month ⇕] ✔ to be checked

[If ⇕] ✔ the [name of the month ⇕] ✔ is March or April or May then

[Print ⇕] ✔ "Summer"

[else if ⇕] ✔ the [name of the month ⇕] ✔ is December or January or February

[Print ⇕] ✔ "Winter"

[else if ⇕] ✔ the [name of the month ⇕] ✔ is September or October or November

[Print ⇕] ✔ "Autumn"

[Else ⇕] ✔

[Print ⇕] ✔ "Spring"

end

Question 3

Correct

Mark 1.00 out of 1.00

⚑ Flag question

Generate the correct algorithm for the given scenario

National Highways Department announces a scheme for four wheeler in toll gate for 50th year celebration. If the vehicle number is divisible by both 7 and 3 that will move on for free of cost. if the vehicle number id divisible by 7 or 3 then they should pay half of the fee. Otherwise You have to pay.

start
read the vehicle_number
if [vehicle_number ⬍] ✔ / 7 [and ⬍] ✔ [vehicle_number ⬍] ✔ / 3 then
    print " [Need not pay. Enjoy driving ⬍] ✔ "
else if [vehicle_number ⬍] ✔ / 7 [or ⬍] ✔ [vehicle_number ⬍] ✔ / 3 then
    print " [Pay half the toll gate fee ⬍] ✔ "
else
    print " [Pay for toll gate ⬍] ✔ "
end

Question 4

Correct

Mark 1.00 out of 1.00

⚑ Flag question

In FUN Mall, Mirchi FM has arranged for a thriller game. Mr.Stev who is the organizer for this event, calls one of the participant and ask him to pick a number. If the participant picks positive number he has to enter into angel house or if he picks zero or negative number he has to enter into ghost house. Write a program to display to which house the participant has to be entered.

Given the following algorithm ,order the same in the correct sequence.

✔ Start

✔ Get a number from the user

✔ Check if the number is greater than 0

✔ If greater then

✔ Print "Enter the Angel House"

✔ Else if lesser then

✔ Print "Enter the Ghost house"

✔ End