

- Q.3** **14**
- A) Bring out the differences and similarity between switch and if-else statement with suitable example.
 - B) Explain the concept of Recursive function with suitable example.

OR

- Q.3** **14**
- A) WAP to calculate the overtime pay of 10 employees. Overtime is paid at the rate of Rs. 12.00 per hour for every hour worked above 40 hours. Assume that the employees do not work for fractional part of an hour.
 - B) Any year is entered through the keyboard, WAP to determine whether the year is leap year or not.

- Q.4** **14**
- A) Explain the concept of Call by Value and Call by Reference, with suitable examples.
 - B) Explain the Conditional Operator with suitable examples.

OR

- Q.4** **14**
- A) WAP to print all prime numbers from 1 to 300. (Hint : Use nested loops, break and continue).
 - B) If a cost price and selling price of an item is input through the keyboard, WAP to determine whether the seller has made profit or incurred loss. Also determine how much profit he has made or loss incurred.

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