1. Develop a four month moving average forecast for Wallace garden supply and compute the MAD .A three month moving average forecast was developed in the section on moving averages in following :-

Month Actual Shed Sales Three month moving Average

January 10

February 12

March 13

April 16 (10+12+13)/3 =11.67

May 19 (12+13+16)/3=13.67

Jun e 23 (13+16+19)/3=16.00

July 26 (16+19+23)/3=19.33

August 30 (19+23+26)/3=22.67

September 28 (23+26+30)/3=26.33

October 18 (26+30+28)/3=28.00

November 16 (30+28+18)/3=25.33

December 14 (28+18+16)/3=20.67

January - (18+16+14)/3=16.00

Wallace Garden supply decides to forecast storage shed sales by weighting the past three month as follows\_:-

Weights Applied Period

3 Last month

2 Two month ago

1 Three month ago

X sales last month+ x Sales two month ago + x Sales three months ago.

Sum of the weights