

**STATS 326 ASSIGNMENT 2 MARKSHEET**

**NAME:**

**269999947**

**Question 1/20**

Correct Timeframe 2000 - 18.3 (2 marks)	2
Correct HW command (2 marks)	2
Correct HW output (2 marks)	2
Correct HW predictions (2 marks)	2
2018.4 - 2019.3 observations (2 marks)	2
Correct RMSEP calc (2 marks)	2
Correct Plot (2 marks)	2
Comments	
Fit (2 marks)	1
Predictions (2 marks)	0
RMSEP (2 marks)	2
<b>Q1 Total</b>	17

**Question 2/30**

Correct model (STL) (6 marks)	6
Correct Plot (4 marks)	4
Correct Seasonal estimates (2 marks)	2
Plot comments	
Linear trend (2 marks)	2
Break in trend (2 marks)	1
Comments	
Comments on seasonal (2 marks)	2
Quarter 1 lowest (2 marks)	2
Quarter 3 highest (2 marks)	2
Correct model output (2 marks)	2
Correct predictions (4 marks)	4
Correct RMSEP (2 marks)	2
<b>Q2 Total</b>	29

**Question 3/30**

Seasonal estimates (3 marks)	3
Plot (3 marks)	2
Variables fitted in final model (2 marks)	2
Plot of residuals (2 marks)	2
Acf plot (1 mark)	1
Normality (2 marks)	2
Assumptions satisfied (2 marks)	2
Evidence for estimates (2 marks)	1
F-stat (1 mark)	1
Multiple R-squared (1 mark)	1
RSE (1 mark)	1
Intervals narrow (2 marks)	2
RMSEP (2 marks)	1
Why better model (2 marks)	2
Predictions (4 marks)	4
<b>Q3 Total</b>	27

**Question 4/20**

Correct Model (STL) (4 marks)	4
Correct Timeframe (2000 - 2019.3) (2 marks)	2
Correct Model output (4 marks)	2
Correct predictions (4 marks)	2
Comments	
Similar estimates to orig model (2 marks)	0
Multiple R-squared (1 mark)	1
Table of preds 2dp (3 marks)	0
<b>Q4 Total</b>	11

**ASSIGNMENT TOTAL** 84