STAT 410 - Section 1 - Fall 2021 Homework #05

Sharvi Tomar

TOTAL POINTS

10 / 10

QUESTION 1

4 10 pts

1.1 4w 2.5 / 2.5

√ - 0 pts Correct

- 0.5 pts Marked the wrong region in graph
- 1 pts Have drawn a wrong graph
- 0.5 pts Wrong Jacobian

1.2 4x 1/1

√ - 0 pts Correct

- **0.5 pts** Incorrect integral limit or answer for 0 < t < 600
- **0.5 pts** Incorrect integral limit or answer for 600 < t < 1000
- **0.5 pts** Wrong setting or not included support
- 1 pts No valid work

1.3 4y 2.5 / 2.5

√ - 0 pts Correct

- 0.5 pts Jacobian not correct
- 1 pts Jacobian missing
- **0.5 pts** Answer not correct
- 1 pts Graph missing
- **0.5 pts** Support in graph not correct

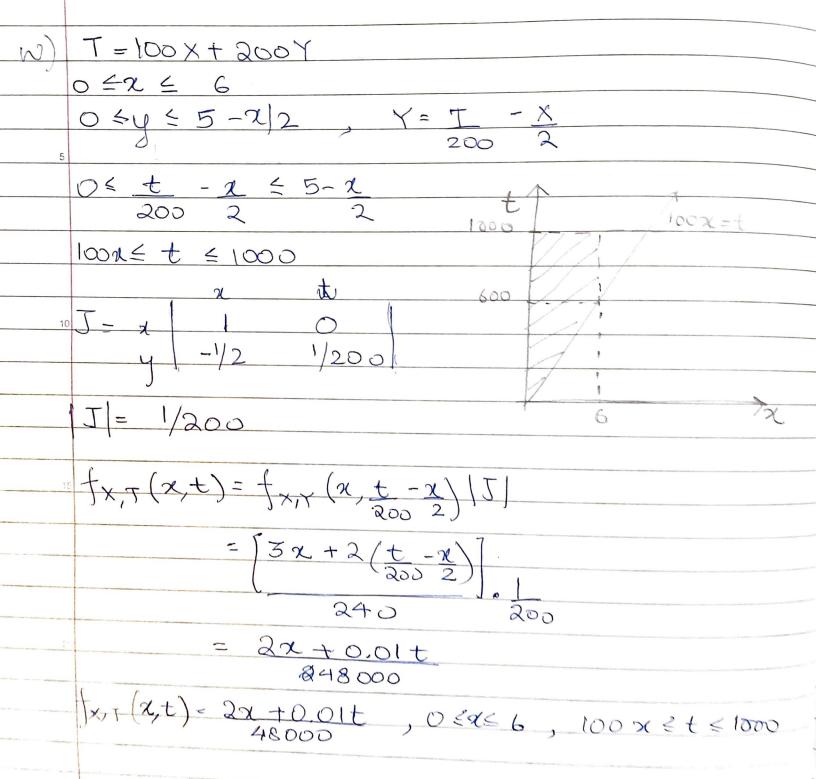
1.4 4z 1.5 / 1.5

√ - 0 pts Correct

- 0.5 pts Incorrect integral limits or answer for 0 < v
- < 3
 - 0.5 pts Incorrect integral limits or answer for v > 3
 - 1 pts Wrong initial setting or wrong support
 - 1.5 pts No valid work

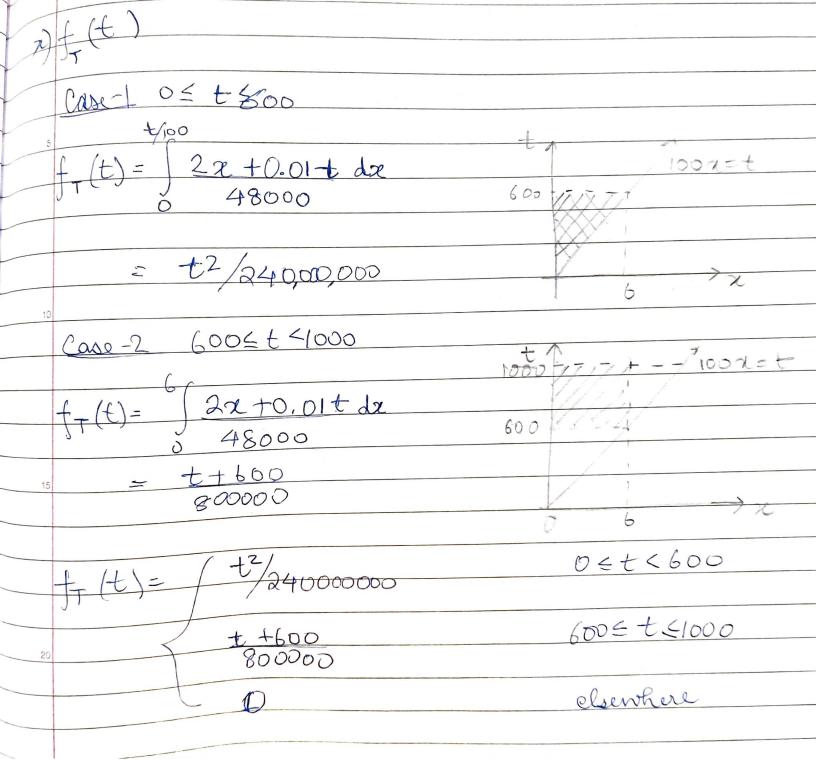
1.5 4aa 2.5 / 2.5

- 1 pts No works for Jacobian
- 0.5 pts Used wrong Jacobian
- 1 pts Wrong sketch for the graph
- **0.5 pts** Wrong final joint pdf
- 2.5 pts No valid work



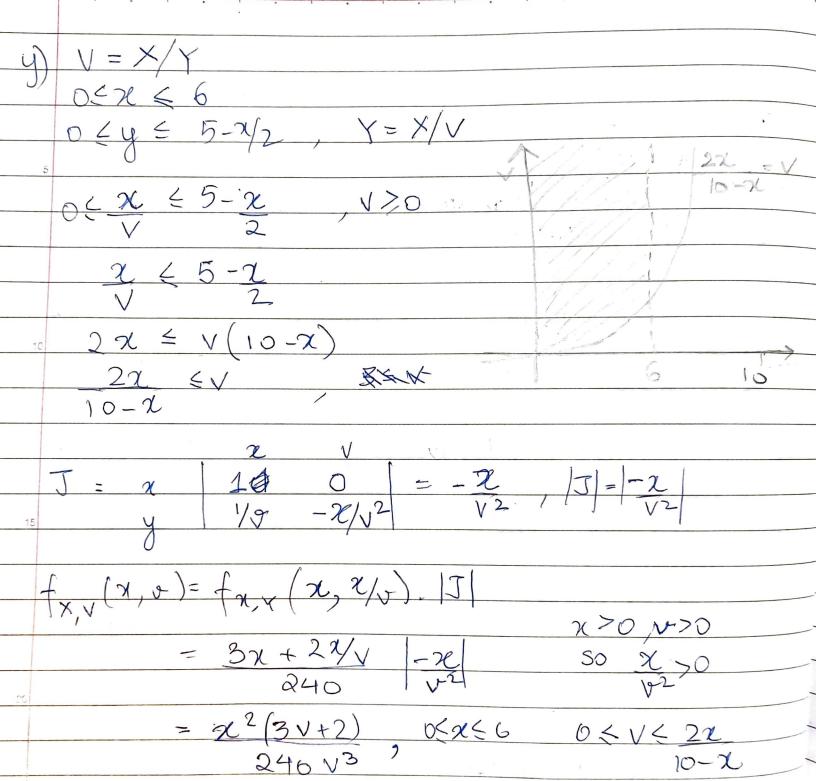
1.1 4w 2.5 / 2.5

- **0.5 pts** Marked the wrong region in graph
- 1 pts Have drawn a wrong graph
- **0.5 pts** Wrong Jacobian



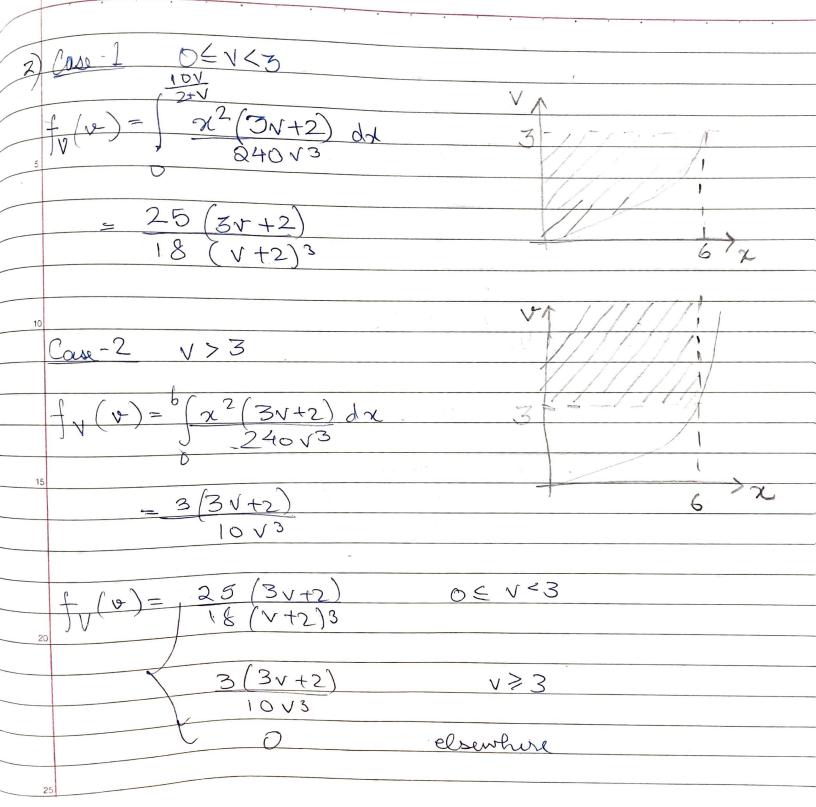
1.2 4x 1/1

- **0.5 pts** Incorrect integral limit or answer for 0< t < 600
- **0.5 pts** Incorrect integral limit or answer for 600 < t < 1000
- **0.5 pts** Wrong setting or not included support
- 1 pts No valid work



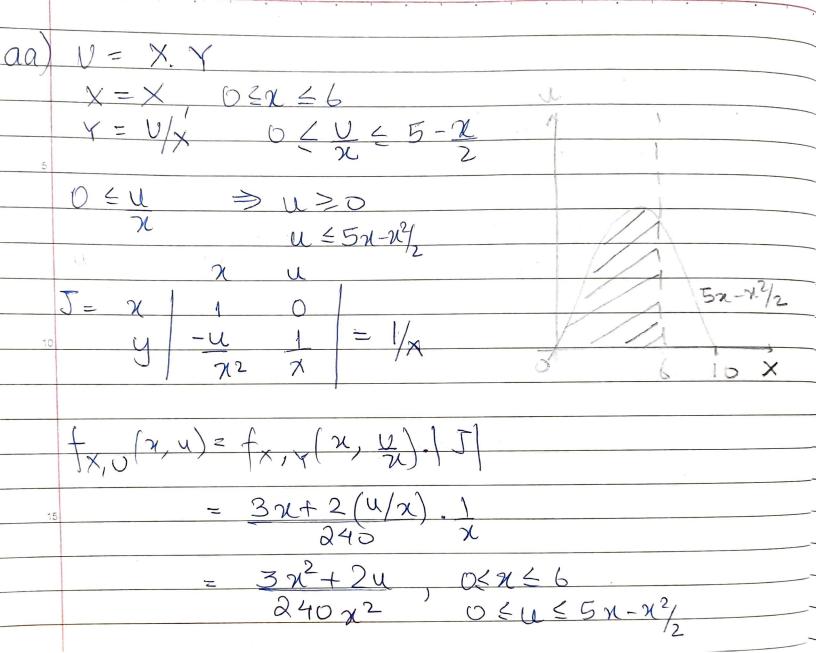
1.3 4y 2.5 / 2.5

- **0.5 pts** Jacobian not correct
- 1 pts Jacobian missing
- **0.5 pts** Answer not correct
- 1 pts Graph missing
- **0.5 pts** Support in graph not correct



1.4 4z 1.5 / 1.5

- **0.5 pts** Incorrect integral limits or answer for $0 \le v \le 3$
- **0.5 pts** Incorrect integral limits or answer for v > 3
- 1 pts Wrong initial setting or wrong support
- 1.5 pts No valid work



1.5 4aa 2.5 / 2.5

- 1 pts No works for Jacobian
- **0.5 pts** Used wrong Jacobian
- 1 pts Wrong sketch for the graph
- **0.5 pts** Wrong final joint pdf
- 2.5 pts No valid work