PETER B. M. VRANAS
MWF 11:00-11:50, FALL 2021
Name:
ANSWER SHEET FOR PROBLEM SET \#1
(Due Monday 13 September at 11:00am in class)
PROBLEM 1

| (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| PROBLEM 2 |  |  |  |  |  |  |  |
| (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) |
|  |  |  |  |  |  |  |  |

PROBLEM 3

| (a) | (b) | (c) | (d) |
| :---: | :---: | :---: | :---: |
|  |  |  |  |

PROBLEM 4
$\square$
ANSWER SHEET FOR QUIZ \#1
(To be filled in at the beginning of class)

| 1 | 2 | 3 | 4 |
| :---: | :---: | :---: | :---: |
|  |  |  |  |

## Name:

## ANSWER SHEET FOR PROBLEM SET \#2

(Due Monday 20 September at 11:00am in class)
PROBLEM 1

| Domain |  |
| :--- | :--- |
| Denotation of $P$ |  |
| Denotation of $Q$ |  |
| Denotation of $R$ |  |
| Denotation of $a$ |  |
| Denotation of $b$ |  |
| Denotation of $c$ |  |

PROBLEM 2

|  | Interpretation 1 (sentence true) | Interpretation 2 (sentence false) |
| :--- | :--- | :--- |
| Domain |  |  |
| Denotation of $L$ |  |  |

PROBLEM 3

| $\#$ | 36 | 41 | 44 | 46 | 49 | 53 | 55 | 56 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Truth val. on $I_{1}$ |  |  |  |  |  |  |  |  |
| Truth val. on $I_{2}$ |  |  |  |  |  |  |  |  |
| Truth val. on $I_{3}$ |  |  |  |  |  |  |  |  |

PROBLEM 4

| $(1)$ |
| :--- |
| $(2)$ |
| $(3)$ |
| $(4)$ |
| $(5)$ |
| 6$)$ |

ANSWER SHEET FOR QUIZ \#2
(To be filled in at the beginning of class)

| 1 | 2 | 3 | 4 |
| :---: | :---: | :---: | :---: |
|  |  |  |  |

PETER B. M. VRANAS
MWF 11:00-11:50, FALL 2021

Name:
ANSWER SHEET FOR PROBLEM SET \#3
(Due Monday 27 September at 11:00am in class)
PROBLEM 1

PROBLEM 2

PROBLEM 3
$\square$
PROBLEM 4

ANSWER SHEET FOR QUIZ \#3
(To be filled in at the beginning of class)

| 1 | 2 | 3 | 4 |
| :---: | :---: | :---: | :---: |
|  |  |  |  |

Name:
ANSWER SHEET FOR PROBLEM SET \#4
(Due Monday 4 October at 11:00am in class)
PROBLEM 1


PETER B. M. VRANAS
MWF 11:00-11:50, FALL 2021
Name:
ANSWER SHEET FOR PROBLEM SET \#5
(Due Monday 18 October at 11:00am in class)
PROBLEM 1

PROBLEM 2

ANSWER SHEET FOR QUIZ \#5
(To be filled in at the beginning of class)

| 1 | 2 | 3 | 4 |
| :---: | :---: | :---: | :---: |
|  |  |  |  |

PETER B. M. VRANAS
MWF 11:00-11:50, FALL 2021

## Name:

ANSWER SHEET FOR PROBLEM SET \#6
(Due Monday 25 October at 11:00am in class)
PROBLEM 1 (FILL IN WITH 'TRUE' OR 'FALSE')

| Set | Theory? | Consistent? | Decidable? | Axiomatizable? | Powerful? | Complete? |
| :---: | :--- | :--- | :--- | :--- | :--- | :--- |
| (a) |  |  |  |  |  |  |
| (b) |  |  |  |  |  |  |
| (c) |  |  |  |  |  |  |
| (d) |  |  |  |  |  |  |

PROBLEM 2

ANSWER SHEET FOR QUIZ \#6
(To be filled in at the beginning of class)

| 1 | 2 | 3 | 4 |
| :---: | :---: | :---: | :---: |
|  |  |  |  |

PETER B. M. VRANAS
MWF 11:00-11:50, FALL 2021

Name:
ANSWER SHEET FOR PROBLEM SET \#7
(Due Monday 1 November at 11:00am in class)
PROBLEM 1

PROBLEM 2
$\square$
PROBLEM 3
$\square$
ANSWER SHEET FOR QUIZ \#7
(To be filled in at the beginning of class)

| 1 | 2 | 3 | 4 |
| :---: | :---: | :---: | :---: |
|  |  |  |  |

PETER B. M. VRANAS
MWF 11:00-11:50, FALL 2021

Name:
ANSWER SHEET FOR PROBLEM SET \#8
(Due Monday 8 November at 11:00am in class)
PROBLEM 1

PROBLEM 2

ANSWER SHEET FOR QUIZ \#8
(To be filled in at the beginning of class)

| 1 | 2 | 3 | 4 |
| :---: | :---: | :---: | :---: |
|  |  |  |  |

PETER B. M. VRANAS
MWF 11:00-11:50, FALL 2021

Name:
ANSWER SHEET FOR PROBLEM SET \#9
(Due Monday 15 November at 11:00am in class)
PROBLEM 1

PROBLEM 2

ANSWER SHEET FOR QUIZ \#9
(To be filled in at the beginning of class)

| 1 | 2 | 3 | 4 |
| :---: | :---: | :---: | :---: |
|  |  |  |  |

