

ENEE 621
FALL 2015
DETECTION AND ESTIMATION THEORY

TEST # 2:

Please work out the **four** (4) attached problems. **Show** work on provided space and **explain** reasoning; **box** or **circle** your final answers.

Please write your **full name** and **SID** in the space provided below! Thank you for your cooperation.

Problem #1 /30

Problem #2 /30

Problem #3 /30

Problem #4 /30

Total /120

NAME/SID: _____

1. _____

1.a.
(6 pts.).

1.b. (8 pts.).

1.c.
(10 pts.).

1.d.
(6 pts.).

ANSWER:

2. _____

2.a.
(4 pts.) (6 pts.).

2.b. (6 pts.).

2.c.
(10 pts.).

ANSWER:

3. _____

3.a.

3.b.

(5 pts.).

3.c. (5 pts.).

ANSWER:

#4.

4.a.
(10 pts.).

4.b.
(10 pts.).

4.c.
(10 pts.).

ANSWER:

