Each question worth 3 points. Calculations and epithets written on multiple choice questions will be ignored. Circle only one response for each multiple choice question. NLAES. Avoid MITDC.

1) Here are data on times required for each of four people to do each of four jobs. Use the intuitive approach (use the lowest cost available first) to assign each person to one job and each job to one person. What would the cost be for an intuitive approach?

A. 10
B. 13
C. 14
D. 20
E. 22
F. 38
G. 48

	A	B	C	D
Charlie	7	5	2	9
Gerald	6	8	3	11
Johnny	4	10	7	12
Rick	14	32	13	24

2) In how many different ways (combinations) could we assign these people to these jobs with one person to each job?

A. 2
B. 4
C. 5
D. 8
E. 16
F. 24
G. 32
H. 64
I. 120
J. 256

3) Why is there stop-and-go traffic on highways even though there are no stoplights and everybody eventually gets where they're going?

A. FCFS scheduling instead of Due Date.
B. Not enough drivers cutting in and out.
C. Low utilization of the highways.
D. Engineers designed it that way on purpose, for entertainment or because they're lonely.
E. Variability in traffic and speed.
F. Because it takes *forever* to get through.. That's why it's called *infinite* source
G. The reason we use the central limit theorem in project management

4) A basic difference between infinite source and finite source queuing models is:

A. the number of servers.
B. the average waiting time.
C. the arrival distribution.
D. size of potential calling population.
E. processing rate.

5) A person who espouses a philosophy of rational laziness might see the ultimate goal to be

A. increased child labor
B. full employment where everyone works long hours
C. an end to summer vacations
D. more jobs for everybody
E. less employment rather than more