4. **How is the relative contagiousness of the disease measured in the SIR model?** *
Mark only one oval.

- ◯ Rate of change between susceptible to infected
- ◯ Rate of change between infected and recovered
- ◯ The number of close contacts per infected individual

5. **What is herd immunity?** *
Mark only one oval.

- ◯ When there are no infected individuals left to spread the disease
- ◯ When enough individuals are recovered to reduce the spread of disease
- ◯ When there are no longer enough susceptibles in the population to spread the disease

6. **True or False: On average, some fraction of the infected population will shift over to the recovered population each day.** *
Mark only one oval.

- ◯ True
- ◯ False

7. **What is the size of the infected population like at the peak of an epidemic?** *
Mark only one oval.

- ◯ Relatively high compared to total population
- ◯ Relatively low compared to total population
- ◯ Relatively average compared to total population

8. **How does the SIR model assume that susceptible and infected individuals eventually shift to the recovered population?** *
Mark only one oval.

- ◯ Vaccination
- ◯ Death
- ◯ Natural Recovery
- ◯ Quarantine
- ◯ All of the Above