Name: _____ Engine # _____ /22

4-stroke Internal Combustion Engine

Job – Governor

1. Remove your engine's shroud and inspect the Governor System. Is everything in working order? Linkages are easily moved, spring is connected, not damaged/stretched/, misshaped.

2. Make a neat pencil drawing (front view) of your engine's governor (Use the simplified version found in your notes). Label the items listed below.

- Flywheel
- Governor air vane
- Carburetor linkage
- Governor spring
- Throttle control lever

Briggs & Stratton Governor /5

3. What is the name of the type of governor your engine uses?

/1

4. What is Hunting? What is it caused by?

/1

5. Which part in the Air Vane Governor System is the most critical to ensure the system works?

6. In the questions that follow, explain the operation of the governor for each scenario
   a) Engine starting

/5

b) Engine load suddenly increases

/5

c) Engine load suddenly decreases.

/5