a) **Which objects in the diagram instantiate which?**
   - random_test instantiates
     - env
   - env instantiates
     - driver
     - result_monitor
     - command_monitor
     - random_tpgen
     - scoreboard
     - coverage

b) **The following objects in the diagram are created by the new() function:**
   - uvm_tlm_fifo
   - uvm_analysis_port (not sure)
   - uvm_get_port (not sure)
   - uvm_tlm_analysis_fifo (not sure)

c) **The following objects in the diagram are created by reference to the UVM factory:**
   - tpgen
   - driver
   - coverage
   - scoreboard
   - command_monitor
   - result_monitor

d) **Objects of the following classes retrieve BFM information from UVM by calling uvm_config_db:**
   - command_monitor
   - driver
   - result_monitor

e) **Objects of the following classes instantiate uvm_analysis_port:**
   - command_monitor
   - result_monitor

f) **Objects of the following classes instantiate uvm_get_port:**
   - driver

g) **Objects of the following classes instantiate uvm_put_port:**
   - base_tpgen

h) **The following uvm_*_port classes are parametrized:**
   - uvm_put_port #(command_s) command_port
   - uvm_get_port #(command_s) command_port
   - uvm_analysis_port #(command_s) ap
   - uvm_analysis_port #(result_s) ap

i) **The following classes include the implementation of the void write() method:**
- coverage
- scoreboard