

**MERCHANT MARINE ACADEMY OF MACEDONIA  
SCHOOL OF ENGINEERS**

**STUDENT'S FULL NAME:**

**STUDENT NUMBER:**

**GROUP:**

**Academic year: 2013-2014**

**Exam period: June**

**Date: 16/6/2014**

**Semester: D**

**Instructor's name: Dr M. Tsompanoglou**

**FINAL TEST in English (Retakes)**

**1. Choose the correct answer (15 points)**

1. The governor

a) injects the fuel   b) controls the amount of fuel injected to the engine   c) operates the fuel pumps

2. The element which causes oxidation to the engine is

a) silicon   b) carbon   c) sulphur

3. Change in the bearing geometry

a) will obstruct the oil film formation   b) will cause fouling   c) will trigger an alarm in the system.

4. Fuel consists mainly of carbon and

a) helium   b) lithium   c) hydrogen

5. Thick particles sink down in the

a) service tank   b) settling tank   c) buffer tank

6. The fuel needs heating when it is close to its

a) flash point   b) pour point   c) injection point

7. The VIT rack is connected to the:

a) governor   b) turbocharger   c) sump tank

8. Scuffing is

a) dust   b) soot   c) scraping

9. VIT is

a) Various included tuning   b) Variable injection tolerance   c) Variable injection timing

10. The plunger has a:

a) flange   b) insulation band   c) helix

**2. Fill in the gaps with the right word from the list. (20 points)**

screw, pressure, drain, through, gudgeon, speed, crankcase, in, led, filtered

The oil is taken from the \_\_\_\_\_(1) tank usually underneath the engine by a \_\_\_\_\_(2) type pump. It is cooled, \_\_\_\_\_(3) and supplied to the engine via the oil inlet pipe at a \_\_\_\_\_(4) of about 4 bar. On a medium \_\_\_\_\_(5) engine the oil is supplied \_\_\_\_\_(6) drillings in the engine frame to the crankshaft main bearings. Drillings \_\_\_\_\_(7) the crankshaft then take the oil to the crankpin bearing. The oil is then \_\_\_\_\_(8) up the connecting rod to the piston or \_\_\_\_\_(9) pin and from there to the piston cooling before returning to the \_\_\_\_\_(10).

**3. Complete the sentences with WHO, WHICH, WHOSE (10 points)**

What was the name of your friend \_\_\_\_\_tent we borrowed?  
You should choose the clothes \_\_\_\_\_suit your personality.  
I don't know the people \_\_\_\_\_ live there.  
The hotel \_\_\_\_\_caught fire has been rebuilt.  
My friend Jack \_\_\_\_\_parents live in Glasgow invited me to spend Christmas in Scotland.  
He is the kind of person \_\_\_\_\_loves an argument.  
She has a job \_\_\_\_\_most people would hate.  
Tony works for a company \_\_\_\_\_ makes fridges.  
My bike, \_\_\_\_\_I had left at the gate, had disappeared.  
The woman \_\_\_\_\_ lives next door is a dentist.

**4. Turn the following sentence into the Passive voice. (10 points)**

- a) The fuel vapors produce a flash.  
A flash.....
- b) We store the fuel in the bunkers.  
The fuel .....
- c) The piston compresses the air in the cylinder.  
The air .....
- d) You must regrind the fuel valve.  
The fuel valve .....
- e) The chief engineer disengaged the turning gear.  
The turning gear .....

**5. Complete the sentences in the passive voice, using the verbs in brackets (10 points)**

This room \_\_\_\_\_ now. (clean)  
The letters \_\_\_\_\_ by the postman at 8 every day. (deliver)  
The message \_\_\_\_\_ tomorrow. (send)  
Coats \_\_\_\_\_ in the cloakroom. (must leave)  
This bag \_\_\_\_\_ in the bus yesterday. (find)  
This dress \_\_\_\_\_ in hot water. (must not wash)  
This repair \_\_\_\_\_ in time if you didn't help me. (not finish)  
These problems \_\_\_\_\_ today. (cannot solve)  
Patients \_\_\_\_\_ well in that hospital. (not treat)  
This building \_\_\_\_\_ since the 1940s. (not reconstruct)

**6. Match the synonym words from column A with column B (15 points)**

Accumulate  
Calibrate  
Examine  
Remove  
Contaminate  
Purpose  
Excessive  
Condition  
Eventually  
Consequence

Finally  
Pollute  
Check  
Result  
State  
Measure  
Intention  
Gather  
Withdraw  
Extreme

**7. Write a report to the Superintendent of your company** describing an incident concerning a damage that occurred and the repairs you made. (100-150 words). **(15 points)**