

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

Academic year: 2011-2012

Semester: D

Instructors' names: Papadopoulou A- Ploumistou A

STUDENT'S FULL NAME:

Exam period: September

Duration: 2 hrs

A.F.M:

GRAMMAR AND VOCABULARY

1. Turn the following sentence into the Passive voice.(15 points)

- a) They don't sell sweets here
Sweets.....
- b) This attitude will test your patience.
Your patience.....
- c) Her students gave her a hard time
She.....
- d) That hospital doesn't treat patients very well
Patients.....
- e) Nobody told me about the strike
I
- f) Mary didn't send the letters
The letters.....
- g) We will tell you the outcome of the test.
You.....
- h) They didn't tell me the result.
I
- i) He bought a new car last month.
A new car.....
- j) We will post the letter tomorrow.
The letter.....

2. Complete the sentences with *who*, *which* or *whose* (5 points)

- a) The woman _____ lives next door is a dentist
- b) The hotel _____ caught fire has been rebuilt
- c) She has a job _____ most people would hate
- d) Tony works for a company _____ makes fridges
- e) My friend Jack _____ parents live in Glasgow, invited me to spend Christmas in Scotland
- f) He is the kind of person _____ loves an argument
- g) What was the name of your friend _____ tent we borrowed?
- h) You should choose the clothes _____ suit your personality
- i) I don't know the people _____ live there
- j) My bike, _____ I had left at the gate, had disappeared

3. Match one word from box A with one word from box B. Make compound words connected with air travel.(10 points)

Box A

Connecting	boarding	duty-free	cabin	metal	departure
check-in	excess	passport	baggage		

Box B

Control	claim	crew	flight	desk	shop	pass	baggage
board	detector						

- a)
- b)
- c)
- d) g).....
- e) h).....
- f) i).....
- j)

4. Fill in the blanks with prepositions (10 points)

- a) Flora's house is the third one _____ your left.
- b) Fuel is an important criterion _____ the choice of the engine.
- c) Water and heavy particles are separated _____ oil, during purification.
- d) The oil is drawn _____ the service tank in use _____ pumps.
- e) A by-pass must be fitted _____ viscosity regulator.
- f) The diesel oil passes through a centrifuge _____ purification.
- g) He left for Paris _____ the last flight.
- h) She always gets _____ work _____ taxi.

TERMINOLOGY

1) Put the correct word in the blanks (20 points)

accumulation, normal, principal, sparks, chambers, products, excessive, poor, cylinder, primary, gathering

- a) The _____(1) cause for the _____(2) of Diesel Engines is blow-by of combustion _____(3) through cylinders and scavenging ports into the scavenging air _____(4). Under _____(5) service conditions this fouling is only slight. If combustion is _____(6), however, there will be an _____(7) of viscous residues mixed with _____(8) oil. If there are _____(9) accumulations of such residues in the scavenging air chambers, occasional _____(10) may set them a fire.

Critical, wear, overlayer, exceeding, contaminated, acute, rate, could, content, corrosion, grade, system

- b) If the oil system becomes _____(1) with an amount of water _____(2) our limit O.2, _____(3) corrosive _____(4) of the crosshead bearing _____(5) may occur. The higher the water _____(6) the faster the wear _____(7). A water _____(8) higher than 1% _____(9) lead to _____(10) damage within a few days in operation.

2) Match the synonym words from column A with column B(10 points)

Purpose	Check
Excessive	Intention
Condition	Gather
Eventually	State
Consequence	Measure
Contaminate	Finally
Accumulate	Pollute
Calibrate	Result
Examine	Withdraw
Remove	extreme

3) Answer to the following questions (15 points)

a) What kind of valves are fitted on the service tanks (HO tanks)?

b) Name the causes of blow-by of combustion products

c) Which can be the counter measures against corrosion of the lube oil system?

d) Name the main parts of the fuel oil system of a typical marine diesel engine.

5) Write a report to the Superintendent of your company explaining and describing an incident concerning an unpredictable damage that occurred and the repairs you had to make to take control of the situation or an accident that happened to a crew member and the action taken. **(100-150 words).(15 points)**

