

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

**Course: Maritime English**  
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**FINAL EXAM**

**1. Fill in the gaps using the words below. There are two extra words. (15 p.)**

*coefficient load reference complete set portions wire slip*

*measuring maintain relief loss cooling fresh pitch extracted*

*radiant*

-- Pressure \_\_\_\_\_ valves should be provided with \_\_\_\_\_ mesh to prevent the release of flames in the engine room.

-- Propeller \_\_\_\_\_ is the displacement a propeller makes in a \_\_\_\_\_ revolution of 360 degrees.

-- \_\_\_\_\_ air refers to the flow of air that removes \_\_\_\_\_ heat from the engine.

-- Because the heat transfer \_\_\_\_\_ from water is much greater than from air, insulation must limit heat \_\_\_\_\_ to the water for the \_\_\_\_\_ of the hull that are below water level.

-- An oil mist detector consists of two tubes: the \_\_\_\_\_ tube and the \_\_\_\_\_ tube which has a connection for the oil mist \_\_\_\_\_ from the crankcase with the help of an electric extractor fan.

-- Once the speed of the engine has been \_\_\_\_\_, the role of the governor is to \_\_\_\_\_ that speed despite the variations in \_\_\_\_\_.

**2. Fill in the gaps using the words below. There are two extra words. (15 p.)**

*jacket fatal centrifugal relief dilution insulation viscosity auxiliary*

*pressure explosions temperature thrust device operating loaded density*

*leakage*

-- The crankcase \_\_\_\_\_ doors are spring-\_\_\_\_\_ valves which lift up in case there is any rise in \_\_\_\_\_ inside the crankcase.

-- The use of \_\_\_\_\_ on exhaust pipes, silencers and \_\_\_\_\_ water pipes can reduce the amount of heat radiated by \_\_\_\_\_ sources.

-- The principal control \_\_\_\_\_ on any engine is the governor which works on the principle of \_\_\_\_\_ force.

-- Crankcase \_\_\_\_\_, which are the result of high \_\_\_\_\_ temperatures, have been the cause of many \_\_\_\_\_ incidents.

-- Fuel \_\_\_\_\_ into the lubricating oil system will cause \_\_\_\_\_ of the lubricating oil with a consequent reduction in \_\_\_\_\_ and lubricating properties.

-- The \_\_\_\_\_ developed on the propeller is transmitted to the hull of the ship by the main shaft.

**3. Fill in the gaps with a word of your own choice. (20 p.)**

-- The presence of oil mist in the crankcase reduces the \_\_\_\_\_ point of the oil, allowing it to catch \_\_\_\_\_ in presence of a hot spot.

-- It is important to carry out routine \_\_\_\_\_ of the OMD to prevent \_\_\_\_\_ alarms.

-- The \_\_\_\_\_ governor is responsive to the air flow in the intake manifold of an engine.

-- You must keep the engines clean at all times and take steps to prevent \_\_\_\_\_ or fuel from accumulating in the bilges or in other areas to prevent \_\_\_\_\_ hazards.

-- Due to the \_\_\_\_\_ motion of the piston, the lubricating oil in the \_\_\_\_\_ is splashed in the air.

-- When fuel reaches the \_\_\_\_\_ system, it should be absolutely free of water and foreign matter.

**4. Complete the sentences with the appropriate form of the words in parentheses. (20 p.)**

-- The screw-type propeller is the \_\_\_\_\_ (**propel**) device used in almost all ships.

-- Depending on the \_\_\_\_\_ (**long**) of the shaft, there can be two or more shafts coupled by bolting \_\_\_\_\_ (**arrange**).

-- The main shaft is supported and held in \_\_\_\_\_ (**align**) by bearings.

-- \_\_\_\_\_ (**prevent**) measures should always be taken during bunkering.

-- When the temperature of steam falls below \_\_\_\_\_ (**permit**) limits, \_\_\_\_\_ (**condense**) takes place.

-- On \_\_\_\_\_ (**complete**) of the repair works, write a full \_\_\_\_\_ (**describe**) of the work done.

-- Before a \_\_\_\_\_ (**decide**) is made to ventilate a space, it is necessary to consider the \_\_\_\_\_ (**require**) of the cargo, the temperature and \_\_\_\_\_ (**humid**) within the holds and outside and the \_\_\_\_\_ (**present**) or not of sea spray.

-- You should fill in this \_\_\_\_\_ (**apply**) form and send it to the company.

-- The \_\_\_\_\_ (**sensitive**) of the oil mist detector should be checked on a regular basis.

-- International regulations try to reduce the \_\_\_\_\_ (**emit**) of ships' fuels.

-- The workers used a lot of \_\_\_\_\_ (**explode**) to demolish the old building.

-- If the \_\_\_\_\_ (**concentrate**) of oil mist in the measuring tube rises, the \_\_\_\_\_ (**intense**) of light reaching the photo-electric cell reduces.

-- The second engineer hasn't finished the report yet. He needs an \_\_\_\_\_ (**extend**).

**5. Write the opposites of the following words. (15 p.)**

-- attention

-- similar

-- include

-- equality

-- efficient

-- obey

-- manned

-- compose

-- balance

-- important

-- harmful

-- regular

-- equal

-- ingress

-- experienced

**6. Match the words to their definitions. There is one extra word. (15 p.)**

*effective range accumulate rupture momentum durable choke audible*

*reliable bulky counter chock impact ductwork inverse stationary*

the quantity of movement in a body \_\_\_\_\_

able to be heard \_\_\_\_\_

the total of all pipes or tubes \_\_\_\_\_

producing the desired result \_\_\_\_\_

having great size or mass \_\_\_\_\_

move or act in order to oppose \_\_\_\_\_

vary between limits \_\_\_\_\_

opposite esp. in order or position \_\_\_\_\_

cause to break or burst \_\_\_\_\_

standing still; not moving \_\_\_\_\_

clog \_\_\_\_\_

dependable \_\_\_\_\_

able to last, long-lasting \_\_\_\_\_

having a powerful influence on sth/smb \_\_\_\_\_

build up \_\_\_\_\_