

Merchant Marine Academy of Macedonia
School of Engineers
English Language
Semester: E
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NAME:
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Final Exam

A. Fill in the gaps with one of the words below. (20 points)

outlet viscosity film flyweight friction
crack distilled lubrication centrifuge governor

- The escaping gases are directed to a safe _____.
- The _____ system provides oil to the various moving parts of the engine. Its main function is to help the formation of a _____ of oil between the moving parts. This reduces _____ and wear.
- The principal control device of any engine is the _____.
- The cylinder oil _____ is relevant to the oil film thickness.
- Sudden cooling can _____ the cylinders.
- When topping off batteries, use _____ water.
- A _____ assembly is used to detect engine speed.
- A _____ cleans the lubricating oil in the system.

B. Fill in the gaps using the words below. (15 points)

tailshaft welding loads clockwise dry dock
boss pitch erosion thrust propulsion

- A propeller which turns _____ when viewed from aft is considered right-handed.
- Suitable electrodes should be used for _____ up cracks on a propeller blade.
- The propeller should be examined thoroughly when the ship is in _____.
- The transmission system includes the thrust shaft, one or more intermediate shafts and the _____.
- The construction of the thrust block must be strong enough to withstand normal and shock _____.
- The _____ from the propeller is transferred to the ship through the transmission system.
- The propeller consists of a _____ with several blades of helicoidal form attached to it.
- One of the consequences of propeller cavitation is _____ of the blade surface.
- The thrust block may be an integral part of the main _____ engine.
- Propeller _____ is the distance advanced by one complete rotation of the propeller if there is no slip.

--The _____ (transmit) system transmits power from the engine to the propeller.

--Holes can be repaired with a _____ (suit) resin filler.

E. Match the words in column A to their synonyms in column B (10 points)

A	B
supply	dirty
inspection	enough
basic	provision
sufficient	demand
lead to	main
foul	function
amount	deformation
require	quantity
operation	examination
distortion	cause

F. Choose one of the three topics and write a paragraph of about 100 words. (25 points)

- A. Discuss possible causes of excessive lube oil consumption
- B. What checks do you perform before starting an engine?
- C. What types of governors are there? What is their function?