

"هو العليم"

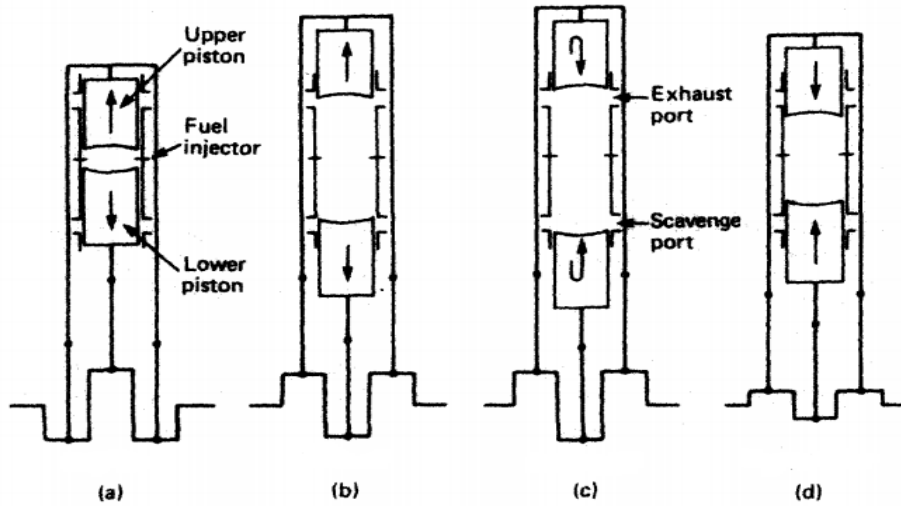
دانشکده فنی و حرفه ای محمودآباد

سوالات امتحان تکدرس _ شهریور ۱۴۰۱

نام و نام خانوادگی : شماره دانشجویی : شماره صدلی : تاریخ امتحان :

مدت امتحان	تعداد صفحات	تعداد سوالات	تعداد واحد	نام درس	رشته تحصیلی	نام مدرس	این قسمت توسط مدرس تکمیل می گردد
۷۰ دقیقه				زبان فنی ۲	مکانیک		
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۶	<p>The following texts translated into Persian. (a) and (b)</p> <p>a) Steam enters the turbine with a high energy content and leaves after giving up most of it. The high-pressure steam from the boiler is expanded in nozzles to create a high-velocity jet of steam. The nozzle acts to convert heat energy in the steam into kinetic energy. This jet is directed into blades mounted on the periphery of a wheel or disc.</p> <p>b) A boiler is used to heat feed water in order to produce steam. The energy released by the burning fuel in the boiler furnace is stored (as temperature and pressure) in the steam produced. All boilers have a furnace or combustion chamber where fuel is burnt to release its energy</p>						۱
۲	<p>Translate the following words</p> <p>TDC , opposed piston cycle, crankshaft , crosshead, connecting rod, turbo blower, camshaft.</p>						۲

Translate words figure below and then answer the questions.



- ١) What is this figure show?
 ٢) Write the process cycle in order:(a,b,c,d)

Fill vacancies with the right words?

١) A ship might reasonably be divided into three distinct areas:.....

- a) turbin, auxiliaries, engine b) the cargo, accommodation , machinery space
 c) impulse, reaction, compounding d) low_speed, medium_speed, high-speed

٢) The arrangement is made up of a ring of nozzles followed by a ring of blades.

- a) impulse, reaction b) impulse c) reaction d) none

٣) The term..... is used to describe a steam turbine unit made up of a high pressure and a low pressure turbine.

- a) impulse b) astern turbine c) reaction d) cross-compound

٤) The cycle is completed in two strokes of the piston or one Revolution (.....) of the crankshaft.

- a) two_stroke, ٣٦٠° b) four_stroke, ٧٢٠° c) two_stroke, ١٨٠° d) four_stroke, ٣٦٠°

٥) The is responsible for the various systems which propel and operate the ship.

- a) naval architect b) marine engineer c) a,b d) none

موفق باشيد.