



تعداد سوالات: تستی: ۵ تشریحی: ۱

زمان آزمون (دقیقه): تستی: ۰ تشریحی: ۱۲۰

سری سوال: یک

عنوان درس: زبان تخصصی

رشته تحصیلی/گد درس: مهندسی خودرو ۱۳۱۵۲۳۷

نمره ۲.۸۰

۱- بر اساس جدول زیر به سوالات پاسخ دهید.

Verb	Noun	Adjective	Adverb
vary	variation	various	variously
apply	application	applied	
waste	waste	waste	wastefully
operate	operation	operative	operatively

- a) of the temperature affects the crops.
 b) The new model produced in this car factory has a good
 c) Your words have no impression on him; you will you words talking to such a person
 d) To stop the car the brake pedal gently.

نمره ۲.۸۰

۲- با توجه به معنی، هر یک از کلمات ستون a را به کلمات ستون b مربوطه وصل کنید.

a	b
stationary	risk
help	diminish
hazard	come or go forward
skid	slide side ways or forward
advance	assist
make less	fixed

نمره ۲.۸۰

۳- جاهای خالی را با کلمات مناسب پر کنید.

excluded joints thread agriculture antifreeze perevent
 rotary raw

- a) It is prohibited to use tyre with worn
 b) Special-purpose vehicle are widely used in
 c) A good solution can be left in throught the summer.
 d) The aim of a university should be the of learing.
 e) Filters and Screens dirt in the fuel from intering the fuel pump or carburettor.
 f) Dust in from the petrol by a filter.



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نمره ۲۰۸۰

۴- با توجه به متون زیر، با سوالات زیر پاسخ دهید.

In multi- cylinder engines, the cylinders may have an in-line or a two-bank (V-type) arrangement. Another type of arrangement is seen In radial engines. In a four- cylinder in-line engine, the cylinders are arranged vertically in a straight line. The cylinders are numbered from front to back. In V-type engines the cylinders are arranged in two banks set at an angle to each other. V-type engines are more compact and less haevy than their in-line counter-part.

The radial engine which is largely used in aircraft, has the cylinders radiating from a common centre, like the spokes of a wheel. In a radial engine all connecting rods work to a common crankpin. These engines are air-cooled.

To complete normal operation of the internal combustion engine, in addition to the crank gear,it consist of a valve gear and for systems:cooling, lubricating,fuel, and ignition systems.

1- T or F ?

A) multi- cylinder radial engines have only one crank pin.....

B) In in-line engines the cylinders are numbered from back to front.....

2- a, b ,c, d ?

A) The right paragraph mainly talks about

a) four cyylinder engines

b) cylinder arrangment in multi cylinder engines

c) the advantage of V-type engines

d) the way the cylinder are numbered

B) What is cooling system in the radial engine?

a)water

b)air

c) oil

d) impeller

3-Answer the questions

A)What are the advantages of V-type engines?

B) What are the four systems which compelete the operation of internal combustion engines?0



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نمره ۲۰.۸۰

۵- با توجه به متون زیر، ترجمه فارسی آنها را بنویسید.

The engine of the early cars had only one cylinder and the tyres on the wheels were made of iron or of solid rubber. from that time ,motor-cars have been greatly in improved.

modern cars are very comfortable and travel very fast.

scientists and car-desingners are trying to improve the of internal combustion engines.

The efficiency of a gasoline engine is about 25% which is not still good.

Water pump. Forced circulation of the coolant in the cooling system is guaranteed by a centrifugal water pump. It comprises a body, shaft with impeller and seal assembly. The impeller centrifugal force pulls the coolant from the bottom tank to the center of the pump body and throws it outward. The water is then discharged to the cooling jacket of the cylinder block through the hole in the body wall.

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