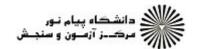
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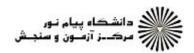


سری سوال: یک ۱	(دقیقه): تستی: ۶۰٪ تشریحی: ۶۰ ٪	۵ زمان آزمور	تعداد سوالات: تستى: 25٪ تشريحى:	
		نیک	عنـــوان درس: زبان تخصصی مکا	
مهندسی مکانیک گرایش مکانیک	ہندسی مکانیک گرایش ساخت و تولید،			
		18101-	جامدات۷ ــــــــــــــــــــــــــــــــــــ	
1-We can reduce Fr	iction by lubricating movin	g surfaces.		
1. Sliding	2. Rolling	^{3.} Static	^{4.} Limiting	
2-The coefficient of friction	n between two given surfa	aces is of the area i	n contact.	
1. dependent	^{2.} independent	^{3.} weight	^{4.} value	
3-One of the example for	a second kind levers is:			
1. Human forearm	^{2.} Crowbar	3. Pliers	^{4.} Wheelbarrow	
4-The plastic hammer is u	sed to avoid injuring the	surface of the mater	ial.	
1. Sheet	2. Finished	3. Cutting	^{4.} Chisel-shaped	
5 is used wherever	there is enough space to i	use a standard screwdrive	er.	
1. Stubby	^{2.} Ratchet	3. Offset	^{4.} Philips	
6-What shaped is a funne	l?			
1. Cone	^{2.} Cube	^{3.} Cylinder	^{4.} Sphere	
7-The entering students	10% of all students.			
1. consist of	2. constitute	^{3.} attend	^{4.} participate	
8-Nearly all energy comes	from, either in a ro	undabout way or straight	from it.	
1. Sun	^{2.} Moon	^{3.} Planet	^{4.} Earth	
9-Heat can travel through	a vacuum by			
1. conduction	2. convection	^{3.} radiation	^{4.} extraction	
10-Brass is an alloy which o	loes not have any			
1. carbon	^{2.} copper	3. iron	^{4.} concrete	
11 Pipes exist in the shape of tubes and coils.				
1. Copper	^{2.} Lead	3. Brass	^{4.} Zinc	
12-The rate of expansion of solids, liquids and gases				
1. depends	2. destroys	^{3.} differs	^{4.} inferiors	
13-At constant pressure, change of state of matter takes place at fixed temperature.				
1. sufficiently	2. occasionally	3. normally	^{4.} invariably	

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كارشناسي



سری سوال : یک ۱	ن (دقیقه): تستی: ۶۰٪ تشریحی: ۶۰٪	،: ۵ زمان آزمور	تعداد سوالات: تستى: 25٪ تشريحي	
		کانیک	عنـــوان درس: زبان تخصصي ما	
،، مهندسی مکانیک گرایش مکانیک	هندسی مکانیک گرایش ساخت و تولید	ی مکانیک گرایش حرارت و سیالات، م	رشته تحصیلی/کد درس: مهندس _ې	
		18101-40	جامدات	
14-The gas which supports of	combustion is known as			
1. Oxygen	2. Nitrogen	3. Chlorine	^{4.} Carbon dioxide	
15-The milky liquid obtained	d from rubber trees is kno	wn as		
1. Copper	2. Acid	^{3.} Volcano	^{4.} Latex	
16-Stainless steel contains of	hromium, which makes th	ne steel		
1. Smooth		2. Shiny		
3. Corrosion-resistant		^{4.} Lubricant		
17-A sound cannot exist wit	hout			
1. A current	^{2.} A vacuum	3. Movement	^{4.} Gravity	
18-Moped is an abbreviatio	n of:			
1. Motor Power Design		2. Motor Assisted Pedal Cycle		
3. Motor Power Cycle		4. Motor Power Ejected Design		
19-What is desired of spring higher loads.	s is that they should be ve	ery at low loads and	become at	
 Oscillating, harder 		^{2.} Stiffer, yielding		
3. Yielding, stiffer		4. Hardening, Oscillating	5	
20-Compartments means:				
1. Sections	2. Segments	3. Parts	^{4.} Enclosed	
21-Air humidity is:				
1. The air content of the vapour		2. The water vapour cor	ntent of the air	
^{3.} The air content of the	water	^{4.} Options a, b and c		
22-Natural convection occur	rs because of the of	the flow.		
 Radiation 		2. Increment density		
3. Reduction in density		4. Conduction		
23-"Gate valve" means:				
1. Sluice valve	^{2.} Globe valve	^{3.} Butterfly valve	^{4.} Float valve	
24-"Water tap" means:				
1. Pivot	^{2.} Faucet	3. Slot	^{4.} Detent	



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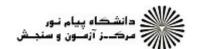
5.

A hexagon has sides.

سری سوال: یک ۱ زمان آزمون (دقیقه): تستی: ۶۰ تشریحی: ۶۰ تعداد سوالات: تستى: ٢٥ تشريحي: ٥ عنــوان درس: زبان تخصصي مكانيك **رشته تحصیلی/کد درس:**مهندسی مکانیک گرایش حرارت و سیالات، مهندسی مکانیک گرایش ساخت و تولید، مهندسی مکانیک گرایش مکانیک حامدات ۱۳۱۵۱۰۷ 25-When a liquid solidifies on cooling, it is said to 1. Liquefy 2. Vaporize 3. Freeze 4. Condense سوالات تشريحي نمره ۱،۴۰ 26-Translate the following passage into Farsi: Various kinds of devices, known as stabilizers, have been developed for the purpose of reducing the rolling motion of ships. In general these devices are of the "passive" or of the "active" type. The action of a passive stabilizer is initiated by the rolling itself. Such a device responds to the motion and takes corrective action. 27-Complete these sentences with nouns formed from the verb given in brackets. نمره ۱،۴۰ The and of water can be observed in everyday life. (evaporate, condense) Contraction causes a in the volume of the solid, and when it expands, it In volume. (decrease, increase) The of droplets. (form) The in state. (differ) 4. 5. The Of calcium compound makes water hard. (contain) 28-Answer or complete these questions: نمره ۱،۴۰ What shape is the cross-section of a cone? 1. 2. What shaped is a ball? What shape is the longitudinal section of a cylinder? 3. A shaped with one curved line and one straight line is called 4.

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كارشناسي



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سرى سوال: يك ١ زمان آزمون (دقیقه): تستی: ۶۰ تشریحی: ۶۰ تعداد سوالات: تستى: 25 تشريحي: ۵

عنـــوان درس: زبان تخصصي مكانيك

نیک	دسی مکانیک گرایش مکا	ک گرایش ساخت و تولید، مهن	ههندسی مکانیک گرایش حرارت و سیالات، مهندسی مکانید جامدات۱۳۱۵۱۰۷	رشته تحصیلی/کد درس
29- Fill	the blanks with a	ppropriate words fro	em the list.	نمره ۱،۴۰
hea	· ·	military	fitted	<u></u>
Cut	ting	development	fulcrum	
inst	alled	machining	power plant	
1. A	wide variety of	Operation	ons can be performed on the lathe.	
2. T	he mash hammer	r is used for driving c	hisels when Stone.	
3. A	hinge is a	•••••		
4. A	Penton wheel is	used in cases where	large of water are available.	
			sy regarding who or what nation should he ssful turbojet engine.	nave
30- Ma	th the expression	in column A with the	eir appropriate equivalent in column B.	نمره ۱،۴۰
Col	umn A	Column B		
1.	Emerging	a. a liquid	or a gas	
2.	Air screw	b. region,	area	
3.	Propel	c. to drive	or push forward	
4.	Fluid	d. co	oming out	
5.	Ripe	e. pr	opeller	