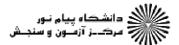
٠٨:٠٠



سری سوال: یک ۱

زمان آزمون (دقیقه): تستی: ۶۰ تشریحی: ۶۰

تعداد سوالات: تستى: 20 تشريحي: ۵

منسوان درس: زبان تخصصی،زبان تخصصی برق

رشته تحصیلی/کد درس:مهندسی برق - گرایش مخابرات، مهندسی برق - گرایش الکترونیک، مهندسی برق - گرایش قدرت، مهندسی برق - گرایش ،کنترل ۱۳۱۹۰۲۴ - ، مهندسی برق - گرایش الکترونیک، مهندسی برق - گرایش کنترل، مهندسی برق - گرایش مخابرات

1-The energy of water n	nay be converted to wor	k by hydraulic	
1. grids	^{2.} turbines	3. boilers	4. towers
	ol systems, it is practical ecting the of the s	to first design the controll	er based on the line
1. linear	^{2.} linearities	3. nonlinear	^{4.} nonlinearit
3-Pure water is heated i	n the to produce s	steam at high pressure and	l high temperature.
1. cooling towers	^{2.} condensers	3. boilers	4. exchangers
4-The voltage ser circuit or feeder as its		g voltage within a predete	rmined range on th
1. comparator	2. regulator	3. compensator	4. distributor
5-A surge arrester	. the voltage surge to gro	ound before it can do dama	age to the transforn
1. recloses	2. drains	3. breaks	^{4.} meters
6-At the transformer, th values from higher pri		being delivered is reduced	to the voltag
 utilization 	2. insulation	^{3.} overload	^{4.} overdrive
	composed of individual and diodes, connected by	electronic, such as r y wires.	esistors, transistors
1. constructs	^{2.} conductors	3. convertors	^{4.} componen
		to correspond to the infe	rmation being
8-A/an is continu represented.	ous and varies with time	e to correspond to the info	
-	ous and varies with time 2. analog signal	3. digital device	^{4.} analog dev
represented. 1. digital signal	^{2.} analog signal	·	· ·
represented. 1. digital signal	^{2.} analog signal	3. digital device	· ·
represented. 1. digital signal 9-The word diode 1. derive	2. analog signalanalog signalanalog signalbrivedrive	3. digital device levice has two (di) electrod	des (ode). 4. is driven
represented. 1. digital signal 9-The word diode 1. derive 0-The junction diode	2. analog signalanalog signalanalog signalbrivedrive	 digital device levice has two (di) electrod is derived 	4. is driven

پیام نورنا - دانلود رایگان نمونه سوالات پیام نور + پاسخنامه

تعداد سوالات: تستى: 20 تشريحي: ٥

رشته تحصیلی/کد درس: مهندسی برق - گرایش مخابرات، مهندسی برق - گرایش الکترونیک، مهندسی برق - گرایش قدرت، مهندسی برق - گرایش

،کنترل ۱۳۱۹۰۲۴ - ، مهندسی برق - گرایش الکترونیک، مهندسی برق - گرایش کنترل، مهندسی برق - گرایش مخابرات مهندسی برق - گرایش قدرت ۱۳۱۹۱۴۳ - ، مهندسی رباتیک۱۵۱۱۰۶۷					
11-The noise originating from the sun is termed noise.					
1. solar	2. cosmic	^{3.} thermal	4. shot		
12-A bipolar transisto with three alternat	r has two P-N and is c	reated by a single	piece of semiconductor		
1. junctions – depleting		2. polarities – doping			
3. depletion – connecting		4. junctions – doping			
semiconductor reg	transistor will provide ions and the three transisto	r	n among the three		
1. a means – terminals		2. means – holes			
3. a meaning – pads		4. meanings – leads			
14-A heat sink o	on a transistor can help	any heat generated by t	the transistor.		
 depleted – pass installed – build up 		2. mounted – conduct away			
		4. soldered - block			
15-Predictable disturb	ances can always be	within the system.			
1. fed back	V	^{2.} generated in			
^{3.} compensated fo	3. compensated for		^{4.} compared with		
	ystems are often referred to ntrol and closed loop contro	· · · · · · · · · · · · · · · · · · ·	ystems. Therefore, the		
1. adversely	^{2.} interchangeably	^{3.} automatically	 adaptively 		
17-In a closed-loop co the feedback signa	ntrol system, the sigr	nal is the difference betwo	een the input signal and		
1. _{linear}	^{2.} variable	^{3.} desired	^{4.} error		
18- A control s	ystem is one whose parame	eters do not vary with tim	ie.		
1. time - invariant		^{2.} time - variant			
^{3.} time-variability		^{4.} time - invariabilit	ty		
	ntenna converts its input ele	ectrical energy into electro	omagnetic energy. The		

1010/101044700

4. transceiver

1. transponder

^{2.} transmitter

3. transducer

٠٨:٠٠



سری سوال: یک ۱

زمان آزمون (دقیقه): تستی: ۶۰ تشریحی: ۶۰

تعداد سوالات: تستى: 20 تشريحي: ۵

عنـــوان درس: زبان تخصصي،زبان تخصصي برق

رشته تحصیلی / کد درس: مهندسی برق - گرایش مخابرات، مهندسی برق - گرایش الکترونیک، مهندسی برق - گرایش قدرت، مهندسی برق - گرایش مخابرات ، کنترل ۱۳۱۹۰۲۴ - ، مهندسی برق - گرایش الکترونیک، مهندسی برق - گرایش کنترل، مهندسی برق - گرایش مخابرات می ۱۳۵۸ در ۱۳۰۸ مهندسی برق - گرایش مخابرات می ۱۳۵۸ در ۱۳۰۸ در ۱۳۰۸

مهندسی برق - گرایش قدرت ۱۳۱۹۱۴۳ - ، مهندسی رباتیک۱۵۱۱۰۶۷

- 20-The transmitted signal is during transmission, therefore it should be amplified in the receiving unit.
 - 1. detected
- 2. propagated
- 3. demodulated
- 4. attenuated

سوالات تشريحي

21-

(پاراگراف های زیر را به فارسی روان ترجمه کنید)

مره ۱،۴۰

Translate the following paragraphs into Farsi:

In many of the distribution system arrangements, some of the several elements between the generating plant and the consumer may not be necessary. In a relatively small area, such as a small town, that is served by a power plant situated in or very near the service area, the distribution feeder may emanate directly from the power plant bus, and all

- 22-Some systems are designed specifically to manage the flow of power and therefore are only electrical, while other systems are designed to manage both power and information. For example a television contains both electrical components and circuits that manage the flow of electrical power from the wall outlet and also electronic components and circuits that manage the flow of information or TV signals from the antenna or cable.
- نمره ۱،۴۰

- 23-Transmission of the modulated signal can take place by any one of propagation: antennas, waveguides, optical fibers, or transmission lines. The receiving unit of the system picks up the transmitted signal but must re-amplify it to compensate for attenuation that occurred during transmission.
- <u>نمره ۱،۴۰</u>
- 24-Digital communication systems represent information, irrespective of its type or origin, by a discrete set of allowed symbols. The amount of information conveyed by each symbol is closely related to its selection probability.
- نمره ۱،۴۰
- 25-In a feedback control system, the actuating error signal is fed to the controller so as to reduce the error and bring the output of the system to a desired value. However, in an open-loop control system the output has no effect on the control action.
- مره ۱،۴۰

W :1 W 4~6.0

= نیمسال دوم ۹۵-۱۳۹۴ ==

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