

کار شناسی

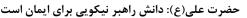




تعداد سوالات: تستى: ١٥ تشريحي: ٧ سری سوال: یک ۱ زمان آزمون (دقيقه): تستى: ٥٠ تشريحي: ٤٠ **ـوان درس:** زبان تخصصی **رشته تحصیلی/کد درس:**مهندسی برق - گرایش الکترونیک، مهندسی برق - گرایش قدرت، مهندسی برق - گرایش کنترل، مهندسی برق - گرایش مخابرات ۱۳۱۹۰۲۴ - ، مهندسی رباتیک ۱۵۱۱۰۶۷ 1-The electricity has great to the efficiency of the machine. 1. Significance 2. Circuit 3. Equipment 4. Compact 2-The organization has been for 25 years. 2. Equipment 3. Involved 4. Outlet **1.** Appreciation 3-Electronics, radio, and television are practical applications of the general principles of 2. electronic 3. electronics 4. electrify 1. electrical 4-The engine was by Ferrari V12. 3. Powering 1. Power 2. Powered 4. Powerfully 5-There is a Tower at an airport from which they direct the movement of an aircraft on the ground and in the air. 1. Control 2. Controlled 3. Controllable 4. Controls 6-It is a device that is used for the of analog into digital system. 2. converted 3. convertible 4. Conversion 1. Converter 7-Accuracy is often expressed as a percentage of the quantity being **1.** measuring 2. measure 3. measurably 4. measured 8-"electrode of a transistor which collects charge carriers" is called 1. bipolar transistor 2. collector 3. emitter 4. bias 9-Depending on their structure, JFETs fall into either of two categories, n channel and p channel. 3. groups 1. collectors 2. pictures 4. connections 10-"size of a wave at any given time" is called ... 2. filter circuits 3. terminal 4. noise **1.** amplitude 11-"the state of having either a positive or negative electric charge" is called 1. polarity 2. differential amplifier 4. common-mode 3. floating signal



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سری سوال: یک ۱ زمان آزمون (دقيقه): تستى: ۵۰ تشريحي: ۴۰ تعداد سوالات: تستى: ١٥ تشريحي: ٧ **ــوان درس:** زبان تخصصي **رشته تحصیلی/کد درس:**مهندسی برق - گرایش الکترونیک، مهندسی برق - گرایش قدرت، مهندسی برق - گرایش کنترل، مهندسی برق - گرایش مخابرات ۱۳۱۹۰۲۴ - ، مهندسی رباتیک ۱۵۱۱۰۶۷ 12-"any unwanted input signal; interference" is called ... 1. Terminal 2. Noise 3. Polarity 4. Differential amplifier 13-"the algebra of binary variables" is called ... 1. FLIP-FLOP 2. EXCLUSIVE-OR gate 3. Bubble 4. Boolean algebra 14-"a logic circuit whose output is 1 if and only if all its inputs are 1" is called ... 4. OR gate 1. NOT gate 2. AND gate 3. NADN gate 15-"basic part of a circuit" is called 2. base 1. component 3. bipolar transistor epitaxy سوالات تشريحي 16-Binary variables can be represented by a letter symbol such as A, B, X, Y, The variable ۱،۰۰ ن<u>مره</u> theorems are given in Table 10-8. 17-Current is measured by passing the current through a low-resistance resistor and نمره ۱٬۰۰ measuring the voltage drop across it. 18-There are three basic, linear analog circuit components: the resistor (R), capacitor (C), and inductor (L). 19-The field-effect transistor (FET) is a three-terminal device used for a variety of <u>نمر</u>ه ۱،۰۰ applications that match, to a large extent, those of the BJT transistor. 20-Not only is silicon less temperature sensitive, but also it is one of the most abundant materials on earth, removing any concerns about availability. 21-The satellite just happens to be orbiting around the earth at a height of above 35500 Km in order to have a tremendous field of view. 22-The programmability makes it easy to change designs or modify values in any given circuit or system at any time.