



تعداد سوالات: تستی: ۳۰ تشریحی: ۰

زمان آزمون (دقیقه): تستی: ۶۰ تشریحی: ۰

سری سوال: یک ۱

عنوان درس: زبان تخصصی

رشته تحصیلی/کد درس: مهندسی صنایع، مهندسی صنایع (چندبخشی) ۱۲۱۲۱۶۲

1-The majority of problems facing the industrial engineer involve technical, economic , and ..... problems.

1. simple                      2. second                      3. social                      4. sending

2-Behavioral management based its knowledge and conclusions on the finding of ..... and sociology.

1. Terminology                      2. Psychology                      3. Technology                      4. Management

3-Another frequently used procedure of establishing an industrial engineering staff is the ..... of a senior executive to a newly created position of manager of industrial engineering function.

1. allocating                      2. Emerging                      3. appointment                      4. improvement

4-Systematic layout planning is equally ..... To office, laboratory, service, warehouse, or manufacturing operations.

1. Acquired                      2. Applicable                      3. Determined                      4. Facilitate

5-The layout problem is surprisingly large and complex when considered mathematically and involve millions of layout alternatives. This explains why intuitive and ..... approaches have been widely used.

1. heuristic                      2. Mathematic                      3. dedicated                      4. schematic

6-in a two-bin system, when the second location starts to be used, that is the ..... To reorder material.

1. reason                      2. Notation                      3. Procedure                      4. Trigger

7-A time horizon in MRP is composed of equal time .....called "time buckets".

1. priorities                      2. Periods                      3. Horizons                      4. Schedules

8-Capacity planning is performed at various stages with different degrees of ..... .

1. exactness                      2. Commodity                      3. Actuality                      4. Integration

9-a/an ..... System is one having structure without activity, as exemplified by a bridge.

1. digital                      2. Constant                      3. Statistical                      4. Static

10-examples of environmental factors are population, economic growth, and shift in consumer needs and .....

1. marletplaces                      2. preferences                      3. processes                      4. inputs

11-Some machines require service at randomly ..... times.

1. distributing                      2. Distribution                      3. Distributed                      4. Distribute



تعداد سوالات: تستی: ۳۰ تشریحی: ۰

زمان آزمون (دقیقه): تستی: ۶۰ تشریحی: ۰

سری سوال: یک ۱

عنوان درس: زبان تخصصی

رشته تحصیلی/کد درس: مهندسی صنایع، مهندسی صنایع (چندبخشی) ۱۲۱۲۱۶۲

12-A 'turning center' or a '..... center' dose not correspond to the definition of 'center' stated in dictionary.

1. machine                      2. machining                      3. machined                      4. machines

13-The ..... Of flexible manufacturing systems to industry may not be more appropriate if the part family is large.

1. dedication                      2. dedicated                      3. dedicates                      4. dedicating

14-Strategic ..... are concerned with internal and external problems of the firm.

1. decide                      2. decisions                      3. decided                      4. deciding

15-the process of documenting a model and its uses is called .....

1. documented                      2. documentation                      3. document                      4. documenting

*Fill in the blanks with the most appropriate word.*

The modern industrial engineer is no longer confined to industry. While the ....A.....of the activity was from industry and much of the early work was done in industry, this is no longer a limitation, so student or ...B.... Who are no longer motivated to an industrial ...C... in the strict sense of the term need not look with .....D..... on industrial engineering as a limited field to be practiced only in the industrial and ...E... industries.

16-A:

1. Genesis                      2. Politics                      3. Approximate                      4. Order

17-B:

1. statements                      2. Parameters                      3. methodologies                      4. practitioners

18-C:

1. Vacation                      2. Career                      3. Adjustment                      4. behavior

19-D:

1. Dismay                      2. Seeking                      3. Logical                      4. Supplement

20-E:

1. Manufacturing                      2. Multiple                      3. Management                      4. galactic



تعداد سوالات: تستی: ۳۰ تشریحی: ۰

زمان آزمون (دقیقه): تستی: ۶۰ تشریحی: ۰

سری سوال: یک ۱

عنوان درس: زبان تخصصی

رشته تحصیلی/کد درس: مهندسی صنایع، مهندسی صنایع (چندبخشی) ۱۲۱۲۱۶۲

*Fill in the blanks with the most appropriate word.*

Why use models? There are many conceivable reasons why one might prefer to ....F... with a substitute for a "real thing" rather than with the thing itself. Often the motivation is economic to save money, time or some valuable ...G..... . Sometimes it is to avoid risks associated with the ...H..... of a real object. Sometime the real environment is so complicated that a/an .....I..... model is needed just to understand it or to communicate with others about it. Such models are quiet .....J..... in the life sciences, the physical sciences, and engineering.

21-F:

- |          |         |          |            |
|----------|---------|----------|------------|
| 1. Solve | 2. deal | 3. apply | 4. confuse |
|----------|---------|----------|------------|

22-G:

- |             |                |              |             |
|-------------|----------------|--------------|-------------|
| 1. solution | 2. preliminary | 3. commodity | 4. sequence |
|-------------|----------------|--------------|-------------|

23-H:

- |               |               |               |              |
|---------------|---------------|---------------|--------------|
| 1. performing | 2. optimizing | 3. Collecting | 4. tampering |
|---------------|---------------|---------------|--------------|

24-I:

- |         |              |               |                   |
|---------|--------------|---------------|-------------------|
| 1. real | 2. objective | 3. derivative | 4. representative |
|---------|--------------|---------------|-------------------|

25-J:

- |           |              |              |             |
|-----------|--------------|--------------|-------------|
| 1. simple | 2. prevalent | 3. suggested | 4. specific |
|-----------|--------------|--------------|-------------|

**Find the best Persian equivalent of the following terms:**

26-Remuneration:

- |                   |                    |                   |                |
|-------------------|--------------------|-------------------|----------------|
| 1. سیستم ارزشیابی | 2. سیستم پاداش دهی | 3. سیستم استخدامی | 4. سیستم توزیع |
|-------------------|--------------------|-------------------|----------------|

27-commonality:

- |          |           |          |           |
|----------|-----------|----------|-----------|
| 1. تبعیت | 2. مشارکت | 3. تشابه | 4. معمولی |
|----------|-----------|----------|-----------|

28-fluctuation:

- |          |           |          |           |
|----------|-----------|----------|-----------|
| 1. توالی | 2. گسستگی | 3. نوسان | 4. انفجار |
|----------|-----------|----------|-----------|

سری سوال : یک ۱

زمان آزمون (دقیقه): تستی : ۶۰ تشریحی : ۰

تعداد سوالات : تستی : ۳۰ تشریحی : ۰

عنوان درس : زبان تخصصی

رشته تحصیلی / کد درس : مهندسی صنایع، مهندسی صنایع (چندبخشی) ۱۲۱۲۱۶۲

29-segmenting:

- |                 |          |             |           |
|-----------------|----------|-------------|-----------|
| 1. یکپارچه سازی | 2. توزیع | 3. بخش بندی | 4. انبارش |
|-----------------|----------|-------------|-----------|

30-reciprocal

- |            |            |           |               |
|------------|------------|-----------|---------------|
| 1. دو طرفه | 2. گوناگون | 3. فراگیر | 4. قابل پذیرش |
|------------|------------|-----------|---------------|