



سری سوال: یک ۱

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

تعداد سوالات: تستی: ۳۰ تشریحی: ۰

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عنوان درس: زبان تخصصی

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

Choose 1, 2, 3 or 4 which best completes each item.

1-A layout engineer maythe schedule required for production planning and control.

1. visibility 2. visual 3. visualization 4. visualize

2-an example for 'robbing peter to pay paul' is 'he.....

1. Payed one debt by making another
2. Insisted peter to pay his debt to paul
3. Took property from peter unlawfully
4. Insisted paul to take back his debt from peter



3-It is theof discipline and the utilization of knowledge that characterize the role of industrial engineering in an organization.

1. implementation 2. reportation 3. conducted 4. primarily

4-in calculus, to determine whether thepoint is a maximum or minimum, the second derivative is taken.

1. optimizing 2. optimization 3. optimize 4. optimum

5-the final processing stage of optimization study of polymer plant consists of, which provides bulk loading, packaging into boxes and .packaging into sacks

1. capacity 2. packaging
3. Assumption 4. Limited expansion

6-as in all facets of systems analysis and design, this sequence of steps is highlyand does not proceed in a single, sequential fashion.

1. staggering 2. conceived 3. iterative 4. organized

7-the processing workstationspressworking operations such as punching, shearing, and certain bending and forming process.

1. made of 2. accomodation 3. instead of 4. consist of

8- Holding summarized or transaction data either temporarily or permanently is referred to

1. sorting 2. classifying 3. storing 4. calculating

9-the directorsa fall in the organizational demand.

1. retrieve 2. decide 3. Conclude 4. anticipate



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10-if a system can be characterized by a set of variables, thenof the variable values simulates movement of the system from state to state.

1. manipulation 2. description 3. Demonstration 4. representation

11-Ashould provide guidance for a planning activity.

1. Manufacturing 2. Manufactured 3. Manufacturer 4. Manufacture

12-The longer the planning horizon, the higher the uncertainty, and the more.....the decisions.

1. Custom-tailored 2. Improved
3. Structured 4. suspect

Fill in the blank with the appropriate words:

The functions performed by the FMS computer control system can be grouped into the following categories: 1. Control of each workstation: in a/an ...(a).....automated FMS, the individual processing or assembly stations generally operate under some form of computer control. 2. Distribution of control instructions to workstations: some form of central...(b) Is also required to coordinate the processing at the individual stations.in a machining FMS, part programs must be...(c)... to the machines. The system stores the programs, allows ...(d)...and editing the programs as needed. 3. Production control: this function ...(e).....decisions on part mix and rate of input of the various parts on to the system.

13-(a)

1. concern 2. fully 3. zone 4. includes

14-(b)

1. flexible 2. intelligence 3. functions 4. generate

15-(c)

1. downloaded 2. rapidly 3. Analysts 4. mathematics

16-(d)

1. available 2. generate 3. entering 4. compared

17-(e)

1. flexible 2. includes 3. Models 4. applied

In this part, you are asked to find appropriate Persian equivalents for given English terms and expressions, and to find appropriate English equivalents for given Persian terms and expressions. For Each question, choose 1, 2, 3 or 4 which corresponds your answer and mark it on your answer sheet.

18-Legislator

- | | | | |
|----------|------------|---------------|---------------|
| 1. تکامل | 2. تدارکات | 3. نیروی محرک | 4. قانون گذار |
|----------|------------|---------------|---------------|

19-Reciprocal control

- | | |
|-----------------|---------------------|
| 1. کنترل واکنشی | 2. کنترل دوجانبه |
| 3. کنترل حساسیت | 4. کنترل غیر تکراری |

20-Eyeballing

- | | | | |
|----------------|----------|---------|---------|
| 1. عقب افتادگی | 2. محسوس | 3. نگاه | 4. مدور |
|----------------|----------|---------|---------|

21-Recruit

- | | | | |
|-----------|------------|------------|-----------|
| 1. کارمند | 2. بازیابی | 3. استخدام | 4. تصادفی |
|-----------|------------|------------|-----------|

22-Propulsion

- | | | | |
|---------|---------------|-----------|--------------|
| 1. رانش | 2. نمونه اصلی | 3. فراگیر | 4. حمل و نقل |
|---------|---------------|-----------|--------------|

23-همزمان

- | | | | |
|-----------------|-----------------|-----------|----------------|
| 1. Contractores | 2. Concurrently | 3. Facets | 4. Combination |
|-----------------|-----------------|-----------|----------------|

24-ترکیب کردن

- | | | | |
|-----------|--------------|---------------|---------------|
| 1. Supply | 2. Recipient | 3. Components | 4. Synthesize |
|-----------|--------------|---------------|---------------|

25-نوسان

- | | | | |
|----------------|-------------|--------------|---------|
| 1. Fluctuation | 2. Discrete | 3. Extrusion | 4. Bulk |
|----------------|-------------|--------------|---------|

26-مسیر یابی

- | | | | |
|-------------|-------------|-------------|------------|
| 1. stuffing | 2. Purchase | 3. Dispatch | 4. routing |
|-------------|-------------|-------------|------------|





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Read the following text and answer the questions.

Most projects are designed for a limited lifetime. The usual life cycle is characterized by an early buildup of resources and a cutting back as project termination approaches. A special project is used for unique . one-time production. It applies to a wide range of manufacturing and services situations.

Program evaluation and review techniques(PERT) is the most popular type of network programming for planning, scheduling, and controlling complex projects. Two basic types of PERT are PERT/TIME and PERT/COST . on any given project, two significant variables are time and resources such as personnel, equipment and funds. The pert procedure requires the decision maker to develop the network, determine activity times, establish the critical path and make network revisions.

27- The major types of PERT are

- | | | | |
|------------|--------------|--------------|-----------------|
| 1. R and D | 2. PERT/COST | 3. PERT/TIME | 4. Both 2 and 3 |
|------------|--------------|--------------|-----------------|

28- A special project is used for Production.

- | | |
|--------------------------|--------------|
| 1. Repetitive | 2. Variable |
| 3. Unique and one – time | 4. Unlimited |

29- On any given project of PERT, the significant resources include..... .

- | | | | |
|----------|--------------|--------------|---------------------|
| 1. Funds | 2. Personnel | 3. Equipment | 4. All of the above |
|----------|--------------|--------------|---------------------|

30- a PERT procedure requires the decision maker

- | | |
|------------------------------|-------------------------|
| 1. To make network revisions | 2. To Estimate costs |
| 3. To Evaluate the program | 4. To utilize resources |



سلامتی و تعجیل در فرج آقا امام زمان (عج) صلوات

وضعیت کلید	پاسخ صحیح	شماره سوال
عادی	ج	۱۶
عادی	ب	۱۷
عادی	د	۱۸
عادی	ب	۱۹
عادی	ج	۲۰
عادی	ج	۲۱
عادی	الف	۲۲
عادی	ب	۲۳
عادی	د	۲۴
عادی	الف	۲۵
عادی	د	۲۶
عادی	د	۲۷
عادی	ج	۲۸
عادی	د	۲۹
عادی	الف	۳۰

وضعیت کلید	پاسخ صحیح	شماره سوال
عادی	د	۱
عادی	الف	۲
عادی	الف	۳
عادی	د	۴
عادی	ب	۵
عادی	ج	۶
عادی	د	۷
عادی	ج	۸
عادی	د	۹
عادی	الف	۱۰
عادی	ج	۱۱
عادی	د	۱۲
عادی	ب	۱۳
عادی	ب	۱۴
عادی	الف	۱۵

