



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

1- There are existing organizational rules,.....,and practices that reflect design philosophies of the past.

1. procedures                      2. compensations                      3. inflations                      4. satisfactions

**Read the following text, and then answer the questions.**

The purpose of all optimization studies is not always trying to determine the "true optimum" operation of the system. In practice, some of the primary benefits are associated with understanding the system under study and describing it quantitatively in terms of tables, graphs, computer, or mathematical equations. Such a quantitative description by itself may suggest areas of improved operation and possible bottlenecks in the system. An optimization study may identify important variables in the system, (both controllable and uncontrollable) and suggest ways to handle these variables effectively. It may also pinpoint areas where a better understanding of the system may be required.

The most permanent contribution of an optimization study may well be qualitative rather than quantitative. Often one may be able to identify the problem without any numerical calculation, and this may provide insight into the nature of decision to be made.

2- "true optimum" in first line means.....

1. an unfeasible solution                      2. point out the solution  
3. the best answer                      4. all answer can solve the question

3- The contribution of an optimization study .....

1. always is qualitative                      2. always is quantitative  
3. may be qualitative or quantitative                      4. all of the above

4- In practice, some of the primary benefits of an optimization study are associated with .....

1. tables                      2. graphs  
3. computer                      4. understanding the system under study

5- An optimization study may suggest ways to..... effectively.

1. Make the best variable                      2. handle system variables  
3. solve the question                      4. solve the answer

6- the quantitative description of system by itself may suggest .....

1. bottlenecks in the system                      2. further research  
3. solve Any problem in the system                      4. All of the above



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Read the following text and then answer the questions.

Systematic Layout Planning (SLP) is equally ....(6) ... to office, laboratory, service, warehouse, or ..... (7)..... operations. It is also equally applicable to monitor and major rearrangements, to .....(8).....or new building, or to new plant site planning.

SLP consists a framework of .....(9)....., a pattern of SLP procedures, and a set of .....(10)...

7-What is the most appropriate word to complete blank 6?

1. applicable                      2. applying                      3. making                      4. combining

8-What is the most appropriate word to complete blank 7?

1. operating                      2. making                      3. manufacturing                      4. Planning

9-What is the most appropriate word to complete blank 8?

1. containing                      2. making                      3. existing                      4. Combining

10-What is the most appropriate word to complete blank 10?

1. overlap                      2. new site                      3. conventions                      4. Layout planner

11-Organizational design consists of three activities, one of wich is creative and.....,and the other two of which are analytic.

1. reflective                      2. inventive                      3. alternative                      4. preventive

12-A good layout must be ..... .

1. A changing layout                      2. A permanent layout  
3. An inexpensive layout                      4. a non-problematic layout

13-Each phase of a layout has to be ..... before it is presented for approval.

1. Checked                      2. Ignored                      3. Overlooked                      4. disagreed

14-Physical systems are those which manifest themselves in .... Terms.

1. Conceptual                      2. Physical                      3. Mathematical                      4. functional

15-A flexible manufacturing system is ..... automated system that may perform any type of manufacturing operation

1. A highly                      2. A conveniently                      3. A geometrically                      4. A phisicaly



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16- Moving reports to users of information such as sales managers or procurement manager is categorized as .....

1. retrieving                      2. calculating                      3. distributing                      4. storing

17- A simulation project may involve .....

1. False starts                      2. Incorrect assumptions  
3. Reformulation of the problem objectives                      4. All of the above

18- what is the mening of: segmenting

1. تقسیم بندی                      2. بکارگیری                      3. مدل بندی                      4. مدل شبیه سازی

19- what is the mening of: Wage administration

1. مدیریت دستمزد                      2. برنامه ریزی کار                      3. اجرای کار                      4. برنامه ریزی اداری

20- what is the mening of: Incremental analysis

1. تحلیل خروجی                      2. تحلیل افزایشی                      3. نرخ تحلیلی                      4. تحلیل مصرف

21- what is the mening of: Turning modules

1. واحدهای تراشکاری                      2. برنامه های چرخشی                      3. برنامه های تراشکاری                      4. برنامه ریزی واحد

22- what is the mening of: Due date

1. تاریخ انجام کار                      2. تاریخ بررسی                      3. تاریخ شروع کار                      4. تاریخ سررسید

23- what is the mening of: batches

1. مسیرها                      2. ریشه ها                      3. دسته ها                      4. محورها

24- what is the mening of: Dead end

1. پایان                      2. انتهای مسیر                      3. بن بست                      4. مسیر بن بست

25- which on is the equvallent of " "شبه مکعب" in english:

1. Cubelike                      2. Batch                      3. Axis                      4. Cylindrical

26- which on is the equvallent of " "مسائل بهینه سازی نامحدود" in english:

1. Problems optimization unconstrained                      2. Constrained problems optimization  
3. Unconstrained optimization problems                      4. Constrained optimization problems

27- which on is the equvallent of " "برنامه اصلی تولید" in english:

1. Schedule materials production                      2. Master production schedule  
3. Master schedule production                      4. Schedule master production



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28- which on is the equivalent of "سیستم پاداش" in english:

- |                        |                                  |
|------------------------|----------------------------------|
| 1. Remuneration system | 2. Senior executive              |
| 3. Operation system    | 4. Preventive maintenance system |

29- which on is the equivalent of "سیستمهای کهکشانی" in english:

- |                       |                      |
|-----------------------|----------------------|
| 1. Integrated systems | 2. Galactic systems  |
| 3. Enterprise system  | 4. Assemblage system |

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30- What is the most appropriate word to complete blank 9?

- |           |            |             |                |
|-----------|------------|-------------|----------------|
| 1. phases | 2. include | 3. contains | 4. Constructed |
|-----------|------------|-------------|----------------|