

تعداد سوالات: تستی: ۳۰ تشریحی: --

زمان آزمون (دقیقه): تستی: ۹۰ تشریحی: --

نام درس: زبان تخصصی

رشته تحصیلی / کد درس: مهندسی صنایع (۱۲۱۲۱۶۲)

مجاز است.

استفاده از: --

کد سری سؤال: یک (۱)

تنها با یاد اوست که دل‌ها آرام می‌گیرد.

**Part I**

Choose (a, b, c, or d) which best fits the missing words of the following passage.

With an idea of the nature of the industrial. . . . (1) . . . . department, its responsibilities, and its working relationships within a company, where it belongs in the organization structure can now be. . . . (2). . . . One guideline might be mentioned here, apparent though it may seem: the industrial engineering department should. . . . (3). . . . to the executive that has line responsibility for the departments it regularly serves. Thus if a/an . . . . (4). . . . president for operations is responsible for coordinating research, engineering, production planning, sales, . . . . (5) . . . . control, personnel, and so forth, he should probably have industrial engineering, too. If, however, there is a works manager to whom production activities report, the industrial engineering. . . . (6). . . . also should report to him.

1.
 

a. quality	b. engineering	c. nature	d. report
------------	----------------	-----------	-----------
2.
 

a. departed	b. engineered	c. annoyed	d. considered
-------------	---------------	------------	---------------
3.
 

a. blend	b. plan	c. distribute	d. report
----------	---------	---------------	-----------
4.
 

a. extra	b. vice	c. mono	d. post
----------	---------	---------	---------
5.
 

a. quality	b. consideration	c. faculty	d. order
------------	------------------	------------	----------
6.
 

a. workstation	b. prototype	c. department	d. modification
----------------	--------------	---------------	-----------------



تعداد سوالات: تستی: ۳۰ تشریحی: --

زمان آزمون (دقیقه): تستی: ۹۰ تشریحی: --

نام درس: زبان تخصصی

رشته تحصیلی / کد درس: مهندسی صنایع (۱۲۱۲۱۶۲)

مجاز است.

استفاده از: --

کد سری سؤال: یک (۱)

## Part II

Choose (a, b, c, or d) which best completes each item.

7. The element that is not unique to industrial engineering is the reference to.....
  - a. social science
  - b. natural sciences
  - c. people
  - d. none of the above
8. The industrial engineering profession is based on techniques that will never be..... by newer ones.
  - a. outmoded
  - b. optimized
  - c. professionalized
  - d. ill-founded
9. The formal ..... of industrial engineering as a full-time activity grows as the number of employees grows.
  - a. negotiation
  - b. disadvantage
  - c. shortsightedness
  - d. recognition
10. Measured knowledge can be creative if it is.....
  - a. synthesized
  - b. crucial
  - c. specific
  - d. appreciated
11. Management and organization are..... each other.
  - a. not related to
  - b. independent of
  - c. necessary in
  - d. not involved in
12. Industrial engineering practice in most of the companies had its start in.....
  - a. the computers
  - b. the shop floors and factories
  - c. the value analysis
  - d. the profit planning
13. A good layout must be a(n) .....
  - a. changing layout
  - b. permanent layout
  - c. inexpensive operation
  - d. non-problematic layout
14. A preliminary step in any plant layout is the determination of what is to be.....
  - a. amended
  - b. corresponded
  - c. reciprocated
  - d. laid out



تعداد سوالات: تستی: ۳۰ تشریحی: --

زمان آزمون (دقیقه): تستی: ۹۰ تشریحی: --

نام درس: زبان تخصصی

رشته تحصیلی / کد درس: مهندسی صنایع (۱۲۱۲۱۶۲)

مجاز است.

استفاده از: --

کد سری سؤال: یک (۱)

15. A master production schedule answers the question of.....
- a. what are we going to make?                      b. what does it take to make it?  
c. what do we have?                                      d. what do we have to get?
16. Production planning begins with..... of the future demand for an organization's goods.
- a. a forecast                      b. a disclosure                      c. a coincidence                      d. a percentage
17. The most important contribution of an optimization study may be .....
- a. qualitative    b. quantitative  
c. both quantitative and qualitative                      d. neither quantitative nor qualitative
18. Management decision making is very complex because it involves large quantities of .....
- a. materials                      b. workers                      c. equipment                      d. all of the above
19. The term "optimum" is generally used to denote.....
- a. maximum    b. minimum  
c. maximum or minimum                                      d. neither maximum nor minimum
20. Everything that remains outside the boundaries of the system is called .....
- a. subsystem    b. environment  
c. component    d. natural world
21. Material, energy, and/or information that passes from the system to the environment is called .....
- a. input                                      b. output                                      c. assemblage of facts                                      d. input data
22. Flexible manufacturing systems are designed with processing equipment including .....
- a. sheet metal presses                                      b. inspection stations  
c. assembly workheads                                      d. all of the above
23. A flexible manufacturing system is a..... automated system that may perform any type of manufacturing operation.
- a. physically    b. mentally  
c. geometrically    d. highly

تعداد سوالات: تستی: ۳۰ تشریحی: --

زمان آزمون (دقیقه): تستی: ۹۰ تشریحی: --

نام درس: زبان تخصصی

رشته تحصیلی / کد درس: مهندسی صنایع (۱۲۱۲۱۶۲)

مجاز است.

استفاده از: --

کد سری سؤال: یک (۱)

24. Information..... systems may be classified in various ways.

- a. producing      b. maintaining      c. processing      d. computing

25. In general, data are objective, whereas information is .....

- a. concrete      b. subjective      c. factitive      d. deliberate

26. Planning horizons denote how far ahead in the future the decision maker is thinking and .....

- a. grouping      b. planning      c. occurring      d. driving

27. Sequential decision making is the process of ..... solving interrelated sub-problems.

- a. successively      b. nationally      c. universally      d. mutually

### **Part III**

**Choose (a, b, c, or d) which is the appropriate form of the word for the blanks. The words are given in parentheses at the end of each statement.**

28. Industrial engineering presents several ..... concepts from calculus and relates them to inventory control. (optimize)

- a. optimize      b. optimizes      c. optimistic      d. optimizations

29. In many industrial systems, the proper scheduling of the facilities can lead to better ..... of existing capacity. (utilize)

- a. utilization      b. utilize      c. utilized      d. utilizes

30. The domain of industrial engineering ..... the fields of industrial technology, industrial manufacturing, and analysis of system. (encompass)

- a. encompass      b. encompasses      c. were encompassed      d. both a and b



تعداد سوالات: تستی: ۳۰ تشریحی: --

زمان آزمون (دقیقه): تستی: ۹۰ تشریحی: --

نام درس: زبان تخصصی

رشته تحصیلی / کد درس: مهندسی صنایع (۱۲۱۲۱۶۲)

مجاز است.

استفاده از: --

کد سری سؤال: یک (۱)

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

شماره سوال	پاسخ صحیح	وضعیت کلید
1	ب	عادی
2	د	عادی
3	د	عادی
4	ب	عادی
5	الف	عادی
6	ج	عادی
7	ب	عادی
8	الف	عادی
9	د	عادی
10	الف	عادی
11	ج	عادی
12	ب	عادی
13	الف	عادی
14	د	عادی
15	الف	عادی
16	الف	عادی
17	الف	عادی
18	د	عادی
19	ج	عادی
20	ب	عادی
21	ب	عادی
22	د	عادی
23	د	عادی
24	ج	عادی
25	ب	عادی
26	ب	عادی
27	الف	عادی
28	ج	عادی
29	الف	عادی
30	ب	عادی

