

سئوالات آزمون استخدامی شرکت نفت

زبان و ادبیات انگلیسی

به همراه پاسخنامه

کلیک بانک 
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1. Which sentence is grammatically wrong?
 - 1) It is fun for the children seeing monkeys.
 - 2) Some monkeys work as farmhands on the farm.
 - 3) The monkey rides on the back of the farmer's bicycle.
 - 4) A green coconut must stay on the tree longer.
2. Ali his father.
 - 1) as tall
 - 2) as tall as
 - 3) taller
 - 4) tallest
3. There is no steam in the kettle,?
 - 1) isn't there
 - 2) is it
 - 3) is there
 - 4) isn't it
4. The doctor her job well, does she?
 - 1) doesn't do
 - 2) don't do
 - 3) didn't do
 - 4) won't do
5. You shouldn't your children swim in this part of the river.
 - 1) let
 - 2) mean
 - 3) fix
 - 4) ride
6. I want to buy a coat, but I don't have any money to for it.
 - 1) look
 - 2) pay
 - 3) play
 - 4) love
7. I think it is the thing that could happen. I'm really sorry.
 - 1) worst
 - 2) best
 - 3) happiest
 - 4) easiest
8. The shoes are very they don't hurt my feet.
 - 1) expensive
 - 2) cheap
 - 3) comfortable
 - 4) clean
9. Can you speak a language?

Yes, I can speak English and French.

 - 1) beautiful
 - 2) necessary
 - 3) foreign
 - 4) modern
10. Please write the letter once more, "once more" means.....
 - 1) again
 - 2) not at all
 - 3) all the time
 - 4) another thing
11. Good is very necessary and important in a large organization.
 - 1) communication
 - 2) combination
 - 3) expression
 - 4) attraction

Cloze Test :

Preparing and giving your first speech can be a hard thing to do. You may find it difficult 12 What you want to say or how to say it. Even the thought of speaking before a(n) ...13... may frighten you. It's true that some people are good at

...14... speaking. But the good news is that anyone can ...15... a successful presentation if he prepares himself for it.

12.

- 1) deciding 2) supporting 3) protecting 4) agreeing

13.

- 1) audience 2) stance 3) choice 4) situation

14.

- 1) brief 2) human 3) public 4) actual

15.

- 1) hold 2) bring 3) give 4) take

Reading Comprehension:

Energy is what makes things move. Food has energy because your body can use it to make your muscles move. Fuels have energy because engines can use them to product motion. Batteries have energy because they can make electric motors turn round.

Heat is a form of energy. This may seem puzzling because an electric fire doesn't appear to move when it gets hot. In fact, there is movement, but you can't see it the atoms in any solid are always vibrating. If the solid is heated up, it's atoms vibrate faster. This means that billions of any forces are giving the atoms extra speed.

Whenever a force moves something, scientists say that work is done. The bigger the force and the further it moves, the more work is done. Like energy, work is measured in Joules. In lifting a book about 10 cm, you would be doing about one joule of work.

16. Which statement is exactly correct?

- 1) Without energy, life is more comfortable.
2) Without energy, nothing would ever get done.
3) Scientists believe that heat is a form of energy, but it's not true.
4) Scientists believe that energy is measured in Joules, unlike work.

17. You understand from the passage that

- 1) there is a link between energy and work.
2) if something has energy, it can't work.
3) work and energy are exactly the same

- 4) energy isn't necessary to move something.
18. How do we understand that fuels have energy?
- 1) Because it is necessary for our life.
 - 2) Because it is a form of energy and force.
 - 3) Because our body can use it to make our muscles move.
 - 4) Because engines can use them to produce motion.
19. When do we say that work is done?
- 1) when we measure force.
 - 2) when a force moves something.
 - 3) when a force to moves something.
 - 4) when we use a force to move something.
20. The underline word means
- 1) changing 2) shaking 3) making 4) using

Read the paragraphs and sentences carefully then answer the questions which follow.

A.

Thermodynamics is the Science dealing with energy trans formations, including heat and work, and the physical properties of substances that art involved in Energy transformations. Today, an understanding of thermodynamics is essential for much of the work of the engineer, physicist, and chemist.

If a system of thermodynamics is defined as a particular quantity of matter, then the system always contains the same matter and there can be no transfer of mass across the boundary .

However, if a system is defined as a region of space within a prescribed boundary, then matter may cross the system boundary. In order to distinguish between these system, the type that has no mass transfer across its boundary we call a closed system or control mass. An open system is a region of space within a boundary which matter may cross. This boundary may be moving.

21. Thermodynamics is the science which....
- 1) using by physicists only
 - 2) works just on heat
 - 3) deals with special kind of energy
 - 4) works on energy transformations

22. how many systems of thermodynamics are discussed here?
1) one 2) two 3) three 4) four
23. One of the above mentioned system is closed: because
- 1) its boundary may be moving
 - 2) it has no boundary
 - 3) mass crosses its boundary
 - 4) mass doesn't transfer across its boundary

B.

Petroleum refining is the separation of petroleum in to fractions and the subsequent treating of these fractions to make them into petroleum products. Most petroleum products, including kerosenes, fuel oils, lubricating oils, and waxes are fractions of petroleum that have been treated to remove undesirable components. Other products, for example, gasolines, aromatic solvents, and even some asphalts, are totally, or partly, synthetic, in that they have compositions that are impossible to achieve by direct separation of these materials from crude petroleum. They result from chemical processes that change the molecular nature of selected portions of crude petroleum.

Which statement is true according to the text?

24. Some petroleum products which are indirectly separated are
- 1) gasolines, aromatic solvents and some asphalts.
 - 2) Kerosenes, fuel oils, lubricating oils and waxes
 - 3) undesirable components
 - 4) fractions of petroleum which are not refined
25. Other products of petroleum are totally/partly synthetic in other words.....
- 1) they derive from chemical processes that change the molecular nature and selected portions of crude petroleum
 - 2) they are directly separated from crude petroleum
 - 3) they are not components of crude petroleum
 - 4) they include kerosenes, oil and waxes.

C.

Check the synonyms of the underlined words:

26. A free radical is formed by the decomposition of a relatively unstable material called an initiator.

- 1) separation 2) mixture 3) addition 4) reaction

27. In a few seconds more monomers add successively to the growing chain of the polymer.

- 1) all together 2) relatively
3) slowly 4) one after another

D.

From the engineers point of view, reaction kinetics has the following principal function:

- 1- Establishing the chemical mechanism of reaction
 - 2- collecting experimental rate data.
 - 3- correlating rate by mathematical equation.
 - 4- Designing suitable reactors.
 - 5- Specifying operating conditions, method of control and auxiliary equipment
- reactions may be classified in several ways, first on the basis of mechanism include: Irreversible; Reversible simultaneous; and consecutive. Another classification from the point of view of mechanism is: with respect to the number of molecules actually participating in the reaction. So - called molecularity with subdivisions of unimolecular and bimolecular.

Related to the preceding is the classification with respect to order.

28. The 1st and most significant function of reaction kinetics is

- 1) correlating rate data by mathematical equation.
2) Establishing the chemical mechanism of reaction
3) designing suitable reactors
4) collecting experimental rate data

29. How many main groups can be found in classification of reaction on the mechanism point of view?

- 1) two 2) four 3) five 4) six

30. Related to the preceding is the classification based on order. This sentence means that

- 1) there is no relation between these two classification.

- 2) the first classification is totally different from the classification based on order.
- 3) the classification based on mechanism is not separated from ordered classification.
- 4) these two classification are exactly the same.
31. Branched polymers, unlike linear – chain polymer, have branched chains in their molecular Structure, due to side reactions during.....
- | | |
|------------------|---------------------|
| 1) Purification | 2) polymerization |
| 3) Vulcanization | 4) Copolymerization |
32. The building block or monomer of poly (vinyl chloride), PVC, IS.....
- | | |
|---------------------------------|----------------------------------|
| 1) $\text{CH}_2 = \text{CHCl}$ | 2) $\text{CHCl} = \text{CHCl}$ |
| 3) $\text{CH}_2 = \text{CCl}_2$ | 4) $\text{CCl}_2 = \text{CCl}_2$ |
33. Polymers soften on heating and are unaltered chemically. On other han polymers degrade or decompose on heating.
- | | |
|------------------|----------------------------------|
| 1) soft , hard | 2) hard , soft |
| 3) thermoplastic | 4) thermosetting , thermoplastic |
34. Petroleum is regarded as a mixture of gaseous, liquid and solid.....
- | | |
|------------------------|-----------------------------|
| 1) hydrocarbons | 2) carbohydrates |
| 3) inorganic compounds | 4) organometallic compounds |
35. When an element or compound is in its most stable form under 1 atmosphere pressure and a temperature of 25°C , it is said to be in its
- | | |
|-------------------|------------------------|
| 1) Pure form | 2) Active state |
| 3) Standard state | 4) Thermodynamic state |
36. The law of conservation of matter state that matter:
- 1) cannot be created but can be destroyed.
 - 2) can be created but not destroyed
 - 3) can be created or destroyed
 - 4) cannot be created or destroyed

37. A galvanic cell is:
- 1) An electrolytic cell in which complex formation reaction proceeds by the aid of electrical energy.
 - 2) An electrochemical cell in which non spontaneous electrode reactions are forced to proceed.
 - 3) An electrolytic cell in which non spontaneous electrode reactions are forced to proceed.
 - 4) An electrolytic cell in which catalytic reactions take place.
38. Extraction is
- 1) A process by which trace metal ions are complexed.
 - 2) A process where miscible solvents are used for separation of species
 - 3) A process by which immiscible solvents are used for separation of species from solutions.
 - 4) A process in which solvents are used for distillation purposes.
39. Thermodynamic is the study of the of energy from one form to another.
- 1) Catalysis
 - 2) Catcracking
 - 3) Cataphoresis
 - 4) Catalysts
40.enhance the speed of a reaction by altering the mechanism to provide a pathway a lower activation energy.
- 1) Catalysis
 - 2) Catcracking
 - 3) Cataphoresis
 - 4) Catalysts
41. I saw an accident last night. Somebody called an ambulance but nobody
- 1) was injured
 - 2) injured
 - 3) will be injured
 - 4) had injured
42. When she opened her eyes, she saw a white standing by her beside.
- 1) object
 - 2) event
 - 3) member
 - 4) view
43. I opened the door and walked in so that nobody noticed my getting in.
- 1) actually
 - 2) patiently
 - 3) silently
 - 4) ignorantly

44. Birds use their to fly high in the sky.
1) bodies 2) hearts 3) feathers 4) wings
45. Go straight on. this street will You to your hotel.
1) show 2) take 3) find 4) carry
46. Please try this pair of shoes to see if they you.
1) fill 2) fit 3) fix 4) furnish
47. The doctor's new appointment system doesn't seem to be very well.
Everyone is complaining.
1) apologizing 2) borrowing 3) ignoring 4) functioning
48. Some things are To see without a microscope.
1) so small 2) such small 3) too small 4) small enough
49. If they offer an price for the house. I will sell it.
1) acceptable 2) respectable
3) translatable 4) inevitable
50. When I told him what had happened, he got.....
1) surprise 2) surprised
3) surprising 4) surprisingly
51. Try to recall where you saw him last.
I'm doing my best but I can't.....
1) relate 2) repeat 3) remind 4) remember
52. I feel asleep, I my homework.
1) doing 2) have done 3) did 4) do
53. Mr. Ahmadi collects stamps. His wife does
1) so 2) either 3) too 4) neither
54. The building looks very old. It built many years ago.
1) had 2) has 3) is 4) was
55. Be careful and take care of when you are crossing the street.
1) herself 2) yourself 3) myself 4) himself

56. Our soldiers are with modern weapons in order to defend their country if necessary.
 1) concerned 2) involved 3) equipped 4) satisfied
57. Betty is going to the store to buy a Of soap.
 1) bar 2) bow 3) sheet 4) paper
58. People don't need a lot of money be happy.
 1) so that 2) in order to 3) for 4) in order that
59. It is not always easy to trees by their shapes when they grow close together.
 1) memorize 2) recognize 3) centralize 4) supervise
60. Earth is the in our solar system.
 1) planet 2) plant 3) plan 4) plane
61. Some thing are to see without a microscope.
 1) so small 2) such small
 3) too small 4) small enough
62. The walls of this room are so dirty that I am going to have them?
 1) paint 2) painted 3) to paint 4) painting
63. The driver was fined by the police officer had not stopped at the red light.
 1) who 2) whom 3) whose 4) which
64. It was Amusing film that I saw it twice?
 1) such an 2) too 3) enough 4) so
65. Everybody wants to find a good job?.....
 1) aren't they 2) isn't he 3) don't they 4) doesn't he
66. Why does she want to go to the library?
 She would like some letters.
 1) to write 2) write 3) writes 4) writing
67. These days, football played all over the world.
 1) be 2) is 3) was 4) being
68. The examinations being January.
 1) at 2) on 3) in 4) with

69. In autumn the tree Trier leaves.
1) are losing 2) are lost 3) lose 4) have lost
70. A scientist can Something new in any experiment he makes.
1) continue 2) discover 3) follow 4) wonder
71. Babies before they can walk.
1) stop 2) knock 3) crawl 4) small
72. Last week, The Of our composition was "The Role of TV"
1) area 2) basis 3) branch 4) topic
73. Mr. Amini A lot of money by writing stories.
1) earns 2) promises 3) prepares 4) spends
74. Mrs. Ahmady's servant will Her children she is in hospital.
1) look up 2) look for 3) look after 4) look at
75. I can not visit Ali, I don't feel well today.
1) when 2) due to 3) since 4) because of
76. I feel very To be a part of such a successful constructional bridge project.
1) healthy 2) fit 3) active 4) proud
77. Ali didn't want to his wife with his financial problems on their trip, so he pretended to be happy.
1) provide 2) bother 3) support 4) inform
78. Reza could have found my house He had forgotten the address.
1) because 2) while 3) unless 4) whereas
79. It is a scientific that light travels faster than sound.
1) event 2) observation 3) fact 4) principle
80. Scientists found that oil could be used as a for heating and lighting.
1) root 2) fuel 3) fiber 4) loaf
81. Rubber stretches and bends
1) regularly 2) actively 3) forcibly 4) flexibly
82. The fuel tank has a/an of sixty liters.
1) activity 2) capacity 3) responsibility 4) ability

83. The United Nations has been in existence Word war II ended.
 1) since 2) during 3) when 4) for
84. Open the window and let some air in.
 1) sudden 2) suring 3) when 4) for
85. Reza suffers from hard, so he can not bend easily.
 1) joints 2) ribs 3) incomes 4) feelings
86. Physical exercise is good way of Stress.
 1) releasing 2) raising 3) realizing 4) stretching
87. Smoking and bad quality of the air that people breathe can cause cancer.
 1) bone 2) joint 3) hear 4) lung

I. READING. Read the passages and choose the answer to each question .

People who have the capacity for intense concentration have a great advantage. Such people have the ability to ignore the stimuli (sights, sounds, or anything that can distract a person) and more likely are to stay with the task at hand and to solve it. This ability can make all the difference between winning and losing in certain situations-for example, the championship runner competing for the gold medal at the Olympic.

88. In this passage "concentration" refers to a person's ability to
 1) stay in on place 2) focus on a task
 3) hear certain sounds 4) ignore stimuli
89. Sportsmen who can concentrate are more likely to.....
 1) compete 2) win 3) relax 4) run
90. The phrase "stay with the task" as used here is closest in meaning to the task.
 1) ignore 2) leave 3) compete with 4) concentrate on

According to one story a Scottish boy watched the steam lift the top off his mothers tea kettle and realized the power of steam to make machines work that boy, James watt, would hen go to invent the modern steam engine in 1769. Actually, the history of steam technology records the successful work of several scientists an engineers before watt. For example, in 1698, Thomas savory had introduced a simple steam pump to remove water from mines, and 14 years later Tomas Newcomen invented a better pump. But these pumps were not efficient because they used so much fuel.

In 1769 the Scottish boy, James watt, figured out a way to save three – quarters of the fuel. To honor him, his last name became the name of a unit of energy.

91. The example of boiling kettle shows that steam is
- 1) useful 2) efficient 3) powerful 4) necessary
92. The first steam engines
- 1) didn't pump water 2) cost too much to build
3) were difficult to make 4) used too much fuel
93. From the passage, we understand that James watt To reduce the use of fuel to a quarter.
- 1) imagined a technique 2) made a kind of pump
3) invented a pump 4) built the first steam engine
94. We can show "three – quarters" by.....
- 1) 30 % 2) 25 % 3) 75 % 4) 50 %

VOCABULARY AND STRUCTURE. Choose the word or phrase which best completes each item and make best completes each item and make it on your answer sheet.

95. Excuse me, can you tell me the way to the town hall?
- 1) conductor 2) foreigner 3) tourist 4) stranger
96. We asked the At the hotel to get us a taxi.
- 1) lawyer 2) receptionist 3) reporter 4) conductor
97. It's cold outside. Don't forget to take your
- 1) scarf 2) pants 3) shorts 4) suits
98. In Iran, most people Hands when they first meet.
- 1) have 2) lock 3) hold 4) shake
99. It me about an hour to get to the bank .
- 1) makes 2) takes 3) gets 4) spends
100. He asked me how old
- 1) was I 2) did I 3) I was 4) am I
101. I failed my math exam, I wish I more.
- 1) studied 2) had studied
3) would studied 4) have studied

102. My car was broken, therefore, I got a mechanic It .

- 1) fix 2) fixes 3) fixing 4) to fix

103. The man coat is brown is from Tabriz .

- 1) which 2) that 3) whose 4) whom

104. I had to change the wheel of my car because its tire was.

- 1) off 2) flat 3) broken 4) empty

105. We have to walk up the stairs because the is out of order.

- 1) generator 2) booth 3) elevator 4) air conditioner

106. Due to care accident, there was a traffic, and the cars couldn't move.

- 1) jam 2) pile 3) regulation 4) light

107. I had no money to pay for the books because I had lost my

- 1) racket 2) backpack 3) boot 4) wallet

A: choose the best choice

108. The container is ten meters.....

- 1) height 2) heavy
3) length 4) long

109. A rectangle has two length and width

- 1) measures 2) dimensions 3) shapes 4) figures

110. An isosceles triangle has two equal sides and a

- 1) height 2) length 3) base 4) dimension

111. The Suez Canal is 12 meters in

- 1) weight 2) depth 3) density 4) length

112. Rubber is but wood is not.

- 1) soluble 2) flexible 3) accurate 4) heavy

113. The ancient Persian considered that truthfulness was the supreme virtue and lying the greatest offense. For many years the Persian nation was known for

- 1) liberty 2) bribery 3) honesty 4) bravery

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