

کارشناسی

حضرت علی(ع): دانش راهبر نیکویی برای ایمان است

زمان آزمون (دقیقه): تستی: ۱۲۰ تشریحی: ۰

تعداد سوالات: تستی: ۳۰ تشریحی: ۰

عنوان درس: زبان تخصصی

رشته تحصیلی/کد درس: فیزیک (هسته ای)، فیزیک (اتمی و مولکولی)، فیزیک (حالت جامد) ۱۲۱۶۰

Fill in the blanks

1- A short dictionary definition says that physics is the branch of that deals with matter, energy, and their interactions.

1. science 2. approach 3. formula 4. mechanism

2- Brass is not a simple metal. It is a(n) which is a mixture of copper and zinc.

1. alloy 2. quality 3. liquid 4. amount

3- Wise people learning something new every day.

1. take delight in 2. are devoid of 3. take place 4. make up of

4- If you create inside a container, the air pressure outside will crush its walls.

1. fraction 2. component 3. condition 4. vacuum

5- The earth on its own axis once every 24 hours.

1. expresses 2. accelerates 3. revolves 4. exerts

6- Thermal energy from one object to another is called heat.

1. judged 2. transferred 3. touched 4. needed

7- Time is not at all. When you spend it, you cannot bring it back.

1. measurable 2. analytical 3. recoverable 4. proportional

8- A chemical reaction is happening because two substances are in with each other.

1. contact 2. equation 3. depiction 4. precision

9- When two magnets are brought close, like ends repel, unlike ends

1. determine 2. attract 3. understand 4. mark

10- After many hours of talks, the committee could not a good decision.

1. arrive at 2. behave in 3. change from 4. convert into

11- I really what the earth looks like one century later.

1. build 2. interact 3. align 4. wonder

12- We bought this house for its; it's very near the shops and there is a good transport service.

1. alternation 2. convenience 3. migration 4. speculation

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Vocabulary

13- Perhaps the most obvious impact of physics on science is at the level of instrumentation.

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|------------|----------|-----------|------------|
| 1. logical | 2. clear | 3. mental | 4. helpful |
|------------|----------|-----------|------------|

14- The atomic bomb is one of the applications of findings of nuclear physics.

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|---------|-----------|------------|------------|
| 1. uses | 2. bodies | 3. notions | 4. details |
|---------|-----------|------------|------------|

15- As science advances, more and more elaborate machines are produced.

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|--------------|-------------|------------|------------|
| 1. decorated | 2. detailed | 3. general | 4. natural |
|--------------|-------------|------------|------------|

16- If physicists will tell us, more or less, what the earth or the stars are like, then we can figure it out.

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|---------------|------------------|---------------|--------------|
| 1. explode it | 2. understand it | 3. analyze it | 4. adjust it |
|---------------|------------------|---------------|--------------|

17- His father's death had a profound effect on his character. He changed from a child to a man.

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|-------------|---------|------------|---------------|
| 1. relative | 2. deep | 3. partial | 4. reflective |
|-------------|---------|------------|---------------|

18- It is important to recognize that the definition of 'science' hinges on experiment and observation.

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|-------------|------------|------------|------------|
| 1. composes | 2. results | 3. designs | 4. depends |
|-------------|------------|------------|------------|

19- A fundamental standard should have several properties if it is to be most useful.

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|--------------------|--------------|---------------|----------|
| 1. characteristics | 2. buildings | 3. quantities | 4. tones |
|--------------------|--------------|---------------|----------|

20- The income from oil is the biggest component of Iran's total income.

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|---------|-----------|-------------|------------|
| 1. part | 2. timbre | 3. addition | 4. subject |
|---------|-----------|-------------|------------|

21- Carelessness is the main proximate cause of many car accidents.

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|--------------|-----------|-------------|------------|
| 1. objective | 2. direct | 3. personal | 4. typical |
|--------------|-----------|-------------|------------|

22- It is only a speculation that creatures from other planets have visited the earth.

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|----------|-------------|----------------|----------|
| 1. field | 2. recovery | 3. calibration | 4. guess |
|----------|-------------|----------------|----------|

23- Subway is an adequate means of transportation for a crowded city like Tehran.

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|------------------|---------------------|
| 1. good enough | 2. similar to |
| 3. interested in | 4. recoverable from |

24- A magnet can pick up small pieces of iron.

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|----------|------------|---------|---------|
| 1. start | 2. restore | 3. lift | 4. left |
|----------|------------|---------|---------|

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Word Formation

25- A thermostat can the flow of hot water in a car's cooling system.

1. regulate 2. regulator 3. regulation 4. regulatory

26- Sulphur dioxide is a made from sulphur and oxygen.

1. compound 2. membrane 3. procedure 4. chart

27- "The universe" is an word. It includes everything that exists: galaxies, stars, planets, etc.

1. experimental error 2. all-inclusive
 3. frequency curve 4. non-conductor

28- There was an interesting early relationship between physic and biology in which biology helped physics in the discovery of the conservation of energy.

1. پایستگی انرژی 2. رسانندگی نیرو 3. نیروی مرکزگریز 4. طیف پیوسته

29- The platinum-iridium alloy bar became the World's primary standard and remained so even after it became known that the distance originally postulated was not exactly 10,000,000 meters.

1. پذیرفته شده 2. معوق 3. مرتعش 4. نفوذپذیر

30- There is no interaction between these two electrical fields because they are very far from each other.

1. گستره 2. برهم کنش 3. برگشت پذیری 4. بهنجاری