



The exam consists of two papers

I- Text Book

Answer the following questions:

(4)

M)

- 1- What is the purpose of periodic table?
- 2- What is energy?
- 3- Which materials has been the normal for jewelry?
- 4- What is Kinematics concerned with?

Write the meaning of the following:

(2)

M)

- 5- Amulets.
- 6- Kinetics of motion.

II- Structure

A- Do as Shown:

(6)

M)

- 1- (in a restaurant) you must let me pay for the meal. (Complete)
- 2- (at a party) I enjoy parties, but I enjoy this one very much. (Correct the verb)
- 3- To Luxor, we went on a trip from Cairo to Luxor. (Ask a question)
- 4- We saw an accident while we..... (Complete)
- 5- Gamal goes out. Five minutes later, the phone rings and the caller says, ‘Can I speak to Gamal?’
You say: I’m afraid(go out) (Complete)
- 6- We played tennis yesterday. Half an hour after we began playing, it started to rain.
Wefor half an hour when it started to rain
(Complete according to the situation)

III- Comprehension

Read the following passage then answer the questions:

(6 M)

Gold used in jewelry is mixed with harder metals to add strength and durability. The metals added can also be used to change gold’s color, giving it a fashionable rose or white tint, or to lighten or darken the natural yellow tone of pure gold. Mixtures like these, of less costly metals with more valuable ones, are called alloys. Copper and silver are the most common metals mixed with gold to make yellow gold jewelry. White gold is usually made with an alloy of gold and nickel.

The measure of gold’s purity is called a karat. The higher the karat rating, the higher the amount of pure gold: 24 karat is pure gold, 18 karat is 75% pure gold, 14 karat is 58.5% pure gold, and 9 karat is 37.5% pure gold. All other things being equal, the higher the percentage of pure gold used in the alloy, the more valuable and expensive the jewelry will be.

Gold jewelry pieces are usually stamped with a marking to identify the karat amount. While gold that is 24K is too soft for jewelry, 18K, 14K and 9K gold are all appropriate for jewelry, and they all make pieces that look great and wear beautifully.

2

Choose the correct answer:

1) Which of the following statements best captures the main idea of this passage?

- A. Although gold is very valuable, it is also very expensive.
- B. Gold jewelry is stamped with its karat weight.
- C. Gold jewelry is made using alloys.
- D. Colored gold is more valuable than white gold.

2) Based on information in the passage, it can be understood that pure gold is

- A. not used to make rings
- B. stamped with 100K
- C. an alloy of different metals
- D. colorless

3) According to the passage, the use of other metals in gold alloys

- I. can be used to make the gold different color
- II. makes jewelry more expensive
- III. makes gold more flexible

- A. I only
- B. I and II only
- C. II and III only
- D. I, II, and III

IV- Composition

Write a paragraph on ONE only of the following:

(6 M)

1- Your graduation project

2- Jewelry

3- Ancient Egypt jewelry

.....

V- Translation

Translate into Arabic:

(4 M)

Art jewelry is one of the names given to jewelry created by studio craftspeople. As the name suggests, art jewelry emphasizes creative expression and design, and is characterized by the use of a variety of materials, often commonplace or of low economic value.

Translation into English:

(2

M)

علم الجواهر هي علم التعامل مع الجواهر الطبيعية والاصطناعية والأحجار الكريمة.

With Best Wishes



The Model Answer

I- Text Book

Answer the following questions:

(4)

M)

- 1- The table provides us with information about the elements' atoms and properties.
- 2- Energy is the ability to cause change.
- 3- Metal, often combined with gemstones, has been the normal for jewelry
- 4- Kinematics concerned with the motion of objects without being concerned with the forces that cause the motion.

Write the meaning of the following:

(2)

M)

- 5- Amulets: can be any object whose most important characteristic is its alleged power to protect its owner from danger or harm.
- 6- Kinetics of motion: it is a branch of theory of machines which deals with the inertia forces which arise from the combined effect of the mass and motion of the machine parts.

.....

II- Structure

A- Do as Shown:

(6)

M)

- 1- I insist
- 2- but I'm not enjoying
- 3- where did you go?
- 4- were waiting for the bus.
- 5- he's just gone out.
- 6- had been playing.

.....

III- Comprehension

Read the following passage then answer the questions:

(6 M)

- 1) C
To determine the main idea of a passage, we need to examine the content of each paragraph. In paragraph 1, the author states that "gold used in jewelry is mixed with harder metals" and that these "mixtures...are called alloys." Paragraph 2 describes how these alloys are measured and labeled. Paragraph 3 explains which alloys are used in making jewelry. From this information, we can determine that the main idea of the passage is best stated in choice (C). Therefore it is correct. Although the passage does talk about the value of gold, it does not provide information about whether gold is very expensive or not; all we learn is that "the higher the percentage of pure gold used in the alloy, the more valuable and expensive the jewelry will be." This means (A) is incorrect. The fact that jewelry is stamped with its karat weight is only one fact in paragraph 3. It is too specific to be the main idea of this passage, so (B) is incorrect. The passage tells us that colored gold and white gold are made using different metals, but it does not provide any information about which type is more valuable. Therefore (D) is incorrect.

- 2) A
In paragraph 2, we learn that "24 karat is pure gold." In paragraph 3, we learn that 24K is "too soft for jewelry." Since 24K gold is pure gold, this means that pure gold is too soft for jewelry and therefore not used to make rings. This makes (A) correct. As explained above, pure gold is stamped with 24K, not 100K, so (B) is incorrect. Pure gold is the only type of gold that is 100% gold and is therefore not an alloy of different metals. This means (C) is incorrect. Paragraph 1 mentions "the natural yellow tone of pure gold," which tells us that pure gold is not colorless. This makes (D) incorrect.

- 3) A
In paragraph 1, we learn that the other metals mixed with pure gold can be used to "change gold's color." This supports option (I). In paragraph 3, we learn that the price of jewelry increases when a higher amount of pure gold is used in the alloy and decreases when a higher amount of other metals are used. This means using other metals in gold alloys makes gold less expensive. This eliminates option (II). In paragraph 1, we learn that "gold used in jewelry is mixed with harder metals for strength and durability." This means the use of other metals in gold alloys makes jewelry

stronger and more durable, but the sentence does not imply that it makes gold more flexible. In fact, if other metals make gold stronger and more durable, they are likely to make gold less flexible. This eliminates **option (III)**. Therefore **(A)** is correct.

IV- Composition

Write a paragraph on ONE only of the following:

(6 M)

1- Your graduation project

2- Jewelry

3- Ancient Egypt jewelry

V- Translation

Translate into Arabic:

(4 M)

فن المجوهرات هي واحدة من الأسماء التي أطلقها استوديو الحرفيين على المجوهرات. وكما يوحي اسمها، يؤكد فن المجوهرات عن التعبير الإبداعي والتصميم، و الذي يتميز عن طريق استخدام مجموعة متنوعة من المواد، وغالبا الشائعة أو ذات القيمة الاقتصادية المنخفضة.

Translation into English:

(2

M)

Gemology is the science dealing with natural and artificial gems and gemstones

With Best Wishes