1. According to paragraph 1, what happens to the light when a specimen is being viewed with a light microscope? A. The light continues unchanged directly into the viewer's eye or onto film.

B. A glass lens bends the light to form a magnified image of the specimen. C. The light is projected onto photographic film to produce a blurred image. D. The intensity of the light increases a thousand times.

Paragraph 1 is marked with ► **答案：**

B 选项正确**解析：**

本题根据 the light，specimen 和 a light microscope 定位到第一段这几句：The first microscopes were light microscopes, which work by passing visible light through a specimen. Glass lenses in the microscope bend the light to magnify the image of the specimen and project the image into the viewer's eye or onto photographic film. 第二句讲了光学显微镜的原理，就是折射光以放大标本的图像，并且把图像投射到观察者的眼睛里或者投射到胶卷上。选项 B 符合这句话的前半句，正确。选项 A 说光不需要折射直接进入人的眼睛，错误;选项 C 说投射到胶卷上的光形成模糊的影像，从后文我们知道不一定是模糊的，错误;选项 D 说光的强度增加了一千倍，无中生有，错误。选择 B。

2. Why does the author mention "a telescope" as part of the discussion of microscopes? A. To show how microscopes and telescopes are different.

B. To emphasize the importance of magnification in all optical devices.

C. To explain how the development of the microscope depended on the invention of the telescope.

D. To illustrate the concept of resolving power. Paragraph 2 is marked with ►

**答案：**

D 选项正确**解析：**

本题根据 a telescope 定位到第二段这两句：Resolving power is the ability of an optical instrument to show two objects as separate. For example, what looks to the unaided eye like a single star in the sky may be resolved as two stars with the help of a telescope. 第一句讲 resolving power 是什么，第二句用望远镜类比，帮助读者理解这个概念。选项 D 正确。选项 A 说展示显微镜和望远镜的不同，选项 B 说说明光学设施中放大的重要性，选项 C 说解释为什么显微镜的发展依赖于望远镜，都不对。选择

D。

3. Which of the sentences below best expresses the essential information in the highlighted sentence in the passage? Incorrect choices change the meaning in important ways or leave out essential information.

A. A light microscope has the power to greatly magnify a bacterium that is smaller than 0.2 micrometers.

B. A light microscope can only resolve objects 0.2 micrometers or larger, so it cannot show the interior form of a cell. C. The smallest bacterium has a complex internal structure that can be seen with a light microscope.

D. The greater the magnifying power of a light microscope, the greater its ability to resolve the internal structure of a cell.

Paragraph 2 is marked with ► **答案：**

C 选项正确**解析：**

本题先找到高亮出来的句子：The light microscope cannot resolve detail finer than 0.2 micrometers, about the size of the smallest bacterium; consequently, no matter how many times its image of such a bacterium is magnified, the light microscope cannot show the details of the cell's internal structure. 这句话主干的意思大致是：光学显微镜的放大倍数有限，到了 0.2 毫米以后就不能放大细节了，以至于不论它能放大多少倍，我们都看不到细胞内部的细节。选项 C 说光学显微镜只能看清楚 0.2 毫米更大的东西，不能展示细胞内部，是本句的同义转述，正确。选项 A 说光学显微镜可以看清楚比 0.2 毫米小的东西，选项 C 说最小的细菌的内部结构可以被光学显微镜看清，选项 D 说光学显微镜的放大能力越强，看清楚细胞内部结构的能力也越强，都不对。选择 C。4. What can be inferred from paragraph 3 about the scientific contribution of Robert Hooke?

A. His discovery of cells resulted from the examination of animal tissue rather than plant tissue. B. He was the first person to develop and explain cell theory.

C. He discovered cells using a light microscope.

D. The full significance of his work was first understood in the mid-nineteenth century.

Paragraph 3 is marked with ► **答案：**

C 选项正确**解析：**

本题题干关键词是 Robert Hooke，定位回第三段这一句：From the year 1665, when English microscopist Robert Hooke discovered cells, until the middle of the twentieth century, biologists had only light microscopes for viewing cells. 本句大意是从 1665 到 20 世纪中期，只有光学显微镜。所以在这个时期里的 Robert Hooke 用的也是光学显微镜发现了细胞。选项 C 正确。选项 A 和 D 原文中都没有提到过，选项 B 说的 develop 和 explain 原文中也没有提，只是发现。这三个选项都不对。选择 C。

5. The word "giant" in the passage is closet in meaning to A. Huge

B. expected C. complex D. Sudden

Paragraph 4 is marked with ► **答案：**

A 选项正确**解析：**

本题根据所考察的词汇定位到原文中这一句：Our knowledge of cell structure took a giant leap forward as biologists began using the electron microscope in the 1950s. 本句的大意是：我们对于细胞结构认识的跨越在生物学家在 1950 年左右开始用电子显微镜后实现了大的跨越。此处 giant 的含义是巨大的。选项 A 是巨大的，选项 B 是期待的，选项 C 是复杂的，选项 D 是突然的。选项 A 最符合 giant 的意思，选择 A。

6. According to paragraph 4, which of the following is true of electron microscopes? A. They do not use light to magnify and resolve objects.

B. They can magnify the internal structure of a single atom.

C. Their earliest versions were not significantly more powerful than light microscopes. D. They had to be modified extensively for their use in biology research.

Paragraph 4 is marked with ► **答案：** A 选项正确

**解析：**

本题需要根据 electron microscope 定位到第四段这一句：Instead of light, the electron microscope uses a beam of electrons and has a much higher resolving power than the light microscope. 本句的大致意思是电子显微镜使用一束电子而不是光束，它具有比光学显微镜更高的分辨能力。选项 A 说电子显微镜不用光束，正确。其余三个选项都没有提到。选择 A。

7. The word "detect" in the passage is closet in meaning to A. change

B. reveal C. combine D. Enlarge

Paragraph 4 is marked with ► **答案：**

B 选项正确**解析：**

本题根据所考察单词定位到本文中这一句：Only under special conditions can electron microscopes detect individual atoms. 本句大意是：只有在特定情况下，电子显微镜才可以探测出单个的原子。detect 在本句里的意思是探测。选项 A 是改变，选项 B 是揭露，选项 C 是结合，选项 D 是变大。选项 B 最贴合 detect 的意思。选择 B。

8. According to paragraph 5, what is the role of metal in the scanning electron microscope? A. It magnifies the light that passes through the cells.

B. It coats the surface of cells with protective cover.

C. It enables the production of images showing the surface structure of cells. D It reveals details hidden underneath the surfaces of cells.

Paragraph 5 is marked with ► **答案：** C 选项正确

**解析：**

本题题干给出的关键词是 the role of metal 和 scanning electron microscope，根据这两个短语定位到第五段中间的两句话：It uses an electron beam to scan the surface of a cell or group of cells that have been coated with metal. The metal stops the beam from going through the cells. When the metal is hit by the beam, it emits electrons. The electrons are focused to form an image of the outside of the cells. The scanning electron microscope produces images that look three-dimensional. 这几句的大意是：电子显微镜用一束电子来扫描细胞表面，细胞表面是被一层金属包裹的。这层金属表面阻止了电子束穿过细胞。这层金属层可以反射电子，形成细胞外层的三维图像。所以这层金属的作用是帮助电子显微镜成像。选择 C。选项 A 说可以放大像，选项 B 说可以作为保护层，选项 D 说可以揭示细胞内部细节，都不对。选择 C。

9. The word "emits" in the passage is closet in meaning to A. transfers

B. excites C. sends out D. speeds up

Paragraph 5 is marked with ► **答案：**

C 选项正确**解析：**

本题根据所考察单词定位到本文中这一句：When the metal is hit by the beam, it emits electrons. 本句大意是：当电子束被金属击中时，会放射出电子。emit 在这句话中的意思是放射，发出。选项 A 的意思是转化，选项 B 的意思是使激动，选项 C 的意思是发射，放出，选项 D 的意思是加速。选项 C 最贴合 emit 的意思，选择 C。

10. According to paragraphs 5 and 6, the transmission electron microscope differs from the scanning electron microscope in all of the following ways EXCEPT:

A. Specimens viewed by transmission electron microscopes are divided into cross sections. B. The transmission electron microscope uses electromagnets as lenses.

C. The transmission electron microscope passes an electron beam through a specimen. D. The transmission electron microscope focuses on the inner structure of a cell. Paragraph 5, 6 is marked with ►

**答案：**

B 选项正确**解析：**

本题题干给的关键词是 differ from 和两种显微镜 transmission electron microscope，scanning electron microscope。本题各个选项的依据分布在第六段。选项 A 的依据是 Specimens are cut into extremely thin sections，正确;选项 B 的依据是 the transmission electron microscope uses electromagnets as lenses, as do all electron microscopes，选项 B 错误，因为不是 differ from 的点，而是相同的点;选项 C 的依据是 a light microscope aims a beam of light through a specimen，正确;选项 D 的依据是 is used to study the details of internal cell structure，正确。选择 B。

11. The word "Nonetheless" in the passage is closet in meaning to A. Basically

B. In a way

C. In addition D. However

Paragraph 7 is marked with ► **答案：** D 选项正确

**解析：**

本题根据所考察单词定位到这两句：Electron microscopes have truly revolutionized the study of cells and cell organelles. Nonetheless, they have not replaced the light microscope. 这两句话的大致意思是：电子显微镜的确改革了细胞和细胞器的研

究。然而，它们并不能代替光学显微镜。Nonetheless 的意思是然而，表转折。选项 A 是基本上，选项 B 是在某种程度上，选项 C 是还有，选项 D 是然而。选项 D 最贴合 nonetheless 的意思，选择 D。

12. Look at the four squares [ ■ ]that indicate where the following sentence could be added to the passage. Live organisms, therefore, would not survive while being observed with an electron microscope.

Where would the sentence best fit?

Click on a square [■ ] to insert the sentence in the passage. **答案：** B 选项正确

**解析：**

本题需要先分析下需要插入的句子：Live organisms, therefore, would not survive while being observed with an electron microscope. 这句里有 therefore，意为着前一句是原因，这一句是结果。本句的大意是活着的有机体是不能活着被电子显微镜观察的。依次尝试四个可以插入的位置，发现第二个位置比较好，前面也是在讲电子显微镜不能观察活着的有机物，与需要插入的句子构成逻辑关系。后文针对这个问题提出解决方案即用光学显微镜，这三句话之间的逻辑链合理完整。选择 B。

13. Directions: Select from the seven phrases below the 2 phrases that correctly characterize Electron Microscopes and the 3 phrases that correctly characterize Light Microscopes. Drag each phrase you select into the appropriate column of the table. Two of the phrases will NOT be used. This question is worth 3 points. Drag your answer choices to the spaces where they belong. To remove an answer choice, click on it. To review the passage, click on View Text.

Answers Choices

A. Their lenses are made of glass.

B. They use magnetism to bring images into focus. C. They were invented in the mid-1800s.

D. They are used to study living specimens.

E. They can produce images that appear three-dimensional.

F. They cannot resolve the internal structure of small cells.

G. They can usually resolve details smaller than the size of an atom. **Light Microscopes**

**Electron Microscopes 答案：**

ADF BE 选项正确**解析：**

本题需要我们依次找到每个选项在原文中出现的地方。选项 A 是在第一段第三句，讲光学显微镜;选项 B 是在第六段最后一句，讲电子显微镜;选项 C 是在第三段最后一句，但是 mid-1800s 并不是这两种显微镜的发明时间，不选;选项 D 是在第七段第三句，讲光学显微镜;选项E 是在第五段最后一句，讲电子显微镜;选项F 是在第二段最后一句，讲光学显微镜;选项G 是在第四段倒数第三句，但是smaller

than 是不对的，应该是 bigger than，错误不选。综上，light microscope 是 A，D，F;electron microscope 是 B 和 E。1. According to paragraph 2, what happened to raccoons in the 1930s?

A. They had a series of unusually good breading seasons. B. They expanded into the Rocky Mountain West.

C. Their population levels fell.

D. They were harvest in significant numbers for the first time. Paragraph 2 is marked with ►

**答案：**

C 选项正确**解析：**

本题根据题干给的关键词 raccoon 和 1930s 定位到原文中这里 Following a decline to a relatively low population level in the

1930s，这半句的大致意思是在 1930 年左右数量降低到一个相对较低的水平之后。所以我们可以知道在 20 世纪 30 年代的时候，raccoon的数量是下降的。选项 C 正确。其余三个选项都没有提及。

2. Which of the sentences below best express the essential information in the highlighted sentence in the passage? Incorrect choice change the meaning in important ways or leave out essential information.

A. Raccoons are growing more numerous even though they must continue to find new habitats. B. Raccoons are now undoubtedly present in areas where they once rare or absent.

C. Raccoons have found parties, deserts, coastal marshes, and mountains to be excellent habitats to expand into. D. The number of raccoons must be even greater today because raccoons have continued to expand into new habitats. Paragraph 2 is marked with ►

**答案：**

D 选项正确**解析：**

本题先定位到高亮的句子：By now, their numbers have undoubtedly grown even more, as they have continued to expand into new habitats where they were once either rare or absent, such as sandy prairies, deserts, coastal marshes, and mountains. 本句大意是：现在 raccoon 的数量毫无疑问地增长了，它们继续扩张到以前很少或者根本没有去过的地区，比如说沙漠大草原、沙漠等等地方。选项 D 是这个句子的同义转述。选项 A 说 raccoon 必须去找新的栖息地，不对，后文我们可以得知是人为地放养，不是它们自己必须扩张;选项 B 说的太绝对，raccoon 正在扩张而不是已经扩张完了，而且也不是扩张到了所有它们没出现过的地方;选项 C 错误的地方与选项 A 一样，raccoon 不是自己去扩张的，是被人放生过去的。选择 D。

3. The word "consistently" in the passage is closest in meaning to A. typically

B. predictably C. increasingly D. Reliably

Paragraph 2 is marked with ► **答案：**

D 选项正确**解析：**

本题根据所考察的单词定位到原文中这一句：Despite significant numbers being harvested and having suffered occasional declines, typically because of disease, the raccoon has consistently maintained high population levels. 本句话的大意是：尽管很多 raccoons 被捕获，遭受到偶然性的数量降低(一般是因为疾病)，它们的数量还是居高不下。consistently 的意思是持

续的，不断的，不变的。选项 A 是典型的，选项 B 是可以预测的，选项 C 是增加的，选项 D 是可信赖的。比较一下选项 D 最贴合 consistently 的意思，选择 D。

4. According to paragraph 3, which is true about raccoons in Utah's Great Salt Lake Valley? A. They were not easily transplanted there from Indiana.

B. They were not found there prior to 40 years ago.

C. They were often restocked because of illegal hunting.

D. They expanded into that area from nearby suburban and urban settings. Paragraph 3 is marked with ►

**答案：**

B 选项正确**解析：**

本题根据题干给出的关键词 raccoon，Utah’s Great Salt 和 Lake Valley 定位到原文中这两句：Within the United States, they are commonly taken from one area to another 和 Their appearance and subsequent flourishing in Utah's Great Salt Lake valley within the last 40 years appears to be from such an introduction. 通过这两句我们可以知道，raccoon 在美国被人为地带到很多地方，在引进后它们 40 年间在犹他盐湖山谷里大量繁殖。所以 40 年以前还没有把 raccoon 引进犹他盐湖，选项 B 正确。其他三个选项不合原文的意思。

5. According to paragraph 3, the introduction of raccoons into Utah's Great Salt Lake Valley appears to have been an example of an introduction that was

A. motivated by a desire to have raccoons among the local wildlife.

B. illegal

C. carried out by hunters who wanted more raccoons to hunt. D. Unsuccessful

Paragraph 3 is marked with ► **答案：**

A 选项正确**解析：**

本题根据题干的关键词 Utah's Great Salt Lake valley 定位到原文中这一句：Within the United States, they are commonly taken from one area to another, both legally and illegally, to restock hunting areas and, presumably, because people simply want them to be part of their local fauna. 这一句的最后半句是出题点，说明人们就是单纯地想要 raccoon 来到他们居住的地方。选项 A 正确。其余三个选项都没有被提到。

6. All of the following are mentioned in paragraph 3 as helping to explain the raccoon's dramatic increase in abundance and distribution EXCEPT

A. Raccoons thrive in suburban areas.

B. Hunting raccoons has become illegal in most areas.

C. People enjoy having raccoons as part of their environment.

D. A transplanted raccoon will generally be able to succeed in its new environment. Paragraph 3 is marked with ►

**答案：**

B 选项正确**解析：**

本题用题干中的 dramatic increase 和 abundance and distribution 定位，找到第三段。选项 A 的依据是 as they often thrive in suburban，说明 raccoon 在郊区很容易繁殖;选项 C 的依据是 because people simply want them to be part of their local fauna， 说明人们愿意让 raccoon 成为自己身边环境里的动物;选项 D 的依据是 As an example of the ease with which transplanted individuals can succeed，说明 raccoon 的迁移后成功率非常高。只有选项 B 在原文中并没有提及。选择 B。

7. The word "presumably" in the passage is closest in meaning to A. it has been established.

B. it has been incorrectly stated. C. it can be assumed.

D. it can be demonstrated. Paragraph 3 is marked with ► **答案：**

C 选项正确**解析：**

本题根据所考察的单词定位到原文中这一句：Within the United States, they are commonly taken from one area to another, both legally and illegally, to restock hunting areas and, presumably, because people simply want them to be part of their local fauna. 本句的大意是：在美国，raccoon 通常被从一个地方引入另一个地方，合法的引入也有非法的也有，目的是补充生物进入捕猎

区，并且可以推测的是，人们也想要 raccoon 进入他们生活的地区。presumably 在这里的意思是推测的，可以假设的。选项 A 是被建立的，选项 B 是被错误陈述的，选项 C 是可以被假设的，选项 D 是可以被阐述的。选项 C 最贴合 presumably 的意思，选择 C。

8. According to paragraph 4, how has the spread of agriculture affected raccoon populations?

A. The spread of agriculture destroyed some of the raccoon's natural habitats and reduced their populations in Kansas and eastern Colorado.

B. Because of the availability of corn and other cereal grains as a result of the spread of agriculture.

C. The spread of agriculture may have contributed to some raccoon expansion but has not always caused raccoon populations to expand.

D. The spread of agriculture to Kansas and eastern Colorado brought increased raccoon populations in the 1870s and 1880s. Paragraph 4 is marked with ►

**答案：** C 选项正确**解析：**

本题根据题干中的关键词 the spread of agriculture 定位到这两句：The raccoon's expansion in various areas may also be due to the spread of agriculture. 和 The expansion of agriculture, however, does not necessarily lead to rapid increases in their abundance. 这两句话的大致意思是：农业的扩张也可能是 raccoon 扩张的原因之一，但是农业的扩张并不一定会导致 raccoon 数量的迅速增长。选项 C 正是这个意思。其他三个选项都是这两句原文的曲解。

9. According to paragraph 5, what was true about raccoons before the arrival of European settlers? A. They were widely distribute throughout the region.

B. There were found mostly in areas of open prairie. C. They were not found in most of Canada.

D. They had not yet reached the wooded areas of the southeastern portion of the region. Paragraph 5 is marked with ►

**答案：**

C 选项正确**解析：**

本题根据题干关键词 before the arrival of European settlers，定位到原文中这一句：Prior to Europeans settling and farming the Great Plains Region, raccoons probably were just found along its rivers and streams and in the wooded areas of its southeastern section. 本句大意是：在欧洲殖民者到来并在大平原上耕作之前，raccoons 可能只能在大平原的东南部分的河流或者森林里生存。选项 C 说 raccoons 在加拿大大部分地区都没有分布，正确;选项 A 说它们在大平原分布广泛，错误;选项 B 说它们最常见的地方是开放的大草原，错误;选项 D 说它们没有到达大平原的东南部，错误，它们本来就是分布在东南部的。选择 C。

10. What can be concluded from the discussion in paragraph 5 about coyotes and raccoons in Manitoba? A. In the 1950s both coyotes and raccoons increased their populations.

B. Coyotes are more difficult to control than raccoons are.

C. Coyotes and raccoons both tend to prefer regions that have rivers, streams, and wooded areas.

D. More evidence is needed to determine if controlling coyotes contributed to raccoon expansion in the 1950s. Paragraph 5 is marked with ►

**答案：**

D 选项正确**解析：**

本题题干给出的关键词是 Manitoba。带着这个关键词定位到第五段中部。出题点在这一句：If their numbers are sufficient coyotes might be able to suppress raccoon populations (though little direct evidence supports this notion). 括号里的文字说明， 缺少证据证明 coyates 的数量增多会对 raccoon 的数量造成损害。选项 D 是这句话的同义转述。选项 A 说两者的数量都有所增长，选项 B 说 coyotes 比起 raccoon 更难控制，选项 C 说 coyotes 和 raccoon 都喜欢有河流或者树木的地方，三者都不符合原文。选择 D。11. The word "critical" in the passage is closest in meaning to

A. predictable B. crucial

C. negative

D. Contributing

Paragraph 6 is marked with ► **答案：** B 选项正确

**解析：**

本题根据所考察的词汇定位到原文中这一句：The extermination of the wolf from most of the contiguous United States may have been a critical factor in the raccoon's expansion and numerical increase. 本句大意是：狼群的灭绝可能是 raccoon 扩张和数量增多的关键因素。critical 的意思是关键的。选项 A 是可以预测的，选项 B 是关键的，选项 C 是负面的，选项 D 是有贡献的。选项 B 最符合 critical 的意思。选择 B。

12. According to paragraph 6, during the eighteenth century, raccoons were abundant only in forests and wooded bottomlands of major rivers mainly because those were the only places where raccoons

A. were relatively safe from conflict with humans. B. had little trouble finding sufficient food.

C. had some protection from wolves. D. could find a varied diet or prey. Paragraph 6 is marked with ►

**答案：**

C 选项正确**解析：**

本题的出题点在于这一句：In such areas, their arboreal habits and the presence of hollow den trees should have offered some protection from wolves and other large predators. 本句大意是：在这些地方，这些地区的树木可以保护 raccoon 免受狼群和其他大型捕食者的伤害。选项 C 符合。选项 A 是它们不会和人类产生冲突，选项 B 是它们可以找到足够的食物，选项 D 是它们可以找到多样食物，都不合原文意思。选择 C。

13. Look at the four squares [ ■ ]that indicate where the following sentence could be added to the passage. Indeed, raccoons now occur in many parts of Europe and Asia, far outside their natural range.

Where would the sentence best fit?

Click on a square [ ■ ] to insert the sentence in the passage. **答案：**

D 选项正确**解析：**

本题需要先分析下需要插入的句子：Indeed, raccoons now occur in many parts of Europe and Asia, far outside their natural range. indeed 这个词暗示我们这句话和它前面内容是递进关系，now 暗示我们可能前文说的是过去的情况，many parts of Europe 则暗示了本句周围句子所讲的主题内容。带着这些预设我们一一去尝试四个可插入位置，发现最后一个位置很合适。前面 other parts 和本句 many parts 相呼应，两句的意思上构成递进关系，选择 D。

14. Directions: An introductory sentence for a brief summary of the passage is provided below. Complete the summary by selecting THREE answer choices that express the most important ideas in the passage. Some answer choices do not belong in summary because the express ideas that are not presented in the passage or are minor ideas in the passage. The Question is worth 2 points

In 1943 raccoon populations in North America began to expand rapidly, probably becoming fifteen to twenty times larger by the late 1980s.

Answers Choices

A. Raccoon populations have grown in part because of expansion into new habitats created by the growth of urban and especially suburban areas and perhaps by the spread of agriculture in some regions.

B. Raccoons have been deliberately introduced throughout the United States and in other parts of the world, and transplanted individuals are often rapidly able to exploit new environments.

C. It is unlikely that raccoon populations will grow in the future at the rate they have since 1943because raccoons have now colonized most of the habitats suitable for them.

D. Raccoons are native species only from southern Canada through Central America, but in the twentieth century they successfully migrated to most other regions of the Western Hemisphere.

E. Raccoons became established in Canada when coyotes expanded into their habitats in the United States.

F. The elimination of wolves from much of the United States was probably essential to raccoon's expansion and numerical increase, and the control of coyotes might also have contributed.

Drag your answer choices to the space where they belong. To remove an answer choice, double click on it. **答案：**

ABF 选项正确**解析：**

本题需要依次分析每个选项。选项 A 是说 raccoon 的扩张状况，概括了第二三段的主要内容，正确;选项 B 也是讲的 raccoon 是被人为引入美国以及其他地区的，概括了二三段的内容，正确;选项 C 说 raccoon 不大可能继续增加数量，是不对的，根据第二段前三句话我们可以知道，raccoon 数量很可能继续增长;选项 D 说 raccoon 来自南加拿大，迁移去了西部，与原文相反，不选;选项 E 说 coyotes 进入 raccoon 的美国栖息地后，raccoon 迁移去了加拿大，这个原文中没说;选项 F 说了影响 raccoons 数量的两个因素，狼和 coyotes，总结了第五六段的内容，正确。综合起来选择 A，B，F。

1. According to paragraph 1, which of the following is true of transgenic plants that produce the protein Bt? A. They are resistant to certain herbicides.

B. They grow best in the United States.

C. They were treated with the chemicals glypho**sat**e.

D. They are resistant to destruction by insects. Paragraph 1 is marked with ►

**答案：**

D 选项正确**解析：**

本题根据题干给出的两个关键词 transgenic plants 和 protein Bt 定位到原文中的第一段，第一段里出题点在这半句话：they contain an insect-resistant gene that produces a protein called Bt toxin。这半句话的意思是含有 Bt 蛋白质基因的植物可以抵抗害虫。选项 D 符合。选项 A 说它们可以抵抗除草剂，选项 B 说它们在美国生长地最好，选项 C 说它们被施加了一种农药草甘膦，都不符合原文意思。选择 D。

2. According to paragraph 2, supporters claim that producing transgenic plants enables farmers to A. increase crop production by up to 21 percent

B. use fewer and less toxic chemicals

C. control weeds without the use of glyphosate D. take advantage of more effective herbicides Paragraph 2 is marked with ►

**答案：**

B 选项正确**解析：**

本题根据题干给的关键词 enable farmers 定位到这一句：On the positive side, proponents of transgenic crops argue that these crops are environmentally friendly because they allow farmers to use fewer and less noxious chemicals for crop production. 本句的大体意思是：转基因作物的支持者说这些植物是环境友好的，因为它们可以让使用的农药量变少。选项 B 是正确的同义转述。选项 A 说可以增加产量，选项 C 说可以不用草甘膦控制野草，选项 D 说可以利用更有效果的除草剂，都不符合原文。选择 B。

3. The word "persistent" in the passage in closest in meaning to A. harmful

B. long lasting C. expensive

D. hard to control

Paragraph 2 is marked with ► **答案：**

B 选项正确**解析：**

本题根据所考察的词汇定位到原文中这一句：In addition, when glyphosate is used to control weeds, other, more persistent herbicides do not need to be applied. 本句的大意是：另外，草甘膦被用于控制杂草时，其他的更加效果持久的除草剂就不需要再用了。persistent 的意思是长时间的。选项 A 是有害的，选项 B 是长期的持久的，选项 C 是贵的，选项 D 是难以控制的。选项 B 最贴合 persistent 的意思，选择 B。

4. Which of the following can be inferred about monarch caterpillars from paragraph 3? A. They often cause damage to corn crops.

B. They are the only species that is immune to Bt toxin. C. They are considered beneficial insects.

D. Their reactions to Bt pollen have not yet been studied. Paragraph 3 is marked with ►

**答案：**

C 选项正确**解析：**

本题根据题干所给关键词 monarch caterpillar 进行定位，找到原文中这一句：For example, monarch caterpillars feeding on milkweed plants near Bt cornfields will eat some com pollen that has fallen on the milkweed leaves. for example 告诉我们 monarch caterpillar 是作为例子去证实前一句所说的 Bt plants have on nontarget organisms such as beneficial insects, worms, and birds that consume the genetically engineered crop 的。所以 monarch caterpillar 在这里是作为有益处昆虫出现的，选项 C 符合。其余三个选项原文中都没有提到。选择 C。

5. What conclusion does the author make in paragraph 3 about the effect of Bt plants on notarget organisms?

A. Bt toxins do not affect nontarget organisms because the toxins only harm pests that eat the leaves, stems, or fruit of the plants.

B. Bt plants have been shown in field studies to cause great harm to nontarget organisms.

C. Bt plants do not cause as much harm to nontarget species as the use of conventional pesticides.

D. Even if Bt toxins do not affect the insects that feed on the plants, they have harmful effects on birds that eat these insects.

Paragraph 3 is marked with ► **答案：**

C 选项正确**解析：**

本题的出题点在第五段最后两句：However, field tests indicate that Bt corn is not likely to harm monarchs. Furthermore, the application of pesticides (the alternative to growing Bt plants) has been demonstrated to cause widespread harm to nontarget insects. 这两句对比说明 Bt 作物不会伤害毛毛虫，但是杀虫剂的使用是会伤害它们这种非靶向物种的。选项 C 说 Bt 植物对非靶向物种的伤害比杀虫剂小，正确。选项 A 说 Bt 物质不会伤害非靶向物种，错误，只是伤害比杀虫剂小而已;选项 B 说 Bt 物质杀伤力非常大，错误，其实并不大;选项 D 说即使 Bt 物质不伤害以这种作物为食的昆虫，但是会伤害鸟类，错误。选择 C。

6. The word "perpetuated" in the passage is closest in meaning to A. continued

B. reproduced C. observed D. spread

Paragraph 4 is marked with ► **答案：**

A 选项正确**解析：**

本题根据所考察的单词定位到这一句：If the crop plants hybridize and reproduce with weedy relatives, then this herbicide-resistant gene will be perpetuated in the offspring. 本句大致意思是：如果农作物与杂草杂交，然后这种抗除草剂的基因就会一直保存在后代身上。perpetuate 的意思是不朽，长存。选项 A 是持续的，选项 B 是再生产的，选项 C 是观察的，选项 D 是传播的。选项 A 最贴合 perpetuate 的意思。选择 A。

7. The word "scenario" in the passage is closest in meaning to A. effect

B. problem

C. resistance D. situation

Paragraph 4 is marked with ► **答案：**

D 选项正确**解析：**

本题根据所考察的单词定位到这一句：This scenario is not likely to occur in many instances because there are no weedy relatives growing near the crop plant. 本句大致意思是：这种情况不容易广泛发生，因为在这种作物周围一般是没有杂草存在的。

scenario 的意思是情景，场景，情况。选项 A 的意思是影响，选项 B 的意思是问题，选项 C 的意思是阻力，选项 D 的意思是场景。选项 D 最符合 scenario 的意思，选择 D。

8. Why does the author mention "mustard weed species" in the discussion of plants that hybridize?

A. To give an example of a weed that may become resistant to glyphosate due to hybridizing with a transgenic plant.

B. To argue that creating transgenic plants in the laboratory is not always necessary, as some can be created through hybridizing in the fields.

C. To provide evidence that competition from related species of plants can be a serious problem for transgenic plants. D. To support the claim that it is difficult to determine whether or not a crop plant has been planted a safe distance from weedy relatives.

Paragraph 4 is marked with ► **答案：** A 选项正确

**解析：**

本题题干给的关键词是 mustard weed species 和 hybridize，带着关键词回溯原文，找到这里：For example, canola readily hybridizes with mustard weed species and could transfer its herbicide-resistant genes to those weeds. 结合前文，本句的大意是：例如 canola 这种作物就可以与 mustard 这种杂草杂交，把它的抗除草剂基因传给这种杂草。所以作者在这里的意思是举例杂交可以使得杂草具有抗除草剂的基因。选项 A 正确。选项 B 说为了论证没必要创造转基因作物，选项 C 说为了证明相关物种和转基因作物的竞争很重要，选项 D 说为了支持很难把作物和杂草隔开一段安全距离种植，都是不合原文意思的。选择 A。

9. Paragraph 5 makes all of the following claims about Bt resistance in insect populations EXCEPT:

A. Regular use of Bt pesticides has not created resistant insect populations, so the use of Bt plants is probably safe as well.

B. The evolution of Bt-resistant insect populations will happen eventually if use of transgenic plants becomes widespread. C. Because Bt plants are toxic at all times and in all tissues, they allow only Bt- resistant insects to survive and reproduce.

D. Planting nontransgenic plants alongside Bt plants may help Bt-susceptible insects to remain part of the population. Paragraph 5 is marked with ►

**答案：** A 选项正确**解析：**

本题的出题点分布在整个第五段。选项 A 涉及到 Bt 杀虫剂不会导致昆虫产生抗性，所以具有 Bt 基因的作物的使用是安全的，不对，

Bt 基因作物的使用是有风险的，整段都在讲这种作物使昆虫产生抗药性的事情;选项 B 涉及到 We know that evolution will occur when transgenic plants grown on a large scale over a period of time，是这句话的同义转述，正确;选项 C 是涉及到 However, transgenic Bt plants express the toxin in all tissues throughout growing season. Therefore, all insects carrying genes that make them susceptible to the toxin will die.Bt 基因的作物会杀死除了带有抗性基因的所有昆虫，正确;选项 D 依据 for example, planting nontransgenic border rows to provide a refuge for susceptible insects，种植不带转基因的作物使解决办法之一， 正确。选择 A。

10. Which of the sentences below best expresses the essential information in the highlighted sentence in the passage? Incorrect choices change the meaning in important ways or leave out essential information.

A. The transgenic crop plants currently in use are probably far behind the transgenic plants of the future in terms of their sustainability.

B. Farmers who use transgenic crop plants are heading toward practices that allow natural resources to continually regenerate over the long run.

C. Transgenic crop plants may be used in place of other, more sustainable agricultural practices, and this is perhaps their biggest disadvantage.

D. Perhaps the most serious concern about the transgenic crop plants currently in use is the possibility that they may not be sustainable over the long run.

Paragraph 6 is marked with ► **答案：**

D 选项正确**解析：**

本题根据所考察的单词定位到这一句：Perhaps the most serious concern about the transgenic crop plants currently in use is that they encourage farmers to move farther away from sustainable agricultural farming practices, meaning ones that allow natural resources to continually regenerate over the long run. 这句话的大体意思是：也许转基因作物带来的最严重问题是， 它让农民开始放弃可持续性的耕作方式，放弃了那种可以让自然资源在长期自己再生的那种耕作方式。选项 D 是本句的同义转述。选项 A 说现在用的转基因作物比将来的可持续性差，原文中没有提到;选项 B 说农民将要进行可持续的耕作活动，意思与这句话相悖;选项 C 说转基因作物可以被用在更有持续性的地方，原文中没有提及。选择 D。

11. According to paragraph 6, a sustainable approach to weed and pest control includes all of the following EXCEPT A. watching the fields closely to determine when weeds or pests are actually a problem

B. applying pesticides unless or until pesticides are needed

C. using only one type of herbicide throughout the growing season D. planting nontransgenic crops

Paragraph 6 is marked with ► **答案：**

C 选项正确**解析：**

本题的选择依据集中在第六段后半部分。选项 A 的依据是 monitor the fields throughout the growing season，即全程监控作物生长情况;选项 B 的依据是 then apply a pesticide only if and when needed，即只在需要的时候使用杀虫剂;选项 D 的依据是 A more sustainable approach would be to plant nontransgenic corn，耕作无转基因的作物。选项 C 说的一个耕作季节只用一种杀虫剂， 根据前文我们知道这样很容易让昆虫剩下全是抗性的昆虫，错误。选择 C。

12. The word "superficially" in the passage is closest in meaning to A. in the opinion of experts

B. at the present moment C. when done properly

D. without deeper analysis Paragraph 6 is marked with ► **答案：** D 选项正确

**解析：**

本题根据所考察的单词定位到这一句：Transgenics, at least superficially, simplify farming by reducing the choices made by the manager. 本句的大意是：转基因，最起码在表面上通过减少管理者的可选项而简化了耕作过程(本句意思较抽象，具体而言是：

选择了具有哪种农药抗性的作物，使用的农药种类就固定了，只能用作物具有抗性的那一种，因此农民不需要再在多种农药中选择了)。

superficially 的意思是表面上。选项 A 是根据专家意见，选项 B 是在当前，选项 C 是当恰当地做以后，选项 D 是没有更深的分析。选项 D 最贴合 superficially 的意思，选择 D。

13. Look at the four squares [■]that indicate where the following sentence could be added to the passage.

It is especially rare in the United States, where most transgenic plants are grown, because most of the crops grown in the United States originated elsewhere.

Where would the sentence best fit?

Click on a square [■] to insert the sentence in the passage. **答案：**

D 选项正确**解析：**

本题需要先分析需要插入的句子：It is especially rare in the United States, where most transgenic plants are grown, because most of the crops grown in the United States originated elsewhere. 本句开头的 especially 暗示了前文应该说到了一个比较广泛的事情，这一句接着细化，继续说明。带着这个预设我们去一一尝试四个可插入位置，发现最后一个合适。它前面一句讲的是这种情况不大可能发生，需要插入句子接着说明在美国这种情况很少见，后面一句转折说明但是某些情况下，这个问题会变得严重。三句话逻辑链条合理而且完整。选择 D。

14. Directions: An introductory sentence for a brief summary of the passage is provided below. Complete the summary by selecting THREE answer choices that express the most important ideas in the passage. Some answer choices do not belong

in summary because the express ideas that are not presented in the passage or are minor ideas in the passage. The Question is worth 2 points

Transgenic plants include genes from other organisms that make them resistant to glyphosate or toxic to insects. Answers Choices

A. Proponents of transgenic plants argue that they reduce the use of harmful pesticides and allow the use of more environmentally friendly herbicides.

B. Use of transgenic plants may lead farmers to neglect more sustainable agricultural practices, and may also cause harm to nontarget organisms.

C. Over the long term, transgenic plants are likely to lose their glyphosate resistance through evolution and hybridization with nonresistant relatives.

D. Opponents of transgenic plants worry that resistance to glyphosate may spread to weeds and that resistance to Bt toxin may develop among insect pests.

E. One argument against Bt plants is that some of the most harmful pests are not Bt susceptible, making application of supplementary pesticides necessary.

F. Many of the problems identified with transgenic plants today will likely disappear as scientists design transgenic plants that are more ecologically friendly.

Drag your answer choices to the space where they belong. To remove an answer choice, double click on it. **答案：**

ABD 选项正确

**解析：**

本题需要依次分析每个选项。选项 A 说转基因作物的支持者认为这些作物降低了有害杀虫剂的使用，并且允许使用更加环境友好的除草剂，概括了第二段的内容，正确;选项 B 说转基因作物的两个坏处，概括了第三段和第六段的内容，正确;选项 C 认为时间一长，转基因作物容易失去抗性，原文中没有提到这个，错误;选项 D 说转基因作物的反对者担心抗药基因传入杂草中，概括了第四段的主要内容，正确;选项 E 说一些最有害的害虫对于 Bt 物质是有抗性的，原文中没有提到，错误;选项 F 说很多转基因作物的问题在现在会消失， 但是第六段只是提出了几种解决办法，并不能彻底解决问题，错误。综合起来选择 A，B，D。