

For questions 1 through 6, select one entry for each blank from the corresponding column of choices. Fill all blanks in the way that best completes the text.

1 of 20

Many fashions that were considered daring in their time have been so widely worn and imitated that the (i) _____ style is no longer seen as (ii) _____ .

Blank (i)	Blank (ii)
proposed	outlandish
original	commonplace
revealing	copied

2 of 20

Western culture has so influenced Middle Eastern music that even the latter's roles of composer and performer, at one time inseparable, have now begun to _____ .

divulge
retreat
retrench
diverge
fuse

3 of 20

Kazan was quickly (i) _____ by many of his contemporaries for his transgression, who saw his testimony as treachery, an act of (ii) _____ which stained how they viewed him both as an artist and as a man. It was only by continually making films that he was able to (iii) _____ his perceived sins and achieve some measure of atonement.

Blank (i)	Blank (ii)	Blank (iii)
rebuked	perfidy	exacerbate
lauded	sophistry	deviate
mitigated	redemption	expiate

4 of 20

Although tranquilizers usually have a _____ effect, this is not always the case, especially when the abuse of these drugs results in a failure to induce the much-desired sleep.

soporific
sedulous
coruscating
debilitating
penetrating

5 of 20

As a rule, (i) _____ interpretations of events are rejected by modern scientists in their attempts to find secular insights into the matrix of causes and effects in our modern world. Paradoxically, this fact does not (ii) _____ the existence of individual scientists who possess views that may be (iii) _____ with a belief in supernatural causes.

Blank (i)	Blank (ii)	Blank (iii)
falsifiable	countenance	at variance
preternatural	enhance	consonant
teleological	preclude	discrepant

6 of 20

The Johnsons were not known for their (i) _____ ; at the very least, none of the family members was fearful of (ii) _____ , of appearing or acting differently from other people.

Blank (i)	Blank (ii)
candor	pettiness
vulgarity	eccentricity
conformity	complaisance

For each of Questions 7 to 12, select one answer choice unless otherwise instructed.

Questions 7 through 10 are based on the following reading passage.

According to most scientists, the universe began approximately 10 to 15 billion years ago and has been expanding ever since. This theory, known as the Big Bang theory, is the fairly direct result of Hubble's law, which states that objects farther away from Earth are receding faster than those closer. This expansion implies a singular point which all matter is expanding from.

Complicating the scientific explanation is that the Big Bang cannot be thought of as an explosion from some identifiable source—rather, space and time were created in the Big Bang. Furthermore, the relationship between distance and speed is not precisely linear. So, if one were to think of galaxies as particles created in a big bang, these galaxies have both a local component of motion, as well as playing a role in the overall expansion of the universe.

A further complication is that galactic distances are so great that galactic motion, even if the galaxies are moving at incredible speeds, is difficult to observe. Scientists must therefore rely on a “standard candle,” an object of known brightness within the galaxy they wish to observe. Using the inverse square law, scientists can then measure how far that galaxy is away from our own. For instance, suppose a supernova in galaxy A appears one hundred times as bright as one in galaxy B. By the inverse square law, galaxy B is ten times farther away than galaxy A, assuming, of course, that distance is the only factor affecting brightness.

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It can be inferred from the sentence highlighted in the passage that a standard candle is useful to scientists for which of the following reasons?

- Standard candles do not have their own locus of motion.
- Standard candles more reliably adhere to the law of inverse squares than do other supernovas.
- Only standard candles provide a known measure of brightness.
- Knowledge of an object's brightness allows scientists to measure the speed at which the object is moving toward Earth.
- Knowledge of an object's brightness allows scientists to accurately measure its distance from Earth.

8 of 20

Consider each of the choices separately and select all that apply.

According to the passage, if two astronomical objects of differing distances from Earth were observed, which of the following would be true of the object closer to Earth?

- It would not be as bright as the object farther from Earth.
- It would be younger than the object farther from Earth.
- It would be traveling away from the Earth more slowly than the farther object.

9 of 20

It can be inferred from the passage that a standard candle may not provide an accurate measure of distance if

- the galaxy being measured is moving too quickly
- interstellar dust makes the object measured appear dimmer than it really is
- if the galaxy being measured has a local component of measurement
- the particles being measured do not completely accord with a linear motion
- the galaxies being measured move at different speeds

10 of 20

According to the passage, if two supernovas are observed and one of those supernovas is brighter than the other, scientists can conclude that

- the brighter supernova is moving closer to our galaxy at a higher speed
- the precise location of the supernova is measurable
- the brighter supernova may be closer to our own galaxy
- the brighter supernova is farther away from Earth by a distance that is roughly inversely proportional to the dim supernova
- the distance between the supernovas and our own galaxy is inversely proportional

Questions 11 through 12 are based on the following reading passage.

Throughout the twentieth century, it was accepted as fact that cells in our brains, called neurons, do not regenerate. Research by neurologist Elizabeth Gould overturned this core doctrine within the span of a few years. Her experiments on rats showed that even after suffering severe trauma, their brains were able to heal themselves by regenerating neurons. Gould's findings have incited a flood of new research into applications that may take advantage of neurogenesis.

One such study examines the role of reduced neurogenesis among individuals suffering from depression. It is speculated that neurogenesis may contribute to an explanation for the so called "Prozac lag." As an antidepressant, the immediate boost of serotonin caused by Prozac should have had instantaneous mood elevating effects. However, patients suffering from depression only begin to experience mood elevation weeks after beginning treatment. The study speculates that during this period, the brain may be regenerating neurons.

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The author mentions the "Prozac lag" primarily in order to

- raise a possible objection to a newly proposed theory
- present a situation for which a new theory may serve an explanatory role
- offer evidence that runs counter to a previously held belief
- suggest a counterexample that undermines a newly proposed theory
- provide supporting evidence that a newly discovered phenomenon may have unforeseen effects

12 of 20

In the second paragraph, select the sentence in which the author describes an unexpected observation.

For questions 13 through 16, select the two answer choices that, when used to complete the sentence, fit the meaning of the sentence as a whole and produce completed sentences that are alike in meaning.

13 of 20

Plato, an important philosopher, is primarily known because he wrote down Socrates's _____ conversations. It is through Plato's record of these dialogues that Socrates's teachings have survived and continue to enlighten seekers of wisdom.

- inspiring
- edifying
- tedious
- grating
- rousing
- didactic

14 of 20

Even the colossal meal failed to _____ her voracious appetite.

- cadge
- exacerbate
- provoke
- satiate
- mendicate
- allay

15 of 20

Slicks of oil on a rain-soaked street are _____ and beautiful, but the lovely rainbows they produce on the asphalt can seem rather ugly when one reflects upon the road hazards they create and the environmental damage they entail.

- anodyne
- iridescent
- monocoque
- pavonine
- parietal
- saturnine

16 of 20

He had not always been so callous, but with time he became _____ to the violence around him.

- adorned
- cauterized
- sensitized
- ostracized
- inured
- attuned

For each of Questions 17 to 20, select one answer choice unless otherwise instructed.

17 of 20

When the maker of Megapower, a vitamin supplement, modified its formula two years ago, Tasmania, an island off the coast of New Zealand, suffered a decrease in its export earnings. Tasmania's only export, kiwi fruit, constitutes a substantial portion of the world supply of that fruit. Researchers concluded that the old Megapower formula contained natural kiwi extract, but the new formula does not.

Which of the following, if true, gives the strongest support for the researchers' claim?

- Some South American countries have begun to grow kiwi fruit successfully.
- United States chemists have started development of a synthetic kiwi extract.
- The manufacturers of Megapower chose not to renew their contract with the Tasmanian kiwi growers.
- Imports of kiwi fruit have fallen in the country where Megapower is manufactured.
- There was a marked drop in sales of a number of formerly profitable items that used kiwi as an ingredient.

Questions 18 through 20 are based on the following reading passage.

While art historians do not necessarily agree on the date of the birth of modern art, they do agree that mid-nineteenth century French art shows a clear and distinct break from tradition. Pressed to point to a single picture that represents the vanguard of the modern art movement, art historians will often point to Courbet's *The Painter's Studio*.

The peculiar subtitle of Courbet's work, "Real allegory summing up a seven-year period of my life" confirms that Courbet was striving to do something strikingly original with his work. The argument has been made that the painting struck a blow for the independence of the artist, and that since Courbet's work, artists have felt freed from the societal demands placed upon their work. Paintings prior to Courbet's time were most often focused on depicting events from the Bible, history, or literature. With his singular painting, Courbet **promulgated** the idea that an artist is capable of representing only that which he can experience through his senses of sight and touch; the true artist will then be compelled to make his representation as simply and directly as possible.

18 of 20

Which of the following would most effectively replace the word **promulgated** as it is used in the context of the passage?

- Displayed
- Disseminated
- Proclaimed
- Concealed
- Secreted

19 of 20

Select the sentence in the passage that best explains the effect of Courbet's work on other artists.

20 of 20

The effect that Courbet had on painting is most analogous to which situation?

- An avant-garde writer who subverts novelistic conventions
- A machinist who tinkers and improves his invention
- A watercolor painter who paints in the same style as his peers
- A scientist who comes up with a unified theory of several discordant scientific ideas
- A seamstress who makes a ball gown using several different types of fabric