



# SMART CHALLENGERS

## SMART CHALLENGERS – SEPTEMBER 2022

1. Read the following sentence and choose the best definition for the italicized word by searching for context clues in the sentence.

Excited about winning the award, Marcia walked up to the podium and delivered an *animated* acceptance speech.

A	abbreviated
B	courteous
C	reserved
D	lively

2. Read the following text carefully:

Donna’s memo caused much contention around the office last week. She may have meant well, but her usually caustic tone offended almost everybody. She has become a consistent nuisance at work, and probably should be fired.

Based on the tone of the passage, which of the following words best describes the author’s attitude toward Donna?

A	exasperated
B	admiring
C	patronizing
D	isolated

3. Find the suitable analogy matching the pair given

sound is to cacophony as:

A	taste : style
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B	touch : massage
C	smell : stench
D	sight : panorama

4. Read the following text :

The best recipes for clam chowder all include onions and a bay leaf. The onions add a sharpness and zest to the blandness of the clams, and also help remove their slimy texture. The bay leaf complements the onion's strong flavor.

This paragraph best supports the statement that:

A	onions were once thought to be poisonous.
B	bay leaves are essential in many soups.
C	clam chowder is very nutritious.
D	onions and bay leaves go well with clams.

5. For the following paragraph which one is the topic sentence ?

\_\_\_\_\_ . It rained in April; it rained in May. It rained in the mornings; it rained in the afternoons. It poured, it drizzled, it showered, it misted—but always it rained. But the good news is we won't have a drought this summer.

A	The rain makes me gloomy.
B	This spring was the rainiest on record.
C	Rain is nice, but I prefer sunshine.
D	Scientists know very little about the global climate.

6. Read the following text :

Sushi, the thousand-year-old Japanese delicacy, started small in the United States, in a handful of restaurants in big cities. Today, sushi consumption in America is 50% greater than it was ten years ago and not just in restaurants. Sushi is also sold at concession

stands in sports stadiums, university dining halls, and in supermarkets throughout the country.

Q. This paragraph best supports the statement that:

A	sushi is now a fast food as popular as hot dogs, burgers, and fries.
B	more sushi is sold in restaurants than in supermarkets.
C	. Americans are more adventurous eaters than they were in the past.
D	sushi wasn't always widely available in the United States

7. For the final question, choose the sentence that does not support the given topic sentence.

In ancient Greece, honor was not just the domain of the warrior.

A	A great orator [speaker], who could sway the public with his logic and wit, was greatly respected.
B	A revered poet's name lived on long after he died.
C	Great wealth was characteristic of the truly great kings.
D	A warrior's quest for the esteem of his peers would bring him great prizes, which would secure a long-lasting reputation.

8. A is 40% of B. What percentage is B of A?

A	60%
B	140%
C	250%
D	160%

9. The number of 3-digit numbers divisible by 6 is

A	150
B	149

C	151
D	166
10. A clock strikes once at 1 o'clock, twice at 2 o'clock, thrice at 3 o'clock and so on. How many times will it strike in 24 hours?	
A	156
B	78
C	136
D	196
11. 125 gallons of a mixture contains 20% water. What amount of additional water should be added such that water content be raised to 25%?	
A	7 ½ gallons
B	17/2 gallons
C	19/2 gallons
D	8 ⅓ gallons
12. From the alternatives, select the set which is most alike the set (23, 29, 31)	
A	(17, 21, 29)
B	(41, 43, 47)
C	(13, 15, 23)
D	(31, 37, 49)
13. A river flows west to east and on the way turns left and go in a semi-circle round a hillock, and then turns left at right-angles. In what direction is the river finally flowing?	

A	North
B	East
C	West
D	South

14. Tom was not at school on Saturday last. He was first absent for four days before that. Today is Monday, the 31st of October. When was Tom first absent?

A	Monday, Oct 24
B	Wednesday, Oct 26
C	Thursday, Oct 27
D	Tuesday, Oct 25

15. The lowest possible temperature that could ever be recorded for the gases is called Absolute zero and its value is

A	100 degree centigrade
B	0 degree centigrade
C	0 Kelvin
D	100 Kelvin

16. An mRNA is 429 nucleotides long. The number of amino acids in the polypeptide chain formed from this mRNA is

A	142
B	143
C	141

D	145
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17. You are tossing popcorn straight up and catching it in your mouth. The velocity and acceleration of popcorn at the moment each piece of it reaches the peak height is	
A	Downwards, Downwards
B	Zero, Downwards
C	Zero, Zero
D	Downwards, Zero

18. What will cause an increase in a country's rate of inflation?	
A	discount on food prices at the major supermarkets
B	lower consumer and business confidence in the economy
C	lower rates of interest
D	subsidised energy prices

19. What is a working capital for a business?	
A	it is the capital earned by the business from its activities
B	it is the difference between assets and liabilities
C	It is the capital required for the day to day affairs of the business.
D	It is the capital required for the future activities of the business.

20. In the late 1800s, the Supreme Court's decision in Plessy v. Ferguson —	
A	Established a legal remedy for victims of discrimination.
B	Created a legal justification for segregation laws.
C	Affirmed the legality of federal regulation of state elections.

D	Recognized public protests as a legal form of civil disobedience.
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21. What type of device would allow a vehicle to place a warning on the dashboard, which might also notify the car's owner and the manufacturer?

A	digital network
B	generator
C	smartphone
D	sensor