



SMART CHALLENGERS

SMART CHALLENGERS QUESTIONS – NOVEMBER

1. Identify which sentences are arranged properly to make a meaningful paragraph.

- a. Clearly, a number of factors have contributed to its remarkable appearance.
- b. The result is a unique story of land collisions and erosions, and of rising and falling water levels.
- c. Experts who have analysed the rock formations say that, historically, it goes back to nearly two billion years.
- d. Anyone who has ever visited the Grand Canyon will agree that it's one of the most incredible sights in the world.
- e. The geological processes that have taken place since then are exposed for everyone to see, not hidden beneath vegetation or a fast-flowing water

A	a,b,d,c,e
B	c,d,a,b,e
C	b,e,d,a,c
D	d,a,c,e,b

2. Punctuate the following sentences correctly.

as she looked out from the rooftop she saw many famous landmarks including the famous eiffel tower

A	As she looked out from the rooftop she saw many famous landmarks, including the famous Eiffel tower.
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B	As she looked out from the rooftop she saw many famous landmarks including the famous Eiffel tower
C	As she looked out from the rooftop, she saw many famous landmarks including the famous Eiffel tower.
D	As she looked out from the rooftop she saw many famous landmarks including the famous eiffel tower.

3. Choose the best topic sentence.

_____ Unlike many breeds of dogs, they do not need a lot of exercise every day. Crowds and loud noises do not make them nervous. Also, they do not mind being alone for hours if you need to be away from work. On top of all this, they are known to be patient and loving with children. If you are a city-dwelling family and looking for a pet, I highly recommend this breed of dog.

A	Every family should have a dog.
B	Greyhounds are a good choice of dogs for people who live in cities.
C	Not all dogs are happy living in the city.
D	All breeds of dogs are pretty much alike.

4. Our holistic headache medication will get rid of your headache with just one pill and fewer side effects than aspirin or ibuprofen. Be good to your body and try it today.

What's the purpose of this text?

A	To entertain
B	To inform
C	To advice
D	To persuade

5. People tend to think that new technology or devices is an act of genius; something that requires vision and insight to create and then develop into a marketable product. The fact is that innovations were often already 'out there' in the public domain in some form or another. They tend to evolve from notions that have been around for years but that had not, until that point, been suitably adapted. One expert calls this the 'long

nose' approach to innovation, whereby new concepts come into the world slowly, gradually offering what they had to offer.

What's the writer's main point about innovation?

A	Many new products fail to interest consumers.
B	New products are not always based on new ideas.
C	Creators of new products require a unique set of skills.
D	New products are easy to distinguish from old ones.

6. After hours of searching for the missing keys in the dark park, they realized they had been on a wild goose chase because the keys were actually in the car.

What does 'wild goose chase' mean?

A	Productive
B	Chasing a goose in the wild.
C	Significant
D	Futile

7. Imagine you are in a shop, and you are offered a choice of two gift vouchers. Which one would you go for? Try to decide quickly!

- A £10 gift voucher FREE!
- A £20 gift voucher for £7

What effect does the word "free" have on consumers' ability to make decisions?

A	A. It prevents them from making decisions.
B	It slows down their decision-making.
C	It makes their decisions more thoughtful.
D	It makes their decisions less thoughtful.

8. How many times can we subtract 10 from 100?

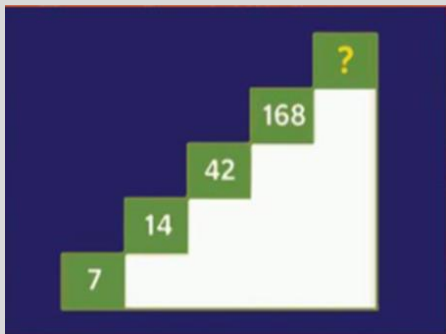
A	10
B	9

C	1
D	0

9. If a hen and a half lay an egg and a half in a day and a half, how many eggs will half a dozen hens lay in half a dozen days?

A	half a dozen
B	16
C	1 dozen
D	24

10. Proceeding up the staircase, the numbers form a logical sequence. What number belongs on the top step?



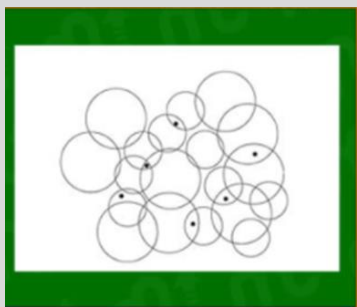
A	840
B	480
C	332
D	680

11. 1. A man is climbing up a mountain which is inclined. He has to travel 100 km to reach the top of the mountain. Every day He climbs up 2 km forward in day time. Exhausted, he then takes rest there at night time. At night, while he is asleep, he slips down 1 km backward because the mountain is inclined.
Then how many days does it take him to reach the mountain top?

A	100
B	99
C	98

D	101
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12. Count the number of circles that contain a black dot?



A	13
B	12
C	20
D	10

13. Which number should replace the question mark "?"

17	8	5	5
13	7	5	4
6	12	6	3
10	6	4	?

A	4
B	5
C	6
D	7

14. It is 9 am now, Rita studies for 2 hours, takes a bath for 1 hour and then has lunch for 1 hour. How many hours are left before 9 am tomorrow?

A	10 hours
B	21 hours
C	20 hours
D	8 hours

15. Which of the following elements will form an acidic oxide?	
A	An element with atomic number 7
B	An element with atomic number 3
C	An element with atomic number 12
D	An element with atomic number 1

16. Which of the following factors is not responsible for the denaturation of proteins?	
A	Heat
B	Charge
C	pH change
D	Organic solvents

17. Which of the following is correct about acceleration due to gravity?	
A	it increases with depth
B	it decreases with depth
C	it is independent of depth
D	None of the above

18. Which of the following measures will help to improve occupational mobility?	
A	Lower rates of corporation tax
B	Monetary policy
C	Investment in government training schemes
D	Increase in welfare benefits

19. Which of the following is an example of an internal economy of scale?	
A	Risk-bearing economies
B	Improved infrastructure
C	The availability of specialist financiers
D	The availability of a well-qualified and experienced pool of labour

20. Which international agreement to reduce greenhouse-gas emissions was implemented in 2005?	
A	Paris treaty
B	Nuremberg treaty
C	Kyoto Protocol
D	UN pact

21. How does cryptography encrypt data?	
A	By compressing the data to make it smaller
B	By converting data into a secret code
C	By hiding the data on the internet
D	By converting data into random numbers