



SMART CHALLENGERS

SMART CHALLENGERS QUESTIONS – MARCH 2023

1. Sam is the only black sheep in the family. In this sentence black sheep refers to a person	
A	Who is very confident
B	who brought disgrace to the family
C	who is optimistic and enthusiastic
D	who is an animal lover
2. There are words that can be used as both adjectives and adverbs. Pick out the word that can be used both as an adjective and an adverb	
A	fast
B	hard
C	right
D	all the above
3. Complete the sentence given with the most appropriate word from the choices given. Prosperity is to adversity as courage is to -----	
A	Discourage
B	encourage
C	boldness
D	cowardice
4. Complimentary and complementary are examples for	
A	homonyms

B	homophones
C	synonyms
D	acronyms
5. Which statement is true about the given word? PROCRASTINATION	
A	It has 4 syllables
B	It has 5 syllables
C	It has 6 syllables
D	It has 7 syllables
6. which of the following is not a plural Oxen geese duchess feet	
A	oxen
B	geese
C	duchess
D	feet
7. which of the following is not an acronym AED LASER NASA HOTS	
A	AED
B	LASER

C	NASA
D	HOTS

8.

Math Pyramid Brain Teaser

The pyramid structure is as follows:

?			
60		20	
12	4	4	
4	2	1	3

A	260
B	1620
C	1260
D	126

9.

An Octopus has 8 legs.
 A Septapuslus has 6 legs and 2 pairs of wings.
 A Spanepulus has 6 legs and one pair of wings.

Now we have all 3 kinds and a total of 18 creatures in a cage.
 We have a total of 118 legs and 20 pairs of wings.

How many creatures do we have of each kind?

A	Octopus – 7 , Septapuslus – 6 , Spanepulus - 5
B	Octopus – 5 , Septapuslus – 6 , Spanepulus - 7
C	Octopus – 6 , Septapuslus – 5 , Spanepulus - 7
D	Octopus – 5 , Septapuslus – 7 , Spanepulus -6

10.

Buddy and Hermey were both born on Christmas Eve. When Buddy was 6 years old, Hermey was half his age. If Buddy turns 100 years old this Christmas Eve, how old is Hermey going to be?



A	100
B	50
C	94
D	97

11.

What is the last number?

32, 45, 60, 77, ?

A	96
B	137
C	92
D	130

12. Replace each letter for a unique digit so that the equation is correct.

$$(J+O+I+N+T)^3 = \text{JOINT}$$

A	19683
B	19368
C	16893
D	16839

13. This stairway is 3 steps high. How many bricks would be needed to make the stairway 8 steps high?



A	12
B	48
C	36
D	24

14.

$$\text{Apple} + \text{Apple} + \text{Apple} = 30$$

$$\text{Apple} + \text{Banana} + \text{Banana} = 18$$

$$\text{Banana} - \text{Coconut} = 2$$

$$\text{Coconut} + \text{Apple} + \text{Banana} = ??$$

A	12
B	20
C	24
D	14

15. The metal which is widely used in the manufacturing of the air buses due to its specific features is

A	Iron
B	Nickle
C	Copper
D	Aluminium

16. The human genome contains approximately

A	1 billion base pair
B	10 billion base pair
C	2 billion base pair
D	3 billion base pairs

17. If a star is being observed from Earth and its light has shifted towards the red side of the electromagnetic spectrum it would be.....	
A	Moving towards the Earth
B	Moving away from the Earth
C	This is a trick question that cannot be answered
D	It isn't a star, it is a comet.

18. If the interest rate is increased from 1% to 3.5%	
A	Producers will have an incentive to recruit more workers
B	Consumers will take loans to purchase new houses
C	More people will save money in banks
D	It will stimulate economic growth in the country

19. A Bank reconciliation statement is	
A	a document prepared by the bank to verify the transactions
B	a statement prepared to identify the difference between cash book balance and the bank statement balance
C	a statement prepared to reconcile the deposit with the bank
D	a document prepared to verify all online transactions

20. Who served as the final leader of the Soviet Union?	
A	Joseph Stalin .
B	Vladimir Lenin.
C	Mikhail Gorbachev.
D	Grigori Rasputin.

21. .Identify the language which is mainly used for Artificial Intelligent

A	JAVA
B	J2EE
C	PROLOG
D	C