



SMART CHALLENGERS

SMART CHALLENGERS QUESTIONS – SEPTEMBER 2026

1. After the first prototype failed, Mike decided to go back to the drawing board rather than give up. What does the idiom mean?

A	Start the work again from the beginning with a new plan
B	Draw a picture of the problem
C	Ask someone else to finish the work
D	Keep repeating the work

2. Find the word that can be used as both adjective and adverb.

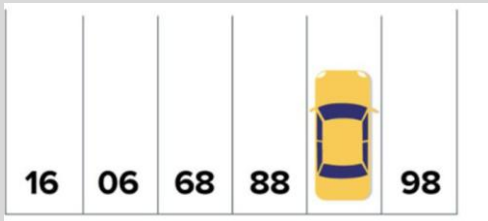
A	sincere
B	fast
C	beautiful
D	anonymous

3. The company announced a “green initiative”, but critics said it was merely window dressing. What do the critics mean?

A	The initiative was expensive
B	The initiative was mainly for appearance
C	The company needed new strategies
D	The plan was environmentally successful

4. The soft and kind breeze touched my hair as if it was consoling me. Find the figure of speech used in this sentence	
A	simile
B	personification
C	Simile and personification
D	metaphor
5. 4. Choose the correct option to fill in the blank. If the student _____ with dedication, he could have succeeded in the entrance test.	
A	Has prepared
B	prepared
C	Would prepare
D	Had prepared
6. Identify the grammatically correct sentence.	
A	My parents as well as my cousin is going to attend the party
B	My parents as well as my cousin are going to attend the party.
C	My parents as well as my cousin has been attending the party
D	My parents as well as my cousin was attending the party
7. Complete the analogical pair with the suitable word. School is to _____ as parliament is to owls.	
A	lions
B	birds
C	fish
D	Tigers

8.What number is the car parked on



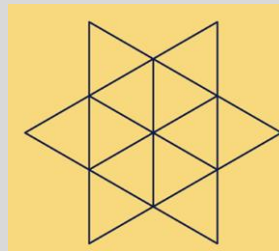
A 89

B 90

C 87

D 91

9.How many triangles are there in the pattern?



A 20

B 19

C 18

D 17

10. A frog has fallen into a pit that is 30 metres deep. Each day the frog climbs up 3 metres but falls back 2 metres at night.How many days does it take for the frog to escape?

A 27 Days

B 29 Days

C 30 Days

D 28 Days

11. Ali is organizing his books on the bookshelves. He puts half of his books on the bottom shelf. Then, he puts two-thirds of the remaining books on the second shelf.

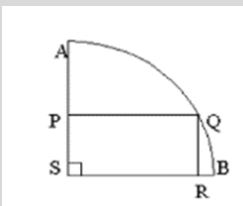
Finally, he divides the remaining books between the third shelf and the top shelf. The top shelf has 3 books, and the third shelf has 4 more books than the top shelf.

What is the total number of books on the bottom shelf?



A	30
B	50
C	60
D	40

12.



BSA shown above is a quarter circle. Rectangle PQRS inscribed in it has sides $PQ = 8\text{cm}$ and $PS = 6\text{cm}$. What is the length of the arc BQA?

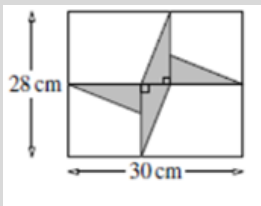
A	5π
B	10π
C	14π
D	25π

13. In the addition shown below, each shape (triangle, square and circle) represents one digit each and different shapes represent different digits. What digit does the square represent?



A	8
B	6
C	4
D	2

14. The diagram shows four congruent right-angled triangles inside a rectangle. What is the total area of the four triangles?



A	46 cm ²
B	52 cm ²
C	54 cm ²
D	56 cm ²

15. Which substance contains **only covalent bonds**?

A	NaCl
B	MgO
C	H ₂ O
D	MgCl ₂

16. Why might stem-cell therapy sometimes increase the risk of tumour formation?	
A	Stem cells cannot divide
B	Uncontrolled stem-cell division may produce abnormal masses of cells
C	Stem cells contain no genetic material
D	Differentiated cells always become cancer cells

17. A student replaces a repeatedly blown fuse in a gaming PC with a fuse having a much higher current rating because “the original fuse was obviously too sensitive.” Why is this dangerous?	
A	The appliance will always use more voltage
B	The fuse may no longer disconnect the circuit before the wiring overheats
C	The higher-rated fuse will reduce the appliance's power
D	The fuse will prevent current from reaching the appliance

18. How can globalisation help a country's economy?	
A	By reducing international trade
B	By increasing trade and investment
C	By stopping foreign companies
D.	By reducing the number of products available

19. Which of the following is a possible disadvantage of TQM?	
A	Waste and inefficiencies rise.
B	It is expensive to implement.
C	It is not recognized globally.
D	It is unclear.

20.A historian argues that industrialisation changed Britain's social structure, not just its technology. Which evidence would best support this argument?	
A	The growth of an urban industrial working class and an expanding industrial middle class
B	The construction of individual farmhouses
C	The increase in Britain's coal reserves
D	The invention of more efficient steam engines alone

21. Which social engineering attack tricks users into revealing sensitive credentials by mimicking legitimate websites?	
A	SPYWARE
B	PHISHING
C	ADWARE
D	PHARMING