



## SMART CHALLENGERS

### SMART CHALLENGERS QUESTIONS – FEBRUARY 2020

1. Choose the missing terms out of the given alternatives.

DKY, FJW, HIU, JHS ..... ?

- A) KGR
- B) LFQ
- C) KFR
- D) LGQ

Ans-

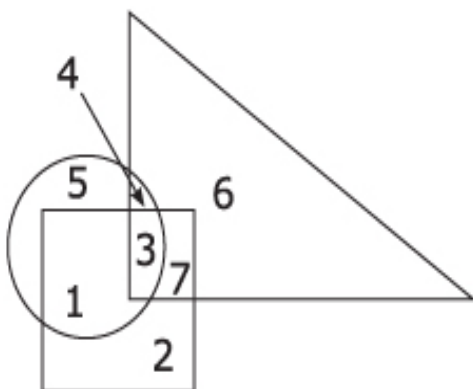
2. Based on the following statements, which is the correct conclusion drawn.

Only gentlemen can become members of the club. Many of the members of the club are officers. Some of the officers have been invited for dinner.

A	All the members of the club have been invited for dinner
B	Some of the officers are not gentlemen
C	All gentlemen are members of the club
D	Only gentlemen have been invited for dinner

Ans:

3.

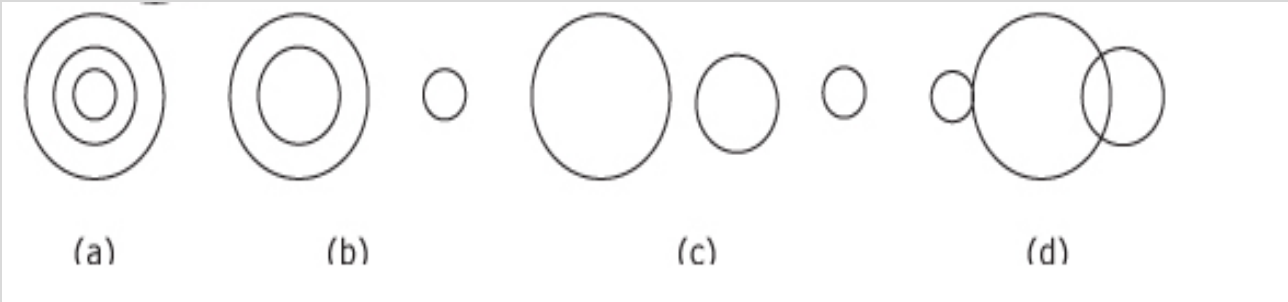
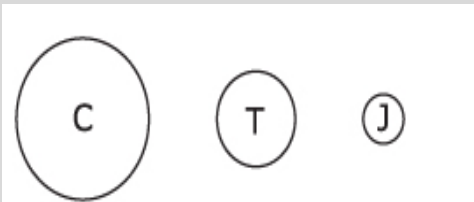


Circle indicates 'strong', square indicates 'tall' and triangle 'army officers'. The strong army officers who are not tall are shown .

- A) 4
- B) 3
- C) 5
- D) 6

Ans:

4. Which of the following figures best depicts the relationship among criminals, thieves and judges ?



- A) a
- B) b
- C) c
- D) d

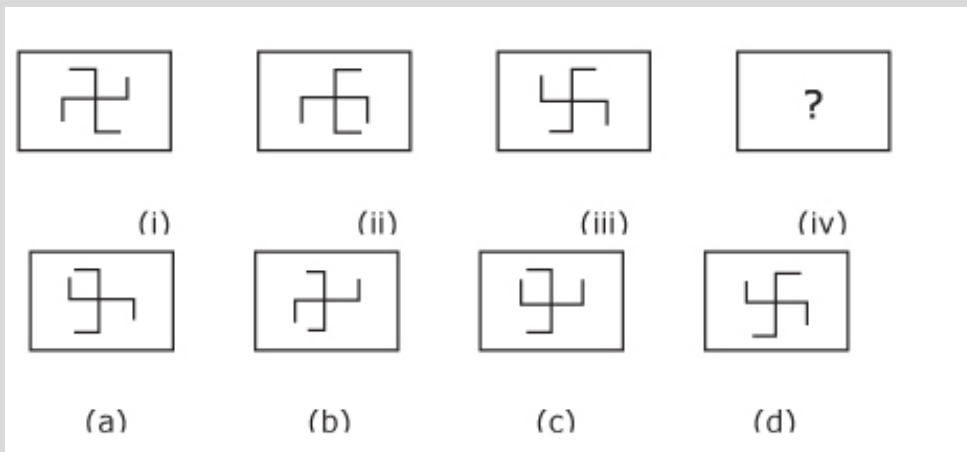
Ans-

5. 240, ?, 120, 40, 10, 2 What is ?

- A) 180
- B) 200
- C) 240
- D) 120

Ans:

6.



Which figure will replace the question mark ?

Ans:

7. The words in the first column are written in a secret code in the second column. However, the secret writings in the second column are not in the same order. What is the code assigned for the letterD?

**BRAIN13529**  
**DRAIN35293**  
**RIVER13754**  
**DRIVE 83754**

- A. 3
- B. 5
- C. 1
- D. 9

Ans:

8. What is the term used to refer to the concentric area on a disk that completes one circumference of the disk?

A	SECTOR
B	TRACK
C	CYLINDER
D	CLUSTER

Ans:

9. A retailer uses the business reply service to reply to an advertisement by the manufacturer. This means that manufacturer pays for the reply, which is sent by

A	Cash on delivery
B	Courier
C	E-mail
D	Ordinary mail

Ans:

10. Over-use of fertilizers on farmland causes the chemicals in the fertilizers to be washed into ponds and lakes. This causes eutrophication resulting in the following events. Identify the correct sequence of these events.

1. Algae grow
2. Fish die
3. Bacteria grow
4. Oxygen decreases

A	a) 1 → 3 → 4 → 2
B	b) 1 → 4 → 3 → 2
C	c) 3 → 4 → 2 → 1
D	d) 4 → 1 → 2 → 3

Ans:

11.

The force of gravity on Jupiter is a little more than 2 times the gravitational force on Earth. If an object has a mass of 50 kg and a weight of 490 N on Earth, what would be the object's approximate mass and weight on Jupiter?

A	50 kg and 490 N
B	100 kg and 490 N
C	50 kg and 980 N
D	100 kg and 980 N

Ans:

12. Deep sea divers use mixture of \_\_\_\_\_.

A	Helium – Oxygen
B	Nitrogen – Oxygen
C	Hydrogen – Nitrogen
D	Helium - Nitrogen Answer
Ans	

13. Which of the following situation is likely to happen when there is recession

A	Low Unemployment
B	Inflation
C	More Foreign investment
D	Less price for goods

Ans

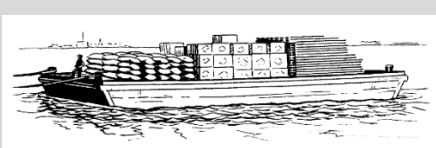
14

Fill in the blank—

Wall : Bricks :: Sonnet : \_\_\_\_\_

Ans

15. What is the similarity in the images given below ?



Ans

16. 3. What is the verb form of the word opinion ? \_\_\_\_\_

Ans

17. The following example is what kind of sentence ?

"Sydney and Sabrina were in the band Sydney played the saxophone Sabrina played percussion"

A	Comma splice
B	Run-on
C	Sentence fragment
D	Complex sentence

Ans

18. Radar is an example of which of the following:

A	Metaphor
B	Abbreviation
C	Acronym
D	Personal pronoun

Ans

19

The baby was an octopus, grabbing for everything in sight. What type of figurative language is used in this sentence?

A	Metaphor
B	Simile
C	Personification
D	Hyperbole
Ans:	

20.

Identify the type of Analogy used in following example:

Broom: Sweep :: Paint brush: paint

A	Characteristic Analogy
B	Function Analogy
C	Cause and Affect Analogy
D	Synonym Analogy
Ans:	