SMART CHALLENGERS QUESTIONS – NOVEMBER 2019

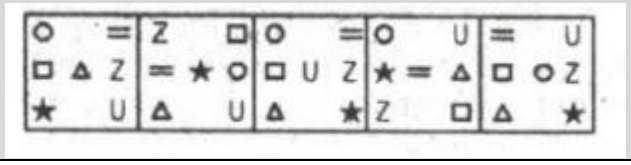
1. In an exam with two subjects, 65% candidates passed the first subject, 55% candidates passed the second subject and 10% candidates failed in both the subjects. If 339 candidates passed in both subjects, then how many candidates wrote the exam?

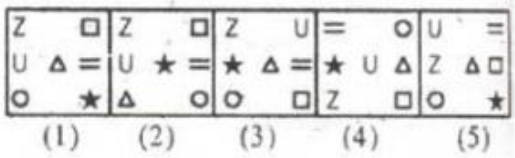
Ans-

2. Prakash walked 30 m towards west, took a left turn and walked 20 m. He again took a left turn and walked 30 m. He then took a right turn and stopped. Towards which direction was he facing when he stopped?

A	south
B	North
C	East
D	Data inadequate
E	None of these

3. Find the next one in the series

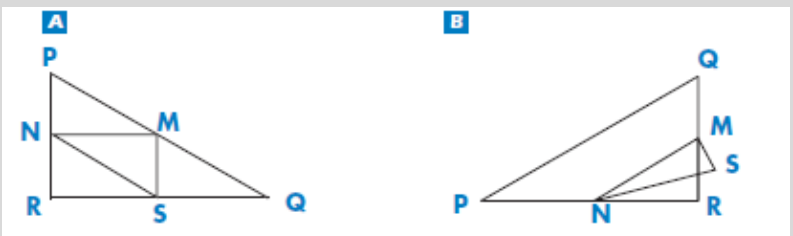


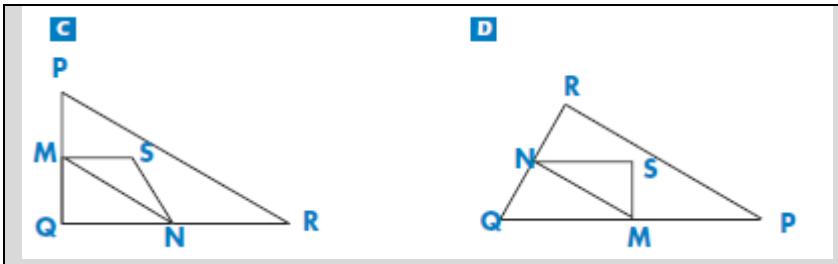


4.

Circle the one figure below that fits the following description.

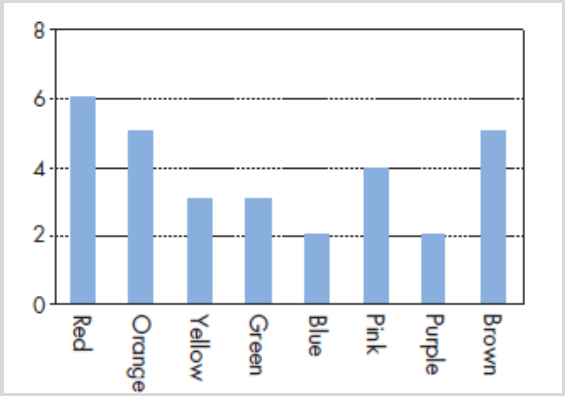
Triangle PQR is a right triangle with right angle at R. The line RQ is less than the line PR. M is the midpoint of the line PQ and N is the midpoint of the line QR. S is a point inside the triangle. The line MN is greater than the line MS.





Ans-

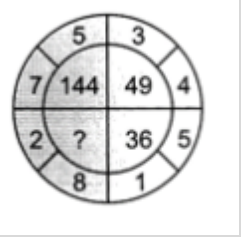
5.



Robert's mother lets him pick one candy from a bag. He can't see the candies. The number of candies of each colour in the bag is shown in the following graph. What is the probability that Robert will pick a red candy.

A	10%
B	20%
C	25%
D	50%

6. Identify the number which replaces the question mark



A	82
B	124
C	100
D	64

7. The average weight of 16 boys in a class is 50.25 Kg and that of the remaining 8 boys is 45.15 kg. Find the average of all the boys in the class.

A	47.55 kg

B	48 kg
C	48.55kg
D	49.25kg

8. It is the most complex of all data processing methods that generally consists of remote terminals linked to a large central computer to help the users conduct inquiries about accounts, business transactions, and other data processing operations.

A	Batch processing
B	On-line processing
C	Real time processing
D	Distributed processing

9. Enver has purchased jewellery from an importer. The jewellery is held in a bonded warehouse at the airport.
What must Enver do before he is allowed to take his jewellery from the warehouse?

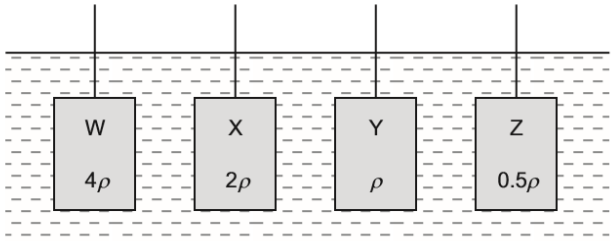
A	Arrange for insurance against the loss of the jewellery.
B	Find a buyer for the jewellery.
C	Inform the customs officers about jewellery so they can record it as an import
D	Pay the customs officers any import duty that is due on the jewellery

10. Identify a common aquatic pollutant from the following.

A	Carbon monoxide
B	Sulphur dioxide
C	Methane
D	Nitrate fertilizers

11.

Four cuboids with identical length, breadth and height are immersed in water. The cuboids are held at the same depth and in identical orientations by vertical rods, as shown.



Water has density ρ.
Cuboid W is made of material of density 4ρ.
Cuboid X is made of material of density 2ρ.
Cuboid Y is made of material of density ρ.
Cuboid Z is made of material of density 0.5ρ.

Which statement is correct?

A	The upthrust of the water on each of the cuboid is same
B	The upthrust of the water on W is twice the upthrust of water on X
C	The upthrust of the water on X is twice the upthrust of water on W
D	The upthrust of the water on Y is zero

12. The difference in boiling temperature between methane (T_b = 109 K) and ethane (T_b = 185 K) is best explained by the different numbers of

A	Protons

B	Electrons
C	Covalent bonds
D	Hydrogen bonds

13. **Which of the following situation is likely to happen when Dollar Depreciates?**	
A	Exports from the USA will be expensive
B	Fed(Central bank of the USA) will print more money
C	Imports to USA will be cheap
D	People invest in other currency like pound ,Euro etc

14 . **BLENDING WORDS ARE FORMED BY BLENDING THE PARTS OF TWO WORDS**

EG: SMOKE+FOG=SMOG
MOBILE+HOTEL=MOTEL
BREAKFAST+LUNCH=BRUNCH
NOW, GIVE AN EXAMPLE FOR A BLENDING WORD USING YOUR OWN CREATIVITY.

Ans

15. FIND OUT THE COMMON FEATURE OF THE SENTENCES GIVEN.

A. **WAS IT A CAR OR A CAT I SAW?**
B. **LIVE NOT ON EVIL**

Ans

16. **ANALOGIES ARE MADE ON COMPARISON BETWEEN THE MEMBERS OF A PAIR BASED ON THE HELP OF RELATION. FIND OUT THE MISSING ANALOGICAL WORD IN THE FOLLOWING SENTENCE.**

PRIDE IS TO LION AS SCHOOL IS TO----------

Ans

17. **SEE THE GROUP MEMBERS AND FIND THE ODD MAN OUT ----STATE THE REASON**

WROTE, RAN, DRUNK, RANG

Ans

18. **MR.JOHNS HAS SELDOM ADVISED HIS THREE SONS**

(BEGIN THE SENTENCE WITH JOHN'S THREE SONS, WITHOUT CHANGING THE MEANING OF THE SENTENCE)

Ans

19. **IF SOMEONE SAYS YOU HAVE GOT AN ELEPHANT'S MEMORY WHAT DOES IT MEAN**

A	**A SHORT MEMORY**
B	**A LONG MEMORY**

20. **OXYMORONS ARE CONTRADICTORY TERMS THAT ARE ALLOWED TO USE IN ENGLISH LANGUAGE.**

EG: ORIGINAL COPY, ACT NATURALLY, OPEN SECRET, SMALL CROWD,DARK LIGHT

TRY AN OXYMORON OF YOUR OWN THAT GIVES SENSE

Ans