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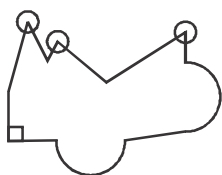
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Solutions for Sample Questions

class : 5

Mental Ability

1. (C)



Hence, there are **3 angles** smaller than a right angle inside the figure.

2. (A) Multiples of 7: ..., 49, 56, ...

+ 1: ..., 50, (57), ...

Multiples of 3: ..., 45, 48, 51, 54, (57), ...

The required number is **57**.

3. (A) Number of soft drinks in 120 cartons

$$\longrightarrow 360 \times 8 = 2880$$

Number of soft drinks in 1 carton

$$\longrightarrow 2880 \div 120 = 24$$

Number of soft drinks in 80 cartons

$$\longrightarrow 24 \times 80 = 1920$$

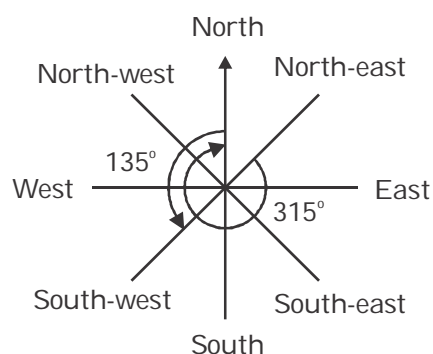
Number of boxes $\longrightarrow 1920 \div 15 = 128$

4. (C) Side of each square = $(24 \div 4)$ cm = 6 cm

Area of each square = $6 \times 6 = 36$ cm²

$$\begin{aligned} \therefore \text{Area of the shaded region} &= \frac{1}{2} \times 12 \times 36 \\ &= 216 \text{ cm}^2 \end{aligned}$$

5. (D) South-west



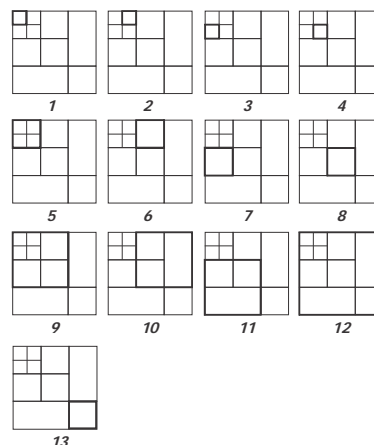
Reasoning

6. (C) Diamonds change position, centre dot changes colour and side dots move and change colour.

7. (A) The shape rotates by 90° in ACW direction and the series is repeating after four steps.

Hence the next shape should be similar to the 2nd shape in the given series.

8. (B)




9. (D)



10. (B) The bottom horizontal line of the first figure disappears and the bottom right vertical line in the second figure is added.

Computers

11. (D) **e-learning** is an use of electronic media in education.
12. (A)  + **E** will activate the window explorer.
13. (A) **Tab key** is used to indent the first sentence of a paragraph.
14. (D) **Modem** is used for sending digital data over a phone line.
15. (B) Docx stands for **Document Extended**.

English

16. (D) **Acquire** is the correct spelling.
17. (B) My son is old enough to **look after** himself now.
18. (B) 'A story which is not true' is called as **fiction**.
19. (B) we should never make fun of others
S R Q P
∴ The correct order is **S, R, Q, P**
20. (A,B) The antonym of Dearth is **Abundance** (or) **Sufficiency**.

