Class – V   ***Mental Ability***

1 How many angles inside the figure are smaller than a right angle?
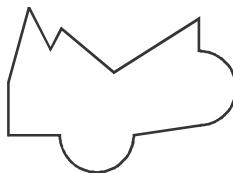
(A) 1   (B) 2   (C) 3   (D) 4

2 A number is between 45 and 60. This number gives a remainder of 1 when divided by 7. The same number gives no remainder when divided by 3. What is the number?

(A) 57   (B) 54   (C) 68   (D) 58

3 120 cartons of soft drinks can be packed into 360 packets of 8 soft drinks each. If 80 similar cartons of soft drinks are to be packed equally into boxes, how many boxes of 15 are there now?

(A) 128   (B) 192   (C) 196   (D) 240

**4** Find the area of the shaded region formed from 16 square tiles.

24 cm

24 cm
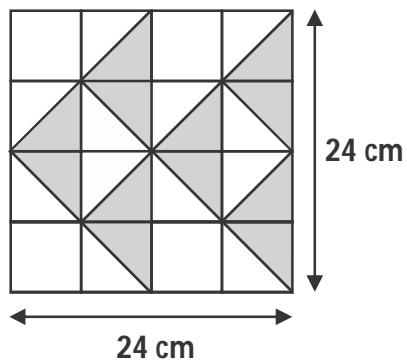
(A) 576 cm^2 (B) 288 cm^2

(C) 216 cm^2 (D) 432 cm^2

5 Aditya is facing North-east after making a 135° clockwise rotation followed by a 315° anti-clockwise rotation. In which direction was he before he made the turns?

(A) North-west   (B) East

(C) South   (D) South-west

6 **Which of the following figures replace the question mark?**

(A)   (B)   (C)   (D)

7 **What comes next in the given series?**
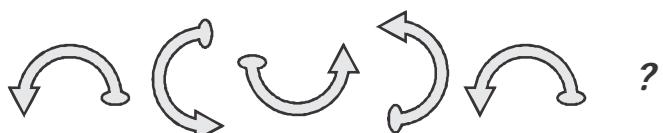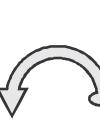
(A)   (B)   (C)   (D)
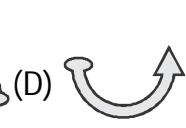
8 **How many squares can you find in the given figure?**
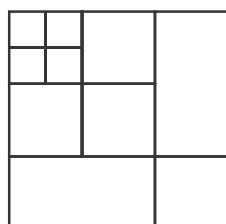
(A) 12   (B) 13   (C) 14   (D) 16

9 Which of the following is the image of in a vertical mirror?

(A) (B) (C) (D)

10 Find the matching pair.

EE is to F6 as C⊦ is to ?

(A) CE (B) Гb (C) 2E (D) C6

Class – V	Computers

11 What is a popular way to learn about computers without ever going to a classroom?

(A) isolated learning   (B) i-learning

(C) close learning   (D) e-learning

12 What is the shortcut key to activate windows explorer?

(A) ⊞ + E   (B) ⊞ + F

(C) ⊞ + R   (D) ⊞ + M

13 Which key is used to indent the first sentence of a paragraph in MS-Word document?

(A) Tab   (B) Shift

(C) Right Arrow   (D) Enter

14 Which device among following is used for sending digital data over a phone line?

(A) USB   (B) Scanner

(C) Printer   (D) Modem

15 What does docx stands for?

(A) Document Xtreme   (B) Document Extended

(C) Document Extra   (D) Document Xerox

Class – V   *English*

16 Which word is spelt INCORRECTLY?

(A) Leisure   (B) Burglar

(C) Secretary   (D) Aquire

17 Identify the word that can correct the error in the given sentence.

My son is old enough to look for himself now.

(A) around   (B) after

(C) to   (D) at

18 What is the single word that means "a story which is not true"?

(A) Morsel (B) Fiction

(C) Quiver (D) Mock

19 Identify the order of the given words that makes a meaningful sentence.

of others	make fun	never	we should
P	Q	R	S

(A) S, Q, P, R (B) S, R, Q, P

(C) S, P, Q, R (D) R, S, Q, P

20 Find the antonym of "DEARTH".

(A) Abundance (B) Sufficiency

(C) Scarcity (D) Extravagance

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Solutions for Sample Questions
class : 5

Mental Ability

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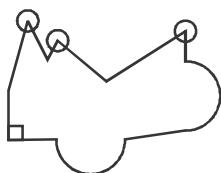
Hence, there are **3 angles** smaller than a right angle inside the figure.

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

    ⟶ 360 × 8 = 2800

    Number of soft drinks in 1 carton

    ⟶ 2880 ÷ 120 = 24

    Number of soft drinks in 80 cartons

    ⟶ 24 × 80 = 1920

    Number of boxes ⟶ 1920 ÷ 15 = **128**

4. **(C)** Side of each square = (24 ÷ 4) cm = 6 cm

    Area of each square = 6 × 6 = 36 cm²

    ∴ Area of the shaded region = $\frac{1}{2} \times 12 \times 36$

    = **216 cm²**

5. **(D) South-west**
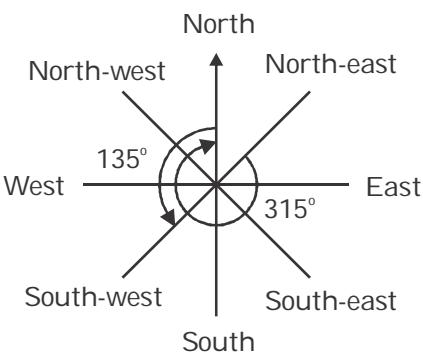
Reasoning

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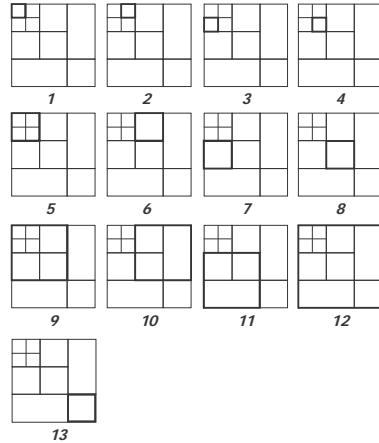
10. **(B)** The bottom horizontal line of the first figure disappears and the bottom right vertical line in the second figure is added.

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)**
$$\underset{S}{\underline{we\ should}}\ \underset{R}{\underline{never}}\ \underset{Q}{\underline{make\ fun}}\ \underset{P}{\underline{of\ others}}$$

∴ The correct order is *S, R, Q, P*

20. **(A,B)** The antonym of Dearth is *Abundance* (or) *Sufficiency*.