Class – III | **Mental Ability**

1 **Find the value of P.**

$$
\begin{array}{r}
P\ Q\ R\ S\ T \\
\times\ \ \ \ \ \ \ \ \ 8 \\
\hline
1\ 2\ 3\ 4\ 5\ 6 \\
\hline
\end{array}
$$

(A) 3   (B) 2   (C) 1   (D) 8

2 **How many '1' s are used in all the page numbers of a 111 page book?**

(A) 36   (B) 42   (C) 24   (D) 15

3 **4 girls and 2 boys shared 204 stickers equally. How many stickers would 3 girls and 5 boys receive?**
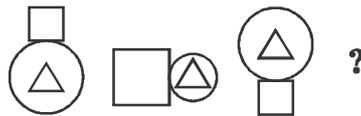
(A) 240   (B) 272   (C) 204   (D) 170

4 **It takes 3 hours and 45 minutes to travel from Town A to Town B. John started his journey at 11: 45 a.m. from Town A. At what time would he arrive at Town B?**

(A) 3: 30 p.m.   (B) 3: 45 p.m.

(C) 2: 45 p.m.   (D) 2: 00 p.m.

5 **Hasini had ₹ 548. How much more money would she need if she wanted to buy 2 bags at ₹ 356 each?**
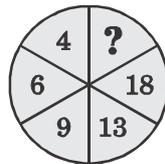
(A) ₹ 164   (B) ₹ 192   (C) ₹ 712   (D) ₹ 904

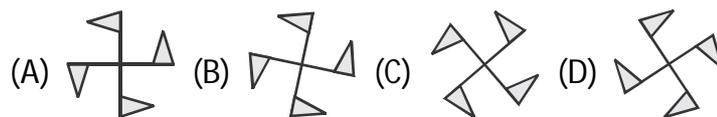**Class – III**   *Reasoning*

6 **What comes next in the given pattern?**

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

7 **Find the missing number in the circle.**

(A) 20   (B) 18   (C) 24   (D) 28

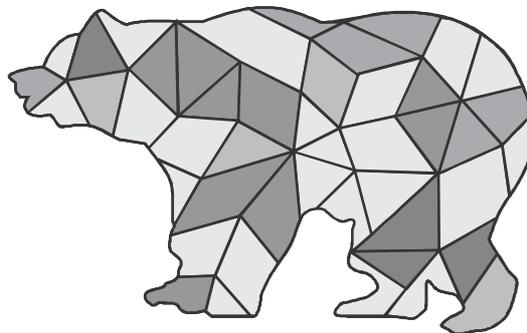**8** **Identify the odd one out.**

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

9 Group the following into three classes on the basis of their identical features.
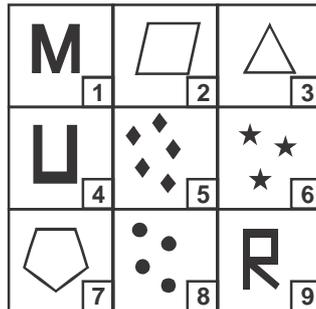
(A) 3, 4, 6; 1, 2, 8; 9, 7, 5 (B) 6, 8, 4; 9, 3, 1; 5, 2, 7
(C) 5, 2, 9; 7, 4, 8; 6, 1, 3 (D) 4, 7, 6; 1, 2, 9; 5, 3, 8

10 How many triangles are there in the given figure?

(A) 10   (B) 18   (C) 5   (D) 12

Class – III   *Computers*

11 In a standard computer keyboard when the numlock is off, the key 7 in the numeric key pad acts as which of the following keys?

(A) PgUp   (B) End   (C) PgDn   (D) Home

12 In MS-Paint, which tool is used to draw free hand figures?

(A) ╲   (B) ✎   (C) ⬭   (D) ▭

13 By pressing which key we can move to beginning of a page?

(A) Window Key   (B) Shift Key

(C) Tab Key   (D) Home Key

14 Which tool is used to fill the entire picture or an enclosed shape with color in MS-Paint?

(A) Eraser   (B) Fill with color

(C) Pencil   (D) Color box

15 Which key is used to type signs or symbols on the upper half of the key?

(A) Ctrl   (B) Pgdn   (C) Enter   (D) Shift

Class – III   *English*

16 Identify the antonym of 'RARE'.

(A) Ordinary   (B) Common

(C) General   (D) Normal

17 Which arrangement of P, Q, R, S and T gives a meaningful sentence?

P - favourite, Q - red, R - my, S - is, T - colour

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

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

18 Which word has the similar meaning as the underlined word?

His success was <u>attained</u> through hard work and dedication.

(A) contributed   (B) received

(C) achieved   (D) completed

19 Find the MISSPELT word.

(A) Deceive   (B) Surprise

(C) Guidence   (D) Original

20 Which meaningful word is formed using the letters in RENFDI?

(A) FREIND   (B) FRINED

(C) FRINDE   (D) FRIEND

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Solutions for Sample Questions
class : 3

### Mental Ability

1. **(C)** $123456 \div 8 = 15432$

   P = 1, Q = 5, R = 4, S = 3 and T = 2

2. **(A)** '1' s in the ones place $\rightarrow$

   1, 11, 21, 31, 41, 51, 61, 71, 81, 91, 101, 111

   '1's in the tens place $\rightarrow$

   10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 110, 111

   '1' s in hundreds place $\rightarrow$

   100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111

   $\therefore$ 12 + 12 + 12 = 36

   Hence, **36** '1' s are used altogether.

3. **(B)** 4 girls + 2 boys share 204 stickers

   $\Rightarrow$ 6 children share 204 stickers

   $\therefore$ Each children had 204 $\div$ 6 = 34 stickers

   $\therefore$ 3 girls + 5 boys will have 34 $\times$ 8

   = **272 stickers**

4. **(A)**

   A ──── 3 h ────→ 45 min → B
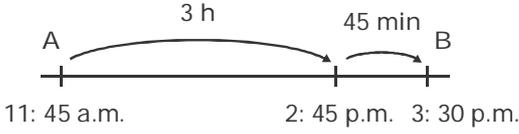
   11: 45 a.m.   2: 45 p.m.   3: 30 p.m.

   He would arrive at **3: 30 p.m.**

5. **(A)** Cost of 2 bags = 2 $\times$ ₹ 356 = ₹ 712

   $$
   \begin{array}{cccc}
   & ^6\!7 & ^{10}\!1 & ^1\!2 \\
   - & 5 & 4 & 8 \\
   \hline
   & 1 & 6 & 4 \\
   \hline
   \end{array}
   $$

   Hence, money required for Hasini is ₹ **164**.

Reasoning

6. **(D)**

   The square and circle alternate positions.

   The shape on the outside is rotated 90° clockwise each time. The triangle is always inside the circle.

7. **(C)** In the given circle, the number follow a pattern in anticlockwise direction.

   $4 \xrightarrow{+2} 6 \xrightarrow{+3} 9 \xrightarrow{+4} 13 \xrightarrow{+5} 18 \xrightarrow{+6} \boxed{24}$

8. **(D)** Except option (D), all the other figures are same which are rotated.

9. **(A)** The shapes, elements and the letters in the given grid can be grouped based on the number of lines and dots as,

   M, ▱, ∷ $\Rightarrow$ 1, 2, 8

   ⊔, △, ★★★ $\Rightarrow$ 4, 3, 6

   R, ⬠, ◆◆◆ $\Rightarrow$ 9, 7, 5

   Option (A) is the correct classification.

10. **(D)**
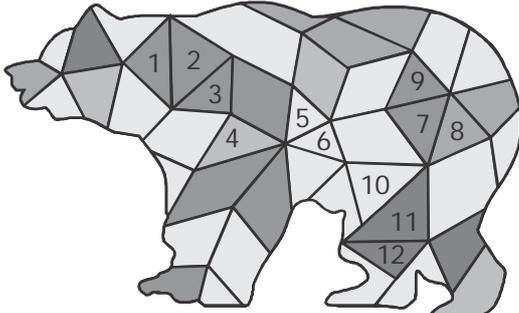
Computers

11. **(D)** When Numeric keypad is OFF, key 7 acts as **home key** in standard computer keyboard.

12. **(B)** In MS-Paint, using **pencil tool** we can draw free hand figures.

13. **(D)** **Home key** is used to move the cursor to the beginning of a page.

14. **(B)** In MS-Paint, **fill with colour tool** will fill the entire picture with a colour.

15. **(D)** **'Shift' key** is useful to type the symbols on the upper half of key.

English

16. **(B)** Antonym of Rare is **common**.

17. **(A)**
My	favourite	colour	is	red
R	P	T	S	Q

∴ The required arrangement is **R, P, T, S, Q**

18. **(C)** In the given sentence attained means **achieved**.

19. **(C)** Guidance

20. **(D)** The meaningful word formed is **FRIEND**.