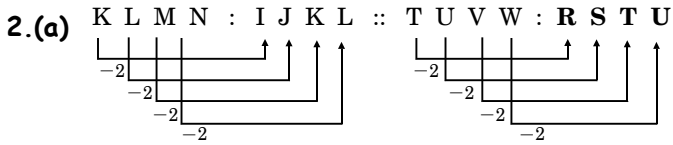


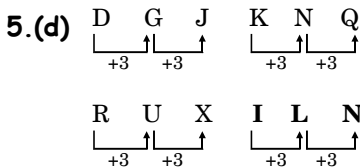
SOLUTION

1.(d)



3.(c): As, $3^3 = 27$
Similarly, $4^3 = 64$

4.(c)

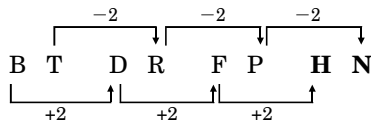


6.(d)

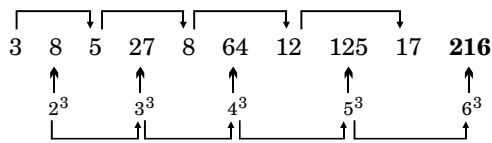
7.(c) Satire → Stamped → Storm → Strangle → Strap

5 4 1 3 2

8.(b)



9.(a)



10.(d) Let the present age of P and Q be $5x$ and $8x$ respectively.

According to question,

$$\frac{5x + 3}{8x + 3} = \frac{8}{11}$$

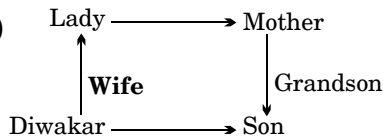
$$\Rightarrow 55x + 33 = 64x + 24$$

$$\Rightarrow 9x = 9$$

$$\Rightarrow x = 1$$

Q's present age = $8 \times 1 = 8$ years

11.(d)



12.(b)

13.(d) who are you → 4 3 2

they is you → 4 8 5

they are dangerous → 2 9 5

∴ dangerous → 9

14.(b) 15 S 16 Q 2 P 4 = 47

$$15 + 16 \div 2 \times 4 = 47$$

$$15 + 8 \times 4 = 47$$

$$15 + 32 = 47$$

$$47 = 47$$

15.(d) As,

$$4 * 7 * 2 = (4 - 1)(7 - 1)(2 - 1) = 361$$

$$5 * 9 * 1 = (5 - 1)(9 - 1)(1 - 1) = 480$$

Similarly,

$$2 * 1 * 3 = (2 - 1)(1 - 1)(3 - 1) = 102$$

16.(a) As,

$$3 \times 10 \times 6 + 6 = 180 + 6 = 186$$

$$9 \times 5 \times 3 + 3 = 135 + 3 = 138$$

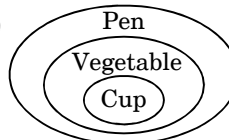
$$5 \times 7 \times 1 + 1 = 35 + 1 = 36$$

Similarly,

$$3 \times 2 \times 5 + 5 = 30 + 5 = 35$$

17.(b)

18.(c)



19.(a)

20.(c)

21.(a)

22.(b)

23.(c)

24.(b)

25.(a)

S → 10, 21, 32, 43, 04

P → 40, 31, 12, 03, 24

E → 20, 11, 02, 33, 44

A → 75, 66, 57, 98, 89

K → 85, 76, 67, 58, 99