Q-1 5, 25, 125, ?

5^1 5^2 5^3 5^4 = **625** (A)

Q-2 3, 7, 17, 39, ?

×2+1 ×2+3 ×2+5 ×2+7

39×2+7

78+7 = **85** (B)

Q-3 5, 14, 23, ?, 41

+9 +9 +9 +9

32 (B)

Q-4 3, 4, 6, 10, 18, ?

+1 +2 +4 +8 +16

18+16 = **34** (C)

Q-5 1, 2, 5, 26, ?

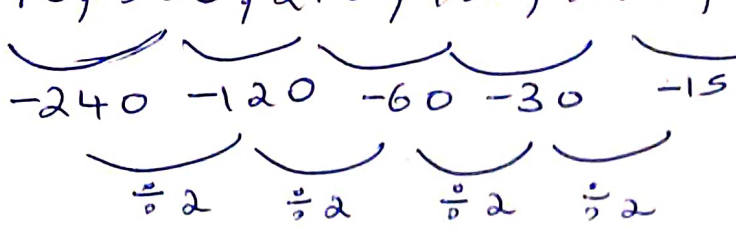
$1^2+1 = 2$

$(2)^2+1 = 5$

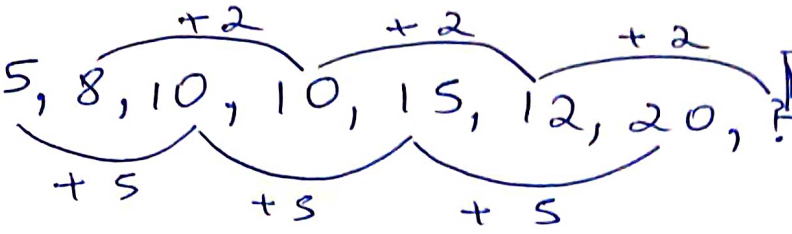
$(5)^2+1 = 26$

$(26)^2+1$ = **677** (D)

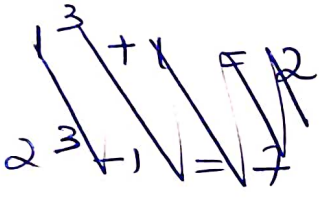
Q-6 570, 330, 210, 150, 120, ? | 105 | (B)



Q-7 5, 8, 10, 10, 15, 12, 20, ? | 14 | (A)



Q-8 2, 7, 26, 111, ?, 3395



$7 = 2 \times 2 + 3$

$26 = 7 \times 3 + 5$

$111 = 26 \times 4 + 7$

$= 111 \times 5 + 9 =$ | 564 | (C)

$3395 = 564 \times 6 + 11$ → CHECK

Q-9 2, 9, 28, 65, ?

$(1)^3 + 1 = 2$

$(2)^3 + 1 = 9$

$(3)^3 + 1 = 28$

$(4)^3 + 1 = 65$

$(5)^3 + 1 =$ | 126 | | B |

Q-10 12, 27, 86, 351, 1764, ?

$27 = 12 \times 2 + 3$

$86 = 27 \times 3 + 5$

$351 = 86 \times 4 + 7$

$1764 = 351 \times 5 + 9$

$? = 1764 \times 6 + 11$

$= \boxed{10595}$ (D)

Q-11 $325 = (3\times2)(2\times2)(5\times2) = 6410$

$372 = (3\times2)(7\times2)(2\times2) = 6144$

$523 = (5\times2)(2\times2)(3\times2) = \boxed{1046}$ (A)

Q-12 DEEPA = 455161

MINA = 139141

RITA → (1) ↓ (18) ↓ (9) ↘ (20) = $\boxed{189201}$ (A)

1	A	B	C	D	E
6	F	G	H	I	J
11	K	L	M	N	O
16	P	Q	R	S	T
21	U	V	W	X	Y
26	Z				

Q-13 CAT = 24 = C(3) + A(1) + T(20)

RAT = R(18) + A(1) + T(20) = $\boxed{39}$ (A)

Q-14 MITUL = 92573

EAGLE = 16831 ⇒ E = 1
L = 3
A = 6
T = 5
G = 8

GEETA =

= 81156 (B)

Q-15 JMP = LOR
+2 +2
+2

E K N
+2 +2 +2
G M P (C)

Q-16 NTSE = 4732
NTSE

SENT = 3247 (A)
3247

Q-17 ATUL → AUTL

JUHI → JHUI (C)

Q-18 MARKET → AMKRTE
123456 21 4365

DIVYANSH
12345678 → ID YV NA HS (C)
21 43 65 87

Q-19 PAYAL = LAYAP
12345 54321

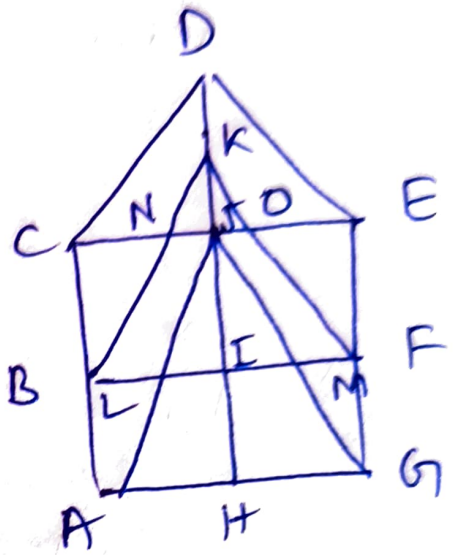
MOKSH = HSKOM (D)
12345 54321

Q-20

ATULYA → AATYUL
1 2 3 4 5 6 → 1 6 25 3 4

GARDEN → GN AE RD (A)
1 2 3 4 5 6 → 1 6 2 5 3 4

21. (A)



KJN, KJO, CNB,

OEF, JIL, JIM, BLA

MFG — 8

CDJ EDJ NKO, JLM

JAH JGH — 6

BKI, FKI, CJA, EJG - 4

CDE, AJG - 2

BKF = 1

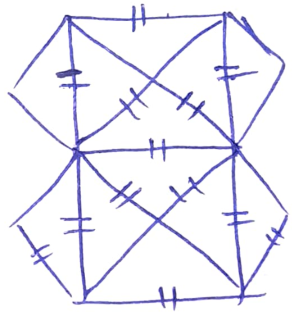
Total 21

$9 \times 2 = 18$

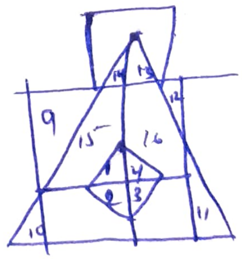
22) (B)

समांतर रेखा की

संख्या = 13

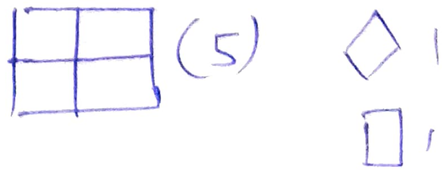


23) 21 - त्रिभुज की संख्या



24) वर्ग की संख्या

$5+1+1 = 7$



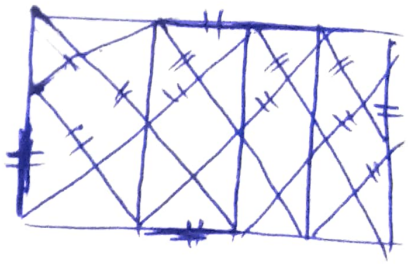
25 वर्ग की संख्या –

8 + 3 + 3 + 4 + 6

= 24

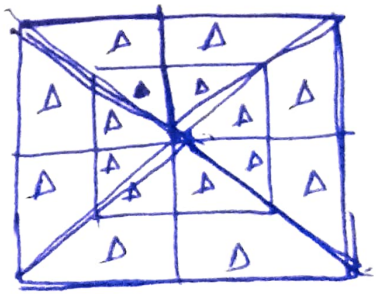
26 (B)

18 समांतर रेखाएँ



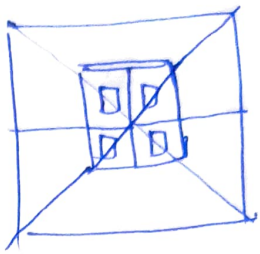
27 (C) त्रिभुज की संख्या

= 32



(28) वर्ग की संख्या

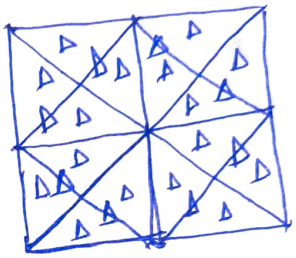
5 + 5 = 10



(29) (A)

त्रिभुज की संख्या -

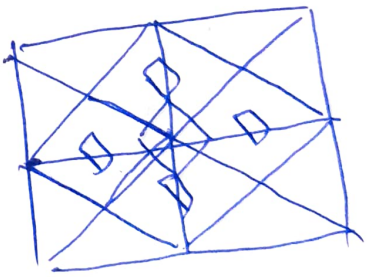
44



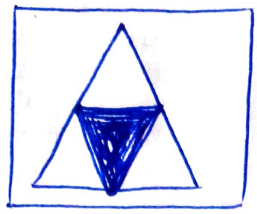
(30) (D)

5 × 2 = 10

वर्ग की संख्या



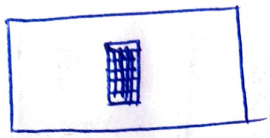
(31)



(c)

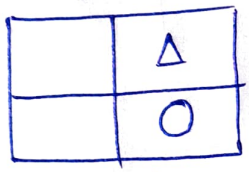
बाकी सभी आकृति में चतुर्भुज है परंतु (c) में त्रिभुज है।

(32)



c

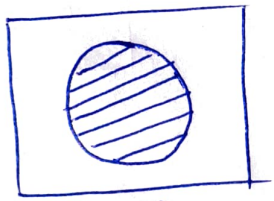
(33)



(D)

बाकि सभी रंगीन है।

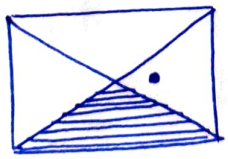
(34)



(A)

Figure (A) बाकि सभी से अलग है।

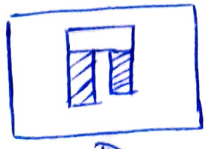
(35)



(A)

बाकि सभी Figure में Dot बाई ओर है लेकिन A में दाई ओर है।

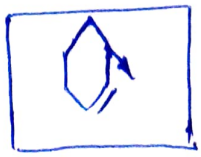
(36)



D

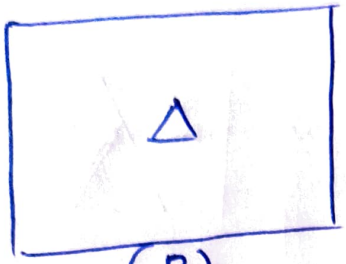
बाकि सभी Figure में सभी कपड़े above (ऊपर) पहना जाता है।

(37)



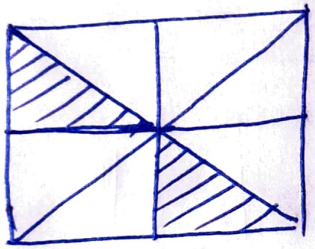
(C)

(38)



(B)

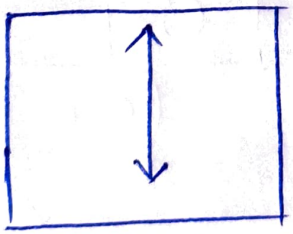
(39)



(D)

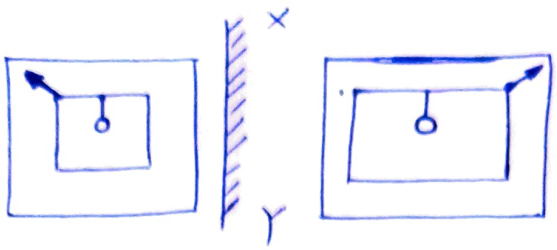
बाकी सभी Picture में रंगीन भाग एक-दूसरे के opposite हैं मगर Picture D सभी से अलग है।

(40)



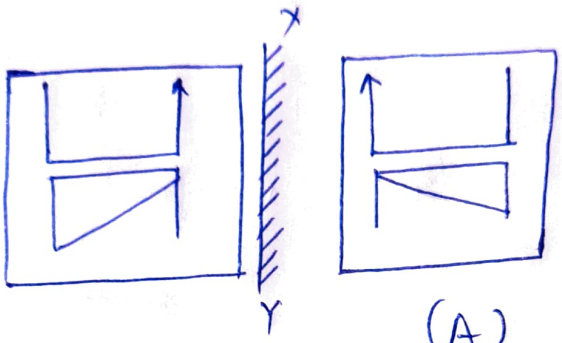
(A)

(41)



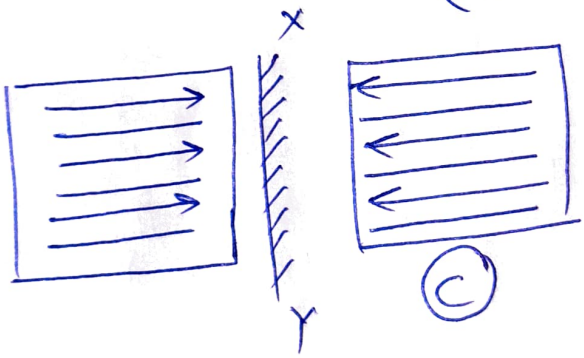
(B)

(42)



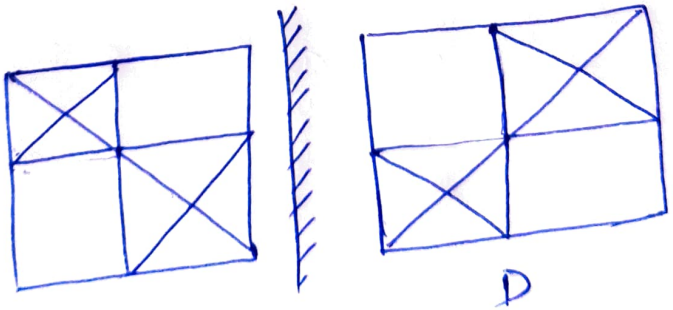
(A)

(43)



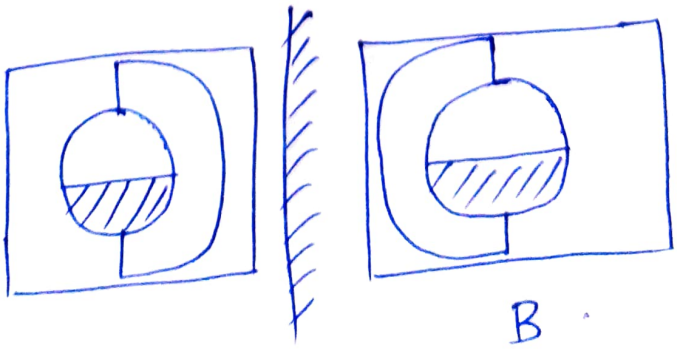
(C)

(44)



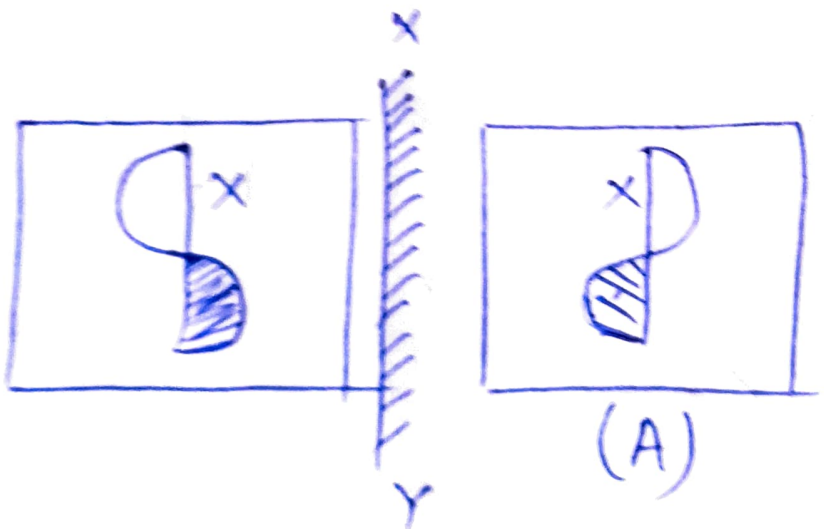
D

(45)

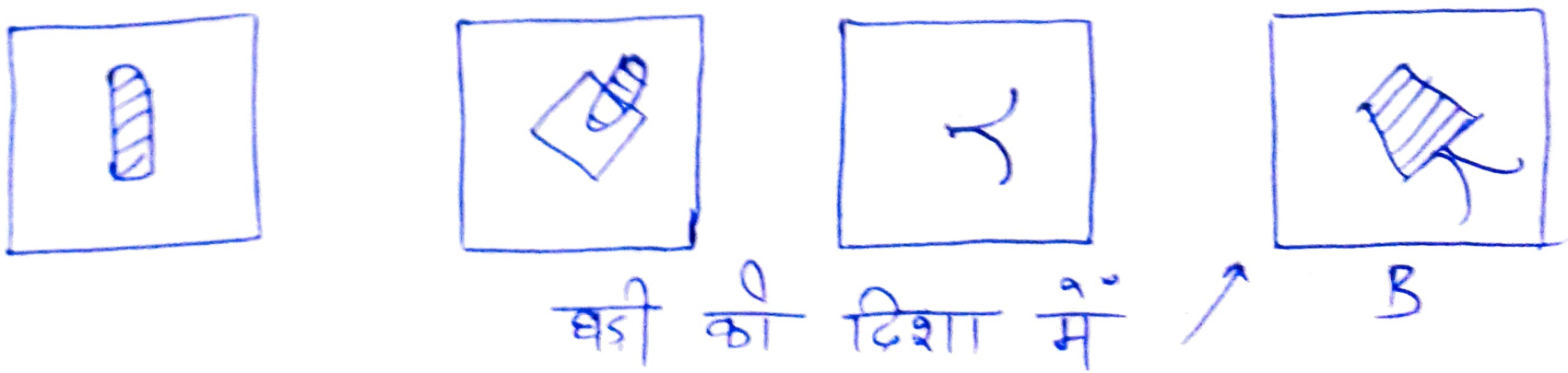


B

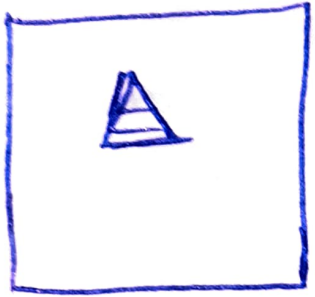
(46)

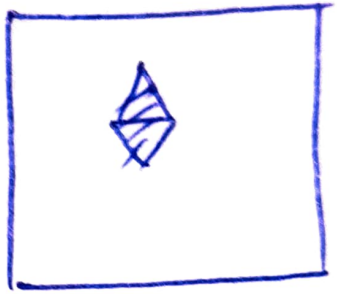


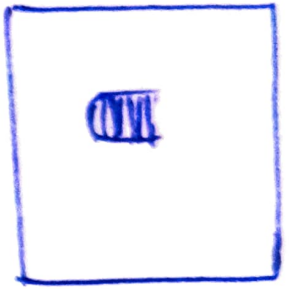
(47)

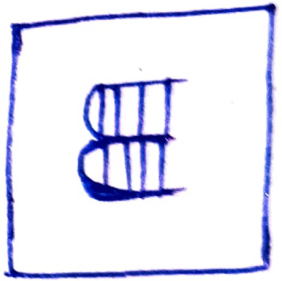


48









(D.)

(49)

Thermometer ⟶ Temperature

Barometer ⟶ Atmospheric pressure

(C)

(50)

Winter ⟶ Sweater

Rainy season ⟶ Rain coat

(D)

Q-S1 CHAIR = F K D L U

(+3, +3, +3)

TABLE = WDEOH (C)

+3 +3 +3 +3 +3

W D E O H

Q-S2 JUNE ⇒ STAY

+4 +3 +2 +1

N X P F

+4 +3 +2 +1

W W C Z (A)

Q-S3 CORONA ⇒ MASK

+1 +2 +3 +4 +5 +6

D Q U S S G

+1 +2 +3 +4

N C V O (B)

Q-S4 HELP = 164

H = 8
E = 5
L = 12
P = 16

+ → 8+5+12+16

= (41) × 4 = 164

⇒ CARE

3 + 1 + 18 + 5 = (27) × 4

= 108

(A)

Q-55

O U T = 15 21 20

15 21 20

I N = **14** (D)

9 14

Q-56 O A T H ⇒ W O R D

+5 +4 +5 +4 +5 +4 +5 +4

T E Y L **B B W H** (C)

Q-57 E L E C T I O N ⇒ V O T E R

+2 0 +2 0 +2 0 +2 0 +2 0

G L G C V I Q N **X O V E T** (A)

Q-58 E X A M ⇒ M U T E

+1 -1 -1 0 +1 -1 -1 0

F W Z M **N T S E** (C)

Q-59 L O N D O N ⇒ **H U N G R Y** (B)

+1 +1 +1 +1 +1 +1 -1 -1 -1 -1 -1 -1

M P O E P O I V O H S Z

Q-60 R E S U L T ⇒ M E R I T

+2 -2 +2 -2 +2 -2 +2 -2 +2

T C U S N R **O C T G V**

NO OPTION

61) Sodium chloride (NaCl) (D)

62) B, अन्य सभी सम संख्याएँ नहीं है।

63) D, बाकि सभी मुँह से बजाया जाता है।

64) B,

65) A, बाकि सभी फूल के नाम है

66) A,

67) A, बाकि सभी दूरी के मात्रक है।

68) B, बाकि सभी महादेश है।

69) C, बाकि सभी प्रधानमंत्री रह चुके है या वर्तमान में है।

70) A, बाकि सभी अनाज है।

71) चाभी → ताला → दरवाजा → कॉरीडॉर → स्विच

(B)

72) E

जनसंख्या वृद्धि → बेरोजगारी → गरीबी → महामारी → मृत्यु

73) मच्छर → बिमारी → बाढ़ → हाथी → ह्वेल

(A) (भार के अनुसार)

74) (D)

बीज → पौधा → वृक्ष → लकड़ी → रेवल

(75) (C)

पाँच → पूर्व → सूरज → तारा → आकाश गंगा

(77)

$45 \div 6 \times 2 + 1$

$\div \rightarrow +$

$\times \rightarrow \div$

$+ \rightarrow -$

$\Rightarrow 45 + 6 \div 2 - 1$

$\Rightarrow 45 + 3 - 1$

$\Rightarrow 48 - 1 = 47$ (D)

(76) $25 \times 3 - (6 \times 5) \div 9$

"$\times$" $\rightarrow$ "$-$", "$-$" $\rightarrow$ "$+$", "$\div$" $\rightarrow$ "$-$"

$\Rightarrow 25 - 3 + (6 - 5) - 9$

$\Rightarrow 25 - 3 + 1 - 9$

$\Rightarrow 26 - 12 = 14$ (D) Ans

78.)

$(8 \times 4) + 3 - 4 \div 5$

$\times \longrightarrow \div$

$+ \longrightarrow \times$

$- \longrightarrow +$

$\div \longrightarrow -$

$= (8 \div 4) \times 3 + 4 - 5$

$= 2 \times 3 + 4 - 5$

$= 6 + 4 - 5 = 10 - 5 = 5$ Ans (C)

(79) $27 \times 3 - (6 + 5) \div 9$

"$\times$" $\rightarrow$ "$\div$", "$+$" $\rightarrow$ "$\times$", "$-$" $\rightarrow$ "$+$", "$\div$" $\rightarrow$ "$-$"

$\Rightarrow 27 \div 3 + (6 \times 5) - 9$

$\Rightarrow 27 \div 3 + 30 - 9$

$\Rightarrow 9 + 30 - 9$

$\Rightarrow 30$ (D)

(80) $2 + 3 - 6 \times 2 \div 4$

"$\times$" $\rightarrow$ "$\div$", "$+$" $\rightarrow$ "$\times$", "$-$" $\rightarrow$ "$+$", "$\div$" $\rightarrow$ "$-$"

$\Rightarrow 2 \times 3 + 6 \div 2 - 4$

$\Rightarrow 6 + 3 - 4$

$\Rightarrow 9 - 4 = 5$ D

(81)

(A) 24 – शनिवार

रविवार – 25

सोमवार – 26

मार्च के महीने में सोमवार

26, 19, 12, (5)

↑ fourth – चौथा – से पहले

(82)

(B) आज – है – रविवार

$\frac{189}{7} = 27 \Rightarrow$ रविवार

(83) (C) 15 अगस्त 2020 – satus day → leap year

15 अगस्त 2019 → Thursday

(84) (D) leap year –

नहीं – है 1900 A.D

(85) (D) शनिवार _ _ _ _ _ शुक्रवार

86) (D) Ratio of current Ages

$$\frac{x}{y} = \frac{2}{3} \quad — (1)$$

6 साल बाद

$$\frac{x+6}{y+6} = \frac{3}{4} \quad — (11)$$

$$4x + 24 = 3y + 18 \quad — (11)$$

$$4x - 3y = -6$$

&

$$3x = 2y \Rightarrow x = \frac{2y}{3}$$

$$4 \times \frac{2y}{3} - 3y = -6$$

$$8y - 9y = -18$$

$$\boxed{-y = -18}$$

$$x = \frac{2 \cdot 18}{3} = 12$$

$$\boxed{x + y = 18 + 12 = 30}$$

(87) माना कि उषा की उम्र x वर्ष
पुष्पा की उम्र y वर्ष है।

$$x + y = 50 \quad — (1)$$

पाँच वर्ष पहले

$$\frac{x-5}{y-5} = \frac{5}{7}$$

$$\Rightarrow 7x - 35 = 5y - 25$$

$$\Rightarrow 7x - 5y = 10 \quad — (11)$$

$$x + y = 50 \quad — (1) \times 7$$

$$-12y = -340$$

$$y = \frac{340}{12} \quad \& \quad x = 50 - \frac{340}{12} = \frac{260}{12}$$

$$x - y = \left|\frac{340}{12} - \frac{260}{12}\right| = \frac{80}{12} = 6.67$$

88) (c) माना कि युवा की आयु = x वर्ष है।

पिता की आयु = $5x+2$

माता की आयु = $5x+2-5 = 5x-3$

अतः युवा की आयु = 5 वर्ष

पिता = $5\times5+2 = 27$

माता = $5\times5-3 = 22$

$5+27+22 = 54$

89) (c) माना कि डिंपल की आयु = x वर्ष है

21 वर्ष की उम्र $3x-4$ वर्ष

पाँच वर्ष पहले

$x-5+3x-4-5 = 86$

$4x = 86+14 = 100$

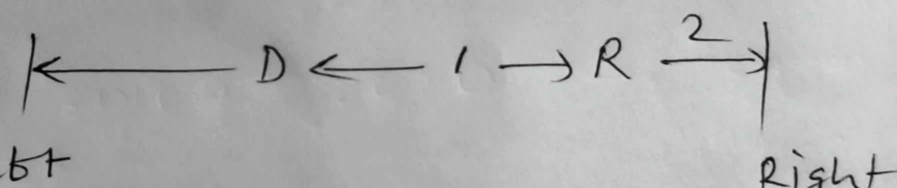
$x = 25$

5 वर्ष बाद डिंपल की उम्र $25+5 = 30$ वर्ष

(90) (A) माना की सबसे छोटे भाई की उम्र x वर्ष है
2nd भाई की उम्र x+2
3rd " " x+4
4th " " x+6
5th " " x+8

प्रश्न से,
$x + x + 2 + x + 4 + x + 6 + x + 8 = 40$
$5x = 40 - 20$
$\therefore x = 4.$

(91) (D).

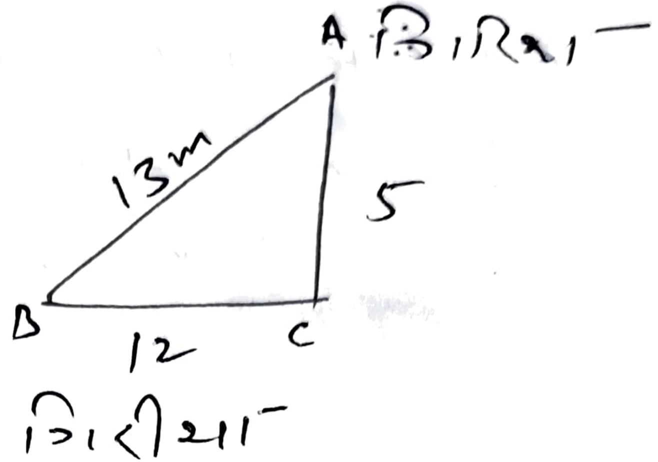


कम से कम 3. व्यक्ति हो सकते हैं.

(92) (A) कुल संख्या = 7+9−1
= 16−1 = 15

(93) (B) दाहिने से समीर की position
= 25+1−17
= 9th

(94) (c)



$AB = \sqrt{5^2 + 12^2}$

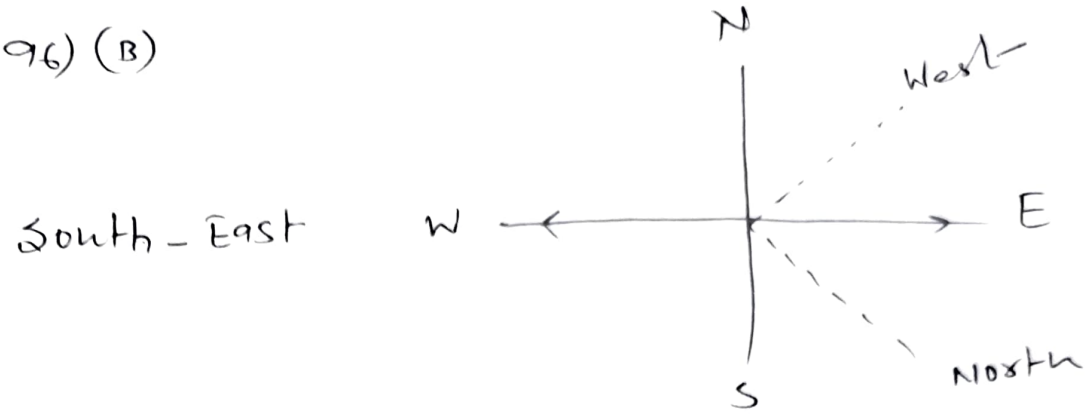
$= \sqrt{25 + 144}$

$= \sqrt{169} = \underline{13m}$

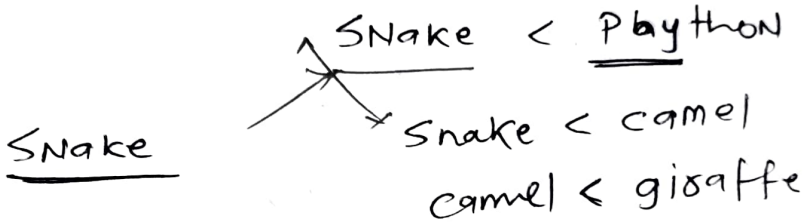
(95) (A) पूर्वाहन पश्चिम दिशा की ओर

<u>North</u> (उत्तर - दिशा)

96) (B)



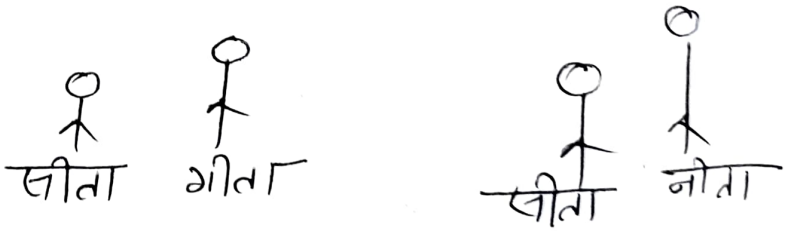
97) (D)



98) (C)

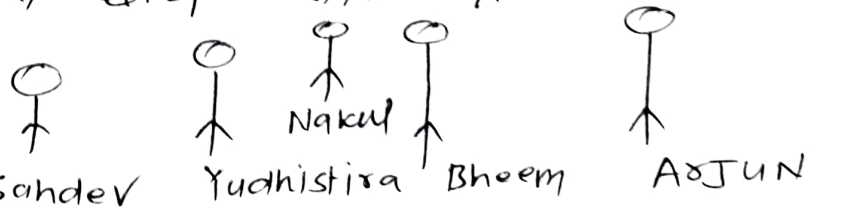
सबसे लम्बा बच्चा है।

99)



सबसे छोटी- सीता है।

100) (A)



नकुल बीच में है।