WBCS (Main) Exam Paper – VI Practice Set

Answers with Explanation

1.	(b)	Required remainder = remainder got when 63 is divided by $20 = 5$		
2.	(d)	is divided by $29 = 5$ A number will be exactly divisible by 18 if it is divisible by 2 and 9 both. Clearly 65043 is not divisible by 2.		
3.	(b)	∴ Required number = 65043 থ্যাঁছিওঁৰ্ম Given		
		$\frac{a}{b} \times \frac{c}{d} = \frac{14}{15} \qquad \dots (i)$		
		$\frac{a}{b} \times \frac{d}{c} = \frac{35}{24}$ (ii) Now multiplying both the equations	7.	
		$\frac{\mathrm{ac}}{\mathrm{bd}} \times \frac{\mathrm{ad}}{\mathrm{bc}} = \frac{14}{15} \times \frac{35}{24}$	/.	
		$\Rightarrow \frac{a^2}{b^2} = \frac{49}{36} \Rightarrow \frac{a}{b} = \frac{7}{6}$		
		$\therefore \frac{c}{d} = \frac{\frac{14}{15}}{\frac{7}{6}} = \frac{4}{5}$		
		But the greater fraction is $\frac{7}{6}$	8.	
4.	(c)	Given that L.C.M. of two numbers = 1820 H.C.F. of those numbers = 26 One of the number is 130 \therefore Another number		
		$=\frac{1820\times26}{130}=364$	9.	
5.	(d)	First number × Second number = HCF × LCM \Rightarrow 864 × Second number = 96 × 1296 \Rightarrow Second number		
		$=\frac{96 \times 1296}{864} = 144$		
6.	(a)	L.C.M. of 28 and 42 2 28 42 2 14 21	10.	
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$$= 2 \times 2 \times 7 \times 3 = 84$$
H.C.F. of 28 and 42
28) 42 (1

$$\frac{28}{14} 28 (2)$$

$$\frac{28}{00}$$

$$\therefore$$
 H.C. F = 14
Required ratio $= \frac{84}{14} = 6:1$
(c) $1 + \frac{1}{1 + \frac{2}{15 + 4}}$
 $= 1 + \frac{1}{1 + \frac{2}{25}} = 1 + \frac{1}{\frac{19 + 10}{19}}$
 $= 1 + \frac{19}{29} = \frac{29 + 19}{29} = \frac{48}{29}$
(a) $\frac{1}{9} + \frac{1}{6} + \frac{1}{12} + \frac{1}{20} + \frac{1}{30} + \frac{1}{42} + \frac{1}{56} + \frac{1}{72}$
 $= \frac{1}{9} + \frac{1}{2 \times 3} + \frac{1}{3 \times 4} + \frac{1}{4 \times 5} + \frac{1}{5 \times 6} + \dots + \frac{1}{8 \times 9}$
 $= \frac{1}{9} + \frac{1}{2} - \frac{1}{3} + \frac{1}{3} - \frac{1}{4} + \dots + \frac{1}{8} - \frac{1}{9} = \frac{1}{2}$
(b) $\sqrt{\frac{(0.1)^2 + (0.01)^2 + (0.009)^2}{(0.01)^2 + (0.001)^2 + (0.009)^2}}}$
 $= \sqrt{\frac{0.01 + 0.0001 + 0.0000181}{0.0001 + 0.000001 + 0.0000081}}$
 $= \sqrt{\frac{0.010181}{0.0001 + 0.00001 + 0.000081}} = \sqrt{100} = 10$
(b) Sum of x numbers = xy
Sum of y numbers = xy
Sum of y numbers = xy
 \therefore Required average
 $= \frac{xy + xy}{x + y} = \frac{2xy}{x + y}$

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11. (a) Required average

$$= \frac{1.11 + 0.01 + 0.101 + 0.001 + 0.11}{5}$$

$$= \frac{1.332}{5} = 0.2664$$
12. (c) The middle number

$$= 8 \times 6.5 + 8 \times 9.5 - 15 \times 7$$

$$= 52 + 76 - 105$$

$$= 128 - 105 = 23$$
13. (c) $\frac{x}{y} = \frac{5}{6}$

$$\therefore \frac{3x^2 - 2y^2}{y^2 - x^2} = \frac{3 \cdot \frac{x^2}{y^2} - 2}{1 - \frac{x^2}{y^2}}$$

$$=\frac{3\times\frac{25}{36}-2}{1-\frac{25}{36}}=\frac{75-72}{36-25}=\frac{3}{11}=3:11$$

- 14. (d) A : B = 3 : 5 = 12 : 20 $B \, : \, C \, = \, 4 \, : \, 7 \, = \, 20 \, : \, 35$ \therefore A : B : C = 12 : 20 : 35
- 15. (a) $\frac{x}{y} = \frac{3}{4}$

$$\therefore \frac{4x-y}{2x+3y} = \frac{4\frac{x}{y}-1}{2\frac{x}{y}+3}$$

$$=\frac{4\times\frac{3}{4}-1}{2\times\frac{3}{4}+3}$$
 where 4

$$=\frac{2}{\frac{3}{2}+3}=\frac{2\times 2}{9}=4:9$$

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$$\frac{1}{2} + 3$$
(b) 20% of A = 50% of B

$$\Rightarrow 2A = 5B \Rightarrow A = \frac{5B}{2}$$
Let B is x % of A.

$$\therefore \frac{5B}{2} \times \frac{x}{100} = B$$
Cash price $= \left(1 - \frac{30}{100}\right) 1.2x$

$$= 0.7 \times 1.2x = 0.84x$$
Net Loss $= x - 0.84x = 0.16x$

$$\therefore \text{ Net loss\%}$$

$$= \frac{0.16x}{x} \times 100 = 16\%$$

$$\Rightarrow x = \frac{200}{5} = 40\%$$
17. (c) Required percentage

$$= \frac{24}{40} \times 100 = 60\%$$
18. (b) Required number

$$= 60\% \text{ of } 90 = \frac{90 \times 60}{100} = 54$$
19. (a) Let the C.P. of each book be Re. 1.

$$\therefore \text{ Total C.P. of 25 books} = \text{Rs. 25}$$
Their S.P. = ₹20

$$\therefore \text{ Loss per cent}$$

$$= \left(\frac{25-20}{25}\right) \times 100$$

$$= \frac{5}{25} \times 100 = 20\%$$
20. (c) Loss per cent

$$= \frac{400-320}{400} \times 100$$

$$= \frac{80}{400} \times 100 = 20\%$$
21. (b) C.P. = 12
S.P. = 12 × 1.25 = 15
Total Profit = 15 - 12 = 3
% gain = $\frac{3}{12} \times 100 = 25\%$
22. (c) Successive discounts of x% and y%

$$= \left(x + y - \frac{x \times y}{100}\right)\%$$

: Required discount

= 30 - 2 = 28%

23. (c) Let the cost price be x

 $= \left(20 + 10 - \frac{20 \times 10}{100}\right)\%$

Mark Price $= \left(1 + \frac{20}{100}\right) x = 1.2x$

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24. (b) C.P. of article = ₹100Marked price = ₹150 দ্যান্দ্র প্রায়ে S.P. = $\frac{150 \times 60}{100}$ = ₹90 Loss = 100 - 90 = ₹10 i.e. 10% 25. (a) Simple interest for 2 years =(568 - 520) = 48: Interest for 5 years = ₹ $\frac{48}{2} \times 5 =$ ₹120 Principal = (520 - 120) = ₹400 26. (a) $4200 = \frac{29400 \times 6 \times R}{100}$ \Rightarrow R = $\frac{4200}{294 \times 6} = \frac{50}{21} = 2\frac{8}{21}\%$ 27. (c) If the principal be 100 then দ্যাগ্রুরায়ে S.I. = ₹100. $\therefore \text{ Time} = \frac{\text{S.I.} \times 100}{\text{Principal} \times \text{Rate}}$ $=\frac{100\times100}{100\times12}=\frac{25}{3}$ years = 8 years 4 months 28. (a) $5832 = P\left(1 + \frac{8}{100}\right)^2$ $\Rightarrow 5832 = P\left(1 + \frac{2}{25}\right)^2$ $\Rightarrow 5832 = P \times \frac{27}{25} \times \frac{27}{25}$ $\Rightarrow P = \frac{5832 \times 25 \times 25}{27 \times 27} = ₹5000$ দ্যান্তৰায়ে 29. (b) $A = P \left(1 + \frac{R}{100}\right)^T$ $\Rightarrow 882 = 800 \left(1 + \frac{5}{100}\right)^{\mathrm{T}}$ $\Rightarrow \frac{882}{800} = \left(\frac{21}{20}\right)^{\mathrm{T}}$ $\Rightarrow \frac{441}{400} = \left(\frac{21}{20}\right)^2 = \left(\frac{21}{20}\right)^T$ \therefore T = 2 years দশশুৰাদেও

30. (d) Principal =
$$\frac{S.L \times 100}{Time \times Rate}$$

= $\frac{80 \times 100}{2 \times 4}$ = ₹ 1000
 \therefore C.I. = P $\left[\left(1 + \frac{R}{100} \right)^{T} - 1 \right]$
= $1000 \left[\left(\frac{26}{25} \right)^{2} - 1 \right]$
= $1000 \left[\left(\frac{26}{25} \right)^{2} - 1 \right]$
= $1000 \left[\left(\frac{27}{25} \right)^{2} - 1 \right]$
= $1000 \left(\frac{676}{625} - 1 \right)$
= 1000×51
= $\frac{1}{625} = ₹ 81.60$
31. (d) A's 1 day's work = $\frac{1}{4}$
B's 1 day's work = $\frac{1}{4}$
(A + B)'s 1 day's work
= $\frac{1}{4} + \frac{1}{12} = \frac{3+1}{12} = \frac{4}{12} = \frac{1}{3}$
 \therefore Required time = 3 days
32. (b) A's 2 days' work = B's 3 days' work
 \therefore Time taken by A = 8 days
 \therefore Time taken by B = $\frac{8}{2} \times 3 = 12$ days
33. (d) Work done by (A + C) in 2 days
= $2 \left(\frac{1}{10} + \frac{1}{20} \right) = 2 \left(\frac{2+1}{20} \right) = \frac{6}{20} = \frac{3}{10}$
Remaining work = $1 - \frac{3}{10} = \frac{7}{10}$
(B + C)'s 1 day's work
= $\frac{1}{15} + \frac{1}{20} = \frac{4+3}{60} = \frac{7}{60}$
 \therefore Time taken by (B + C) to finish $\frac{7}{10}$ part of
the work = $\frac{60}{7} \times \frac{7}{10} = 6$ days
 \therefore Total time = 2 + 6 = 8 days

বর্ষ - ৮, ইস্যু - ৯ ★ ডিসেম্বর, ২০২০ 34. (a) Part of the cistern filled by both pipes in 1 hour 40. (b) Rate downstream $=\frac{18}{4}=\frac{9}{2}$ kmph $=\frac{1}{10}+\frac{1}{15}=\frac{3+2}{30}=\frac{1}{6}$ দ্যান্ত আৰ্মি জ্যাত ভাগে Rate upstream $=\frac{18}{12}=\frac{3}{2}$ kmph. \therefore The cistern will be filled in 6 hours. Now, speed of the stream 35. (d) Work done in 1 hour by the filling pump = $\frac{1}{2}$ = <u>Rate downstream</u> – Rate upstream Work done in 1 hour by the leak and the filling pump = $\frac{3}{7}$ $=\frac{\frac{9}{2}-\frac{5}{2}}{2}=\frac{6}{4}=\frac{3}{2}=1.5$ kmph. \therefore Work done by the leak in 1 hour $=\frac{1}{2}-\frac{3}{7}=\frac{7-6}{14}=\frac{1}{14}$ 41. (b) Speed upstream $=\frac{40}{8}=5$ kmph Hence, the leak can empty the tank in 14 Speed downstream $=\frac{36}{6}=6$ kmph hours. 36. (d) 300 days = (300×24) hours : Speed of boat in still water = $(300 \times 24 \times 60 \times 60)$ seconds $=\frac{1}{2}(5+6)=5.5$ kmph : Number of drops দ্যা গুৰায়ে জ্যাচন্দ্রায়ে $= 300 \times 24 \times 60 \times 60$ 42. (d) Speed of current \therefore 600 drops = 100 ml. \therefore 300 × 24 × 60 × 60 drops $=\frac{1}{2}$ (rate downstream – rate upstream) $= \left(\frac{300 \times 24 \times 60 \times 60}{6}\right)$ ml. $=\frac{1}{2}(14-8)$ kmph = 3 kmph $= (1200 \times 60 \times 60)$ ml. 43. (d) Let the breadth of rectangular hall = x m. $=\left(\frac{1200 \times 60 \times 60}{1000}\right)$ litre = 4320 litre. \therefore length = (x + 5) m. Area of hall = Length \times Breadth \Rightarrow 750 = (x + 5) x 37. (b) Time taken = $\frac{\text{Distance}}{\text{Time}}$ $\Rightarrow x^2 + 5x - 750 = 0$ জ্যান্দ আছে দিন গুৰাটে $\Rightarrow x^2 + 30x - 25x - 750 = 0$ $\Rightarrow x (x + 30) - 25 (x + 30) = 0$ $=\frac{\overline{5}}{45}$ hour $=\frac{4\times60\times60}{5\times45}$ sec. = 64 seconds \Rightarrow (x - 25) (x + 30) = 0 \Rightarrow x = 25, as x cannot be negative. \therefore Length of hall = x + 5 = 25 + 5 = 30 m. 38. (a) Time = $10\frac{1}{2}$ hours = $\frac{21}{2}$ hours 44. (a) Let the length and breadth of the rectangle be 3x and 2x cm respectively. Speed = 40 kmphThen, 2(3x + 2x) = 20Distance = Speed \times Time $\Rightarrow 10x = 20 \Rightarrow x = \frac{20}{10} = 2$ $=40 \times \frac{21}{2} = 420$ km \therefore Length = $3x = 3 \times 2 = 6 \text{ cm}$ 39. (d) : 1 m/sec = $\frac{18}{5}$ kmph Breadth = $2x = 2 \times 2 = 4$ cm \therefore Area = 6 × 4 = 24 cm² $\therefore \frac{10}{2}$ m/sec 45. (c) Perimeter of rhombus $= 2\sqrt{d_1^2 + d_2^2}$ Where d_1 and d_2 are diagonals. $=\frac{18}{5}\times\frac{10}{2}=12$ kmph $\therefore 2\sqrt{d_1^2 + d_2^2} = 100$ দৈ গুৰাদেও

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 $\Rightarrow \sqrt{d_1^2 + d_2^2} = 50$ \Rightarrow d₁² + d₂² = 2500 থ্যাচিডাৰ্ম $\Rightarrow (14)^2 + d_2^2 = 2500$ $\Rightarrow d_2^2 = 2500 - 196 = 2304$ $\therefore d_2 = \sqrt{2304} = 48$ \therefore Area of the rhombus $=\frac{1}{2}d_1 \times d_2$ $=\frac{1}{2} \times 14 \times 48 = 336$ sq.cm. 46 (c) $\frac{1}{2(1+b)} = \frac{5}{18} \Rightarrow \frac{1}{1+b} = \frac{5}{9}$ $\Rightarrow \frac{1+b}{1} = \frac{9}{5} \Rightarrow \frac{1+b}{1} - 1 = \frac{9}{5} - 1$ Composition of the second $\Rightarrow \frac{b}{1} = \frac{4}{5}$ $\Rightarrow 1: b = 5: 4$ 47. (d) If d_1 and d_2 are the lengths of diagonals of a rhombus. Then Perimeter = $2\sqrt{d_1^2 + d_2^2}$ $=2\sqrt{24^2+10^2}$ $= 2\sqrt{576 + 100} = 2\sqrt{676}$ $= 2 \times 26 = 52 \,\mathrm{cm}$ দিন হ ব্যায়ে 48. (b) Length of the rubber band $= 3d + 2\pi r$ $= (30 + 10\pi)$ cm 49. (b) $\sqrt{-\sqrt{3} + \sqrt{3 + 8\sqrt{7 + 4\sqrt{3}}}}$ $=\sqrt{-\sqrt{3}+\sqrt{3}+8\sqrt{4}+3+2\times2\sqrt{3}}$ $= \sqrt{-\sqrt{3} + \sqrt{3 + 8\sqrt{(2)^{2} + (\sqrt{3})^{2} + 2 \times 2 \times \sqrt{3}}}}$ $=\sqrt{-\sqrt{3}+\sqrt{3+8\sqrt{(2+\sqrt{3})^2}}}$ $=\sqrt{-\sqrt{3}+\sqrt{3+8\sqrt{2+\sqrt{3}}}}$ $=\sqrt{-\sqrt{3}+\sqrt{3}+16+8\sqrt{3}}$

$$= \sqrt{-\sqrt{3} + \sqrt{(\sqrt{3})^2 + (4)^2 + 2 \times 4 \times \sqrt{3}}}$$

$$= \sqrt{-\sqrt{3} + \sqrt{(4 + \sqrt{3})^2}}$$

$$= \sqrt{-\sqrt{3} + \sqrt{(4 + \sqrt{3})^2}}$$

$$= \sqrt{-\sqrt{3} + 4 + \sqrt{3}} = \sqrt{4} = 2$$
50. (c) Expression
$$= \frac{0.3555 \times 0.5555 \times 2.025}{0.225 \times 1.7775 \times 0.2222}$$

$$= \frac{3555 \times 5555 \times 2025}{225 \times 1.7775 \times 2222} = 4.5$$
51. (d) Room is a part of the house. Similarly, nation is a part of the world.
52. (c) Pen is filled with ink. Similarly, vein is filled with blood.
53. (d) Architect is responsible for the construction of building. Similarly, statues are carved out by Sculptor.
54. (c) The lack of blood is called Anaemia. Similarly, the absence of Government is called Anarchy.
55. (a) we have 210 = (14)^2 + 14 and 380 = (19)^2 + 19 Similarly, 182 = (13)^2 + 13 and (18)^2 + 18 = [342]
56. (a) $42 = (7)^2 - 7 = 49 - 7 56 = (8)^2 - 8 = 64 - 8 Similarly, 132 = (12)^2 - 12 = 144 - 12 Therefore, ? = (13)^2 - 13 = 169 - 13 = 156$
57. (a) XXIV $\times 2 \Rightarrow 24 \times 2 = 48$ Similarly, XIV $\times 2 = 14 \times 2 = 28$
58. (c) D⁺ Father C⁻ Mother A⁺ B Torher B Brother B Son E⁺ Clearly, D is father of A's mother (C) i.e., grandfather (maternal) of A.
59. (b) B is sister of F. Therefore, B is sister-in-law of M.

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60. (b) Only sister of Kala's brother means Kala herself.

Therefore, Mala is daughter of Kala.

61. (a)
$$x \Rightarrow + \div \Rightarrow -$$

? = 39 × 23 ÷ 21 × 5 Suppose

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or,
$$? = 39 + 23 - 21 + 5$$

or, $? = 67 - 21 = 46$
62. (b) $\boxed{+ \Rightarrow \div \Rightarrow -}_{- \Rightarrow \times x \Rightarrow +}$
Given expression
 $12 + 6 \div 3 - 2 \times 8 = ?$
After changing the signs
 $? = 12 \div 6 - 3 \times 2 + 8$
or, $? = 10 - 6 = \boxed{4}$
63. (b) $\boxed{+ \Rightarrow \div \Rightarrow -}_{- \Rightarrow \times x \Rightarrow +}$
 $12 - 8 \times 6 - 4 \div 6 + 3 = ?$
 $\Rightarrow ? = 12 \times 8 + 6 \times 4 - 6 \div 3$
 $\Rightarrow ? = 96 + 24 - 2$
 $\Rightarrow ? = 120 - 2 = 118$
64. (c) Salary is the remuneration one gets in lieu of
service rendered by him/her. But all others
are types of investment (or deposit).
65. (d) Except ear, all others are internal organs.
66. (a) Except ear, all other numbers are multiples of 7.
 $42 = 7 \times 6$
 $49 = 7 \times 7$
 $35 = 7 \times 5$
67. (c) Except 124, all other numbers are completely
divisible by 3. Thus,
 $24 \div 3 = 8$
 $60 \div 3 = 20$
 $210 \div 3 = 70$
But,
 $124 \div 3 = 41.33$
68. (b) \overbrace{Ikm}
Now, she is moving towards West.
70. (c) $\overbrace{C 5 \text{ km}}$
 4 km
 $A \textcircled{-7 \text{ km}}$
 4 km
 4

Now Suresh is in the East direction from the starting point. দ্যান্দ্র

$$37 \times 2 + 1 = \boxed{75}$$

76. (d) 6 11 21 36 56 81
+5 +10 +15 +20 +25
+5 +5 +5 +5
77. (c)
$$18$$
 25 23 30 28
+5 +5 +5
78. (d) 1 + (2)² = 5
5 + (4)² = 21

$$21 + (6)^2 = 57$$

$$57 + (8)^2 = 121$$

$$121 + (10)^2 = 221$$

79. (b) A = 1 \rightarrow The position number in English alphabet. Р

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$$16 + 1 + 20 = 37$$
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Sum of Position Numbers of the letters in English alphabet.

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Similarly, 16 + 1 + 20 =37 Т A Ρ 16 = 3720 80. (b) R O S E \downarrow \downarrow \downarrow \downarrow 6 8 2 1 С H A Ι R \downarrow \downarrow \downarrow \downarrow \downarrow 7 3 4 5 6 Therefore, S EARCH \downarrow \downarrow \downarrow \downarrow 2 7 1 4 6 3 81. (c) 4 2 7 0 8 9 \downarrow \downarrow \downarrow \downarrow \downarrow \downarrow EURBSA 82. (c) The letter 'R' is not present in the word PHOTOSYNTHETIC. 83. (b) There is no letter 'S' in the keyword. 84. (d) There is no 'T' letter in the given word. Therefore, the word INITIAL cannot be formed. P | R O | V I N C I | A L I S | M \Rightarrow S A I L O R দিন গুৰায়ি PROVINCIAL ISM \Rightarrow N A I L PROVINCIALIS M \Rightarrow M A N 85. (a) Both the Premises are Universal Affirmative (A–type). All carts are cars. All cars are trains. $A + A \Rightarrow$ A-type of Conclusion "All carts are trains." This is Conclusion I. 86. (c) Both the Premises are Universal Affirmative (A-type). All men are women All women are crazy. $A + A \Rightarrow A - type$ of Conclusion "All men are crazy". This is Conclusion I. Conclusion III is the Converse of it.

Conclusion IV is the Converse of Statement Q. 87. (b) First Premise is Particular Affirmative (I-type). Second Premise is Universal Negative (Etype). Some skirts are benches. দিন গুৰাদেও No bench is a table. $I + E \Rightarrow O$ -type of Conclusion "Some skirts are not tables." Conclusion II is Converse of the first Premise. 88. (a) Uma > Suma... (i) Neha > Suma ... (ii) Hema > Sudha > Uma > Neha ... (iii) From (i), (ii) and (iii) Hema > Sudha > Uma > Neha > Suma Hence Hema is tallest. 89. (a) B = 2AF = 2BA = 2CC = 2D \Rightarrow F = 2B = 4A = 8C = 16D দ্য গুৰাটে F > B > A > C > DHence second oldest is B. 90. (b) Arun's rank from the last = 31 - 17 + 1 15th 91. (b) First figure \Rightarrow 15 + 12 = 27 and. $27 \div 9 = 3$ Second figure \Rightarrow 44 + 28 = 72 and, $72 \div 9 = 8$ Similarly, in third figure 64 + 53 = 117দ্যাগ্রহায়ে and, $117 \div 9 = |13|$ 92. (a) First figure 15 + 16 = 22 + 9or, 31 = 31Second figure 13 + 7 = 11 + 9or, 20 = 20Third figure 21 + 15 = ? + 13or, ? = 36 - 13 = 2393. (d) $(0)^2 + (3)^2 + (1)^2 + (2)^2$ = 0 + 9 + 1 + 4 = 14 $(3)^2 + (5)^2 + (2)^2 + (4)^2$ = 9 + 25 + 4 + 16 = 54দ্যাগুৰাটে $(3)^2 + (1)^2 + (6)^2 + (5)^2$ = 9 + 1 + 36 + 25 = |71|

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 94. (c) The sum of upper two numbers is equal to the lower number. 22 + 10 = 32 14 + 74 = 88 Similarly, 33 + 26 = 59 95. (b) The sum of the four numbers located in the four arms is equal to the central number. 1st Figure 1 + 44 + 33 + 22 = 110 2nd Figure 	 (e) Plant ↓ (a) Tree ↓ (c) Flower ↓ (d) Fruit 98. (b) Mine yields ore. Ore is processed which gives gold and then ornaments are made from gold. (d) Mine
16 + 40 + 32 + 24 = 112 3rd Figure ? + 12 + 34 + 23 = 114 ⇒ ? = 114 - 59 = 45 96. (c) Meaningful order : (c) Room ↓ (a) House ↓	 (c) Ore (e) Process (a) Gold (b) Ornaments 99. (d) The six colours are : Indigo, Violet, Orange, Red, Green and Blue. The colours Indigo, Plue and Pad are on the
 (b) Road ↓ (d) Hemlet ↓ (e) District 97. (c) Meaningful order of the given words: (b) Seed ↓ 	 The colours Indigo, Blue and Red are on the faces adjacent to Green and therefore, these colours cannot be on the face opposite to Green. After careful observation of all the views of dice, it is clear that Orange lies opposite to Green. 100. (d) There are seven blocks in the given figure.

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