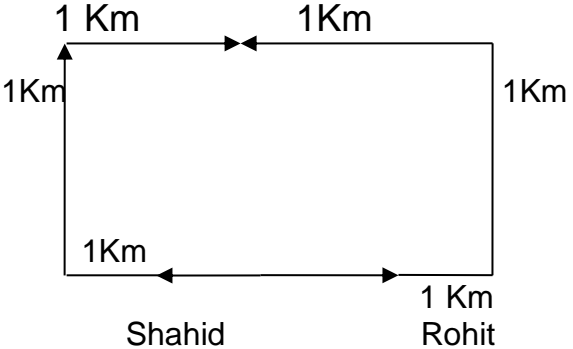
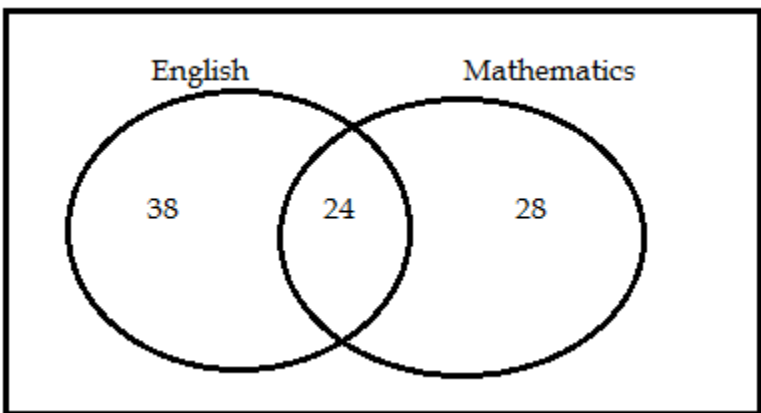
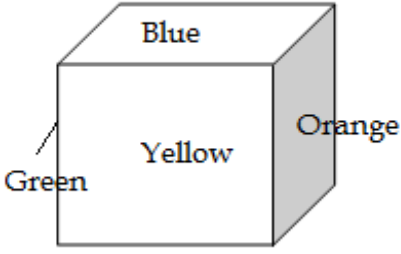


**UPSC Prelim-2015  
CSAT Paper-II (A-Series) Answers with Explanation**

Q. No.	Ans.	Explanation
1	A	
2	D	
3	B	
4	C	
5	C	
6	A	
7	A	
8	D	
9	D	
10	A	Every month the expenditure is fixed 2400 ∴ Expected consumption = $\frac{2400}{80} = 30$
11	A	
12	A	
13	C	
14	D	
15	B	Let he attempted x Questions more ∴ Total questions = 8+x 50% of 8 = 40% of (8+x) From here get value of x and add it to 8 to get total nos of questions
16	D	Let son's age be x Fathers age = 9x Mothers age = 8x ∴ 9x+8x=51 17x=51 X=3 ∴ Son's age = 3 years
17	C	
18	A	
19	A	
20	B	
21	A	
22	D	
23	C	
24	B	

25	C	
26	D	
27	C	
28	B	
29	B	
30	C	
31	C	$N(A \cup B \cup C) = 45 + 55 + 40 - 30 - 15 - 25 + 10 = 80$ $\therefore N(A \cup B \cup C) = 100 - 80 = 20$
32	D	
33	B	 <p style="text-align: center;">Shahid                      Rohit</p> <p style="text-align: center;">After Travelling 3 Km each both meets.</p>
34	A	In unit time when A travels = 500 metres B travels = 420 metres $\therefore$ Ratio of their speeds = 500 : 420 = 25:21
35	A	$(\frac{1}{3} + \frac{1}{4}) : (\frac{2}{3} + \frac{3}{4})$
36	A	 <p style="text-align: center;"><math>\therefore</math> The number of student who passed finally = <math>130 - (38 + 24 + 28)</math> <math>= 130 - 90 = 40</math></p>



		$=25Xx + 5x = 40x$ But if its interchanged then false bill = $25 \times 3x + 5Xx = 80x$ $\therefore$ Rise will be of 100 %, so original pairs of brown socks = 25
51		
52	A	
53	B	$\frac{20 \times 30}{(20 + 30)} = \frac{600}{50} = 12 \text{ Mins}$
54	C	From the statements 1 and 3 we can conclude O is opposite to G.  
55	D	
56	D	
57	C	
58	C	
59	C	Money spend by family A on food = $\frac{50}{100} \times 20000 = 10,000$ Money spent by family B on food = $\frac{10}{100} \times 100000 = 10,000$ Both are same
60	B	USHA > KAMALA SWATI > PRITI KAMAL > SWATI $\therefore$ USHA > KAMALA > SWATI > PRITI
61	D	
62	D	
63	A	
64	A	
65	C	
66	A	
67	A	
68	C	
69	C	Task-I (Person 1 or2) Task-II Assigned to (Person 3or4) Task-III Task-IV Task-V

		Revised answer = $L \times 3 \times 4 = 24$								
70	A	Let Income of Peter and Paul be $4x$ & $3x$ and their expenditure by $3y$ & $2y$ $4x - 3y = 6000$ 1... $x \times 2$ $3x - 2y = 6000$ 2... $x \times 3$ $+x = +6000$ $\therefore$ Income of Peter & Paul = $24000 \times 18000$								
71	B	Average Speed = $\frac{2 \times 40 \times 60}{60 + 40} = 48 \text{ Km/hr}$								
72	B									
73	A									
74	C	Here factorize 24 which is $6 \times 4$ now if 6 are boys and 4 girls then total handshakes among boys and girls = $6 \times 4 = 24$ Boys will hug among themselves = $5 + 4 + 3 + 2 + 1 = 15$ Girls will hug among themselves = $3 + 2 + 1 = 6$ $\therefore$ Total hug = $15 + 6 = 21$ ways								
75	D	Shabnam $\longrightarrow$ Marathi Anil $\longrightarrow$ Tamil Then either Rekha or David speaks either Marathi or Tamil and both drives car thus option D is correct.								
76	D									
77	D									
78	B	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Fighters</td> <td style="width: 50%;">Cowards</td> </tr> <tr> <td>A</td> <td>C</td> </tr> <tr> <td>E</td> <td>D</td> </tr> <tr> <td>F</td> <td>B</td> </tr> </table>	Fighters	Cowards	A	C	E	D	F	B
Fighters	Cowards									
A	C									
E	D									
F	B									
79	B	White Marbles = 10 Red Marbles = 13 Green Marbles = 5 $\therefore$ Total Marbles = 28								
80	C	Let total be 100 $\therefore$ Men = 60 Women = 40 Men Qualified $\frac{70 \times 60}{100} = 42$ Women Qualified $\frac{75 \times 40}{100} = 30$ Final result of Men $\frac{80 \times 42}{100} = \frac{168}{5} = 33.6$ Final result of Women $\frac{70 \times 30}{100} = 21$ $\therefore$ Men's final result is more than women								