Mixed Questions

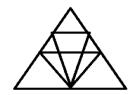
1. Bottle 1 contains a mixture of milk and water in 7:2 and Bottle 2 contains a mixture of milk and water in 9:4. In what ratio of volumes should the liquids in Bottle 1 and Bottle 2 be combined to obtain a mixture of milk and water in 3:1?						
A. 27:14	B. 27:13	C. 27:16	D. 27:18			
2. Out of the shirts produced in a factory, 15% are defective, while 20% of rest are sold in the domestic market. If the remaining 8840 shirts are left for exports, then the number of shirts produced in the factory is						
A. 13600	B. 13000	C. 13400	D. 14000			
3. If 738A6A is divisib	le by 11, then the valu	e of A is				
A. 6	B. 9	C. 3	D. 4			
4. Excluding stoppages, the speed of a bus is 80 kmph and including stoppages, it is 60 kmph. For how many minutes does the bus stop per hour?						
A. 12	B. 15	C. 18	D. 20			
5. If a train runs with the speed of 48 kmph, it reaches its destination late by 12 minutes. However, if its speed is 64 kmph it is late by 3 minutes only. The right time to cover its journey (in minutes) is:						
A. 24	B. 18	C. 20	D. 22			
6. The sum of income of A, B, C is Rs. 30000. A, B, and C spend 75%, 70% and 62% of their income. If their savings are in ratio 20: 21: 19. Then what are their salaries? A. 12000, 10500, 7500						
B. 12000, 10000, 800	0					
C. 10000, 12000, 800	0					
D. 8000, 16000, 6000						
7. A does 80% of a work in 20 days. He then calls in B and they together finish the remaining work in 3 days. How long B alone would take to do the whole work?						
A. 23 days						
B. 37 days						
C. 37.5 days						
D. 40 days						
E. None of these						

8. There were 8 participants in challenge of Shooting and the average score was 87. The winner got 2 more score than the first runner up. Average of rest 6 participants is 85. What are the scores of winner and 1st runner up?

A. 94, 92	B. 90, 92	C. 94, 96	D. 88, 90			
9. The profit percentage on the three articles A, B and C is 10%, 20% and 25% and the ratio of the cost prices is 1 : 2 : 4. Also the ratio of number of articles sold of A, B and C is 2 : 5 : 2, then the overall profit percentage is.						
A. 21%	B. 23%	C. 19%	D. 24%			
10. The difference between compound interest and simple interest on an amount of Rs. 15,000 for 2 years is Rs. 96. What is the rate of interest per annum?						
A.8	B.10	C.12	D. Cannot be determined E. NOT			
11. Statements:						
Some additions are su	ubtractions.					
No subtraction is mul	tiplication.					
All multiplications are divisions						
Conclusions:						
Some divisions are additions						
Some multiplications are additions						
No division is addition						
A. None follows						
B. Only I follows						
C. Only II follows						
D. Only either I or III follows						
E. Only III follows						
12. Statements:						
All poles are fans.						
All fans are stands.						
Some stands are lines.						
Some lines are boxes.						
Conclusions:						
Some boxes are poles.						
Some fans are boxes.						

Some lines are poles.

Some lines are fans.					
A. All not follows					
B. Only I and II not fo	llow				
C. Only II and IV not f	ollow				
D. Only III and IV not	follow				
E. Only I, II and IV not	follow				
then turning to his rig	ght (drives towards We	est) another 10 km. He	d takes a drive of another 10 km. He then turns to his left & walks another ne from his initial point & in which		
C. 16 km West					
D. 10 km South					
E. None of these					
14. If A + B means A is the mother of B; A – B means A is the brother B; A % B means A is the father of B and A x B means A is the sister of B, which of the following shows that P is the maternal uncle of Q? A. Q – N + M x P B. P + S x N – Q C. P – M + N x Q D. Q – S % P					
15. 10, 11, 13, 21, 69,		0.450	D 000		
A. 384	B. 490	C. 453	D. 390		
16. 3, 5, 14,, 2 A. 42	107 В. 28	C. 30	D. 16		
17. Position of Atul in a row is 26th from the right side of the row. He is sitting 38th from the left side of the row. Find out the total number of people in the row.					
A. 62	B. 63	C. 64	D. 65		
18. Wine is related to A. Flour	Grapes in the same w B. Oranges	vay as Vodka is related C. Potatoes	to D. Apples		



A. 12 B. 18 C. 22 D. 26

20. A man pointing to a photograph says, "The lady in the photograph is my nephew's maternal grandmother." How is the lady in the photograph related to the man's sister who has no other sister?

A. Mother

B. Cousin

C. Mother—in—law

D. Sister—in—law

Date : Mixed questions is 1 Mixture Patio (Milk: Water - 3:1) 1 et Bottle 1 - 7:2 DMIK 70-719. Bottle 2 = 9:4 -> Milk 10 = 9/13 Final = 3:1 -> Milk 10 = 3/4 1 Ratio - 3/4-9/13 - (39-36)/52 14/9-3/4 (28-27)/36 2) pelective Shirt problem Let total Shints = X Defective - 1500 50.1500 Permaining = 0.85x Sold in domestic = 20.00 of 0.85x - 0.17x Exported = 0.85x -0.17x = 0.68x 0.68x = 88 40 -) x - 8840' = 13000/ 3. Divisibility by 11 Number = 78826A Alternate Sum = 7-3+8-A+6-A2-18-2A Fordivisibility by 11 2 divisible by 11 Iny A = 3: 18-213)=12-) Not divisible A > 6', 18 - 12 - 6 ...

1-9:18-18-01 - Darvisible AN B 9 ** V A Bus stops por hour Speed with stop - 80
Speed with stops - 80
So, but is summing Bolzo = 314 0ftime 12845 That means It Stops 1/4 oftime posts = 15 minules, 5 Train Late problem 802x let distance $\frac{x}{48} - \frac{x}{64} = 9$ 2 (192) - 9 818. Time at correct speed 288 Income and Saving

MTWTFSS Let incomes be A, B, C -> A+B+, C = 30000 A Savel 250/0-25A B Savel 30°10 - 20.30B C Saves 38°10 -) 0.38C Griven: 0.25A:0.30B:0.38c-20:21:19 · A. 120000, B-10500, C=7500, 7) work problem A do es 80°10 in 20days > 100°10 in 25days So work left - 20°10 in 3 days by A+R 20°10 in 3 days > fullwork in 15 days together AS Prote - 1/25, A+B= 415 -> B- 415- 425 B-37.5 days 8 Shooting Average Total Score - 8x87-696 6 players aug - : 85 > total= 510 Remaining 2 = 696-510 - 186 1 et winner = x , summer -up = x -2 $x + x - 2 = 186 \rightarrow 25c - 188$ 9) over all profit % Cost paice natio: A: B: C = 1:2:4 -1 et. CPS = 1,2,4

COMPASS M T W T F S S Date: Parofit 10 = 10:10,2010,25:10 Selling parico = 1.1,1.4,5 items sold anallo = 2:5:2 Total Cp = 2x1+5x2+2x4 - 2+10+2 Total 8p - 0x1.1+5x2.4+2x5-2.2+12 Profit - 4.2/20 - 2110/ 10 CT - ST Difference Difference for 2 yore - P(Res)/100 96 - 15000 R² R2 - 32 2 2 +5000 -) 64R 31 P2 - 64 -) P2 11) Syllogism only con clusion I & III have possibles so only either For III follows, 12 Syllogism Conclusion T. J. boxes. J. Poles- Nonellie

M T W T F S S Il fans - boxes - no relation IV-lines I fand = nosuch Statement only 111 is possible. Enot follow) 13 Direction Path: East 24 Right (South) 10 Right (west) 10 - nowat 14 Fast. eft (South) 8 -) fotal South=18 Pight (west) 14-) now at a East 2) 4-14= SO -) 181Cm South. 14 Maternal Unde Jogic Maternalunde-mothers brother option C: P-M+NXQ

Pisbrother of M, Mismother of N. Nis
Sister of a -> pismatemalunde of a. AXU- C.P - M+NXQ 15 Senies: 10, 11, 13, 21, 69, P Check pattern: +1,+2,+8,+48 D. multiplying Pattern. Toydifference method: 11-10-1, 13-11-2, 21-13-8;69-21=48

Ödödödö Niv 1: 13 00 / 4 343/3= 364/ +144-213/ Toybetter approach! 11+2=13 89+(48×3) = 69+×4=213 = ×61 × 40×6 peck option and so 1.324 16 Seenes: 3,5,14,?,103 3 -3 5 (+2) 5-) 14(+9) M+x+: wahpr +535914+52-40 No - A.42 17 bosipion Exampell -38 Folor 3/21 -26 Tolor 38+26-1=13, B.63 1) Wine: brooks Dooks: 2.

MTWTFSS Date: (potatoe) 19 Torrangeelina Figure Norimage, Socant answer psecisely C. 22 (Standard Islangular puzzle) 20 Lady i's nephewsmaternal grands Nephew 2 staten's Son Maternal grandmother 2 mans mother Sothe lady is brans brother.