CSS General Abilities Topic 5 Analytical Reasoning

Sr	Questions	Answers Choice
1	Directions: Study the following information to answer the given questions. (i) Six books are kept one on top of other. (ii) The History book is just above Accounting. The maths book is between Punjabi and Urdu. (iii) English is between History and Punjabi. Which book is at the top ?	A. Urdu B. Punjabi C. Accounting D. Cannot be determined
2	Two or more essences out of a stock five essences-- L, M, N, O, and P are used in making all perfumes by a manufacturer. He has learned that for a blend of essences to be agreeable it should comply with all the rules listed below. • A perfume containing L, should also contain the essence N, and the quantity of N should be twice as that of L. • A perfume containing M, must also have O as one of its components and they should be in equal proportion. • A single perfume should never contain N as well as O. • O and P should not be used together. • A perfume containing the essence P should contain P in such a proportion that the total amount of P present should be greater than the total amount of the other essence or essences used. **Among the below mentioned formulas, which can be made agreeable by the eliminating some or all of one essence ?**	A. One part L, one part M, one part N, four parts P B. One part L, two parts N, one part O, four parts P C. One part L, one part M, one part O, one part P D. Two parts L, two parts N, one part O, two parts P E. Two parts M, one part N, two parts O, three parts P
3	Nine individuals - Z, Y, X, W, V, U, T, S and R - are the only candidates, who can serve on three committees-- A, B and C, and each candidate should serve on exactly one of the committees. Committee A should consist of exactly one member more than committee B. It is possible that there are no members of committeeC. Among Z, Y and X none can serve on committee A. Among W, V and U none can serve on committee G. Among T, S and R none can serve on committee C. **In case any of the nine individuals serves on committee C, which among the following should be the candidate to serve on committee A ?**	A. Z B. Y C. W D. T E. S
4	A bus has exactly six stops on its route. The bus first stops at stop one and then at stops two, three, four, five, and six respectively. After the bus leaves stop six, the bus turns and returns to stop one and repeats the cycle. The stops are at six building that are, in alphabetical order L, M, N, O, P, and Q. P is the third stop. M is the sixth stop. The stop O is the stop immediately before Q. N is the stop immediately before L. **In case N is the fourth stop, which among the following must be the stop immediately before P ?**	A. O B. Q C. N D. L E. M
5	Directions: Study the following information to answer the given questions. (i) Six firends, A, B, C, D, E and F are seated in a circle facing inwards. (ii) F is between A and D. (iii) C is between E and B. (iv) E is not between D and C (v) D is second to the left of C. Which of the following is D's position ?	A. Second to the right of A B. Next to the right of B C. Third to the left of B D. Fourth to the right of A
6	Directions: Study the following information to answer the given questions. (i) Six firends, A, B, C, D, E and F are seated in a circle facing inwards. (ii) F is between A and D. (iii) C is between E and B. (iv) E is not between D and C (v) D is second to the left of C. Which of the above statements is not required to arrive at the seating position of the all the six friends ?	A. (ii) only B. (iii) only C. (iv) only D. all are required

7	Directions: Study the following information to answer the given questions. (i) Six books are kept one on top of other. (ii) The History book is just above Accounting. The maths book is between Punjabi and Urdu. (iii) English is between History and Punjabi. Which book is between the Maths and English books ?	A. History B. Accounting C. Urdu D. None of these
8	Directions: From among five doctors 1, 2, 3, 4 and 5; four engineers G, H, K and L; and six teachers, M, N, O, Q, and R, some teams are to be selected. Of these 1, 2, G, H, O, P, Q are females and the rest re males. The formation of the teams is subject to the following conditions: i-Wherever there is a male doctor, there will be a female teacher. ii-Wherever there is male engineer, there will be a female doctor. iii-There shall not be more than two male teachers in any team. **If the team consists of two doctors, three female teachers, and two engineers, the members of the team are**	A. 340 OPQGH B. 120OPQGH C. 34KLOPQ D. 45GHOPQ
9	Directions: From among five doctors 1, 2, 3, 4 and 5; four engineers G, H, K and L; and six teachers, M, N, O, Q, and R, some teams are to be selected. Of these 1, 2, G, H, O, P, Q are females and the rest re males. The formation of the teams is subject to the following conditions: i-Wherever there is a male doctor, there will be a female teacher. ii-Wherever there is male engineer, there will be a female doctor. iii-There shall not be more than two male teachers in any team. **If the team consists of two doctors, two engineers, and two teachers, all the following teams are possible except**	A. 35KLNR B. 12GHMN C. 34KLOP D. 12GHOP
10	Nine individuals - Z, Y, X, W, V, U, T, S and R - are the only candidates, who can serve on three committees-- A, B and C, and each candidate should serve on exactly one of the committees. Committee A should consist of exactly one member more than committee B. It is possible that there are no members of committeeC. Among Z, Y and X none can serve on committee A. Among W, V and U none can serve on committee G. Among T, S and R none can serve on committee C. **In case T, S and X are the only individuals serving on committee B, the total membership of committee C should be:**	A. Z and Y B. Z and W C. Y and V D. Y and U E. X and V
11	Successfully adjusting to one's environment leads to happiness. War at a universal level war destroys the weaker people, who are the most unable to adjust to their environment. Thus, war at the universal level puts weaklings out of their misery and allows more space for their predators to enjoy life in a better manner. As those actions have to be performed, which maximize the level of happiness of the greatest number, war at a universal level should take place. **The author's discussion would be greatly if he agreed to which of the following ?** i. Technology could change the environment. ii. War at the universal level would be an integral part of the environment. iii. It is possible for the strong to survive without suppressing the weak.	A. i only B. ii only C. iii only D. i and iii only E. i, ii and iii only
12	Directions: From among five doctors 1, 2, 3, 4 and 5; four engineers G, H, K and L; and six teachers, M, N, O, Q, and R, some teams are to be selected. Of these 1, 2, G, H, O, P, Q are females and the rest re males. The formation of the teams is subject to the following conditions: i-Wherever there is a male doctor, there will be a female teacher. ii-Wherever there is male engineer, there will be a female doctor. iii-There shall not be more than two male teachers in any team. **If the tam consists of three doctors, two male engineers, and two teachers, the members of the team could be**	A. 345KLMN B. 123KLMR C. 345KLPR D. 12HMRPQ
13	Directions: Study the following information to answer the given questions. (i) Six firends, A, B, C, D, E and F are seated in a circle facing inwards. (ii) F is between A and D. (iii) C is between E and B. (iv) E is not between D and C (v) D is second to the left of C. Who is between A and C ?	A. B B. E C. D D. None of these
	A bus has exactly six stops on its route. The bus first stops at stop one and then at stops two, three, four, five, and six respectively. After the bus leaves stop six, the bus turns and returns to stop one and repeats the cycle. The stops are at six building that are, in alphabetical order L, M, N, O, P, and Q. P is the third stop.	A. N B. L

14	M is the sixth stop. The stop O is the stop immediately before Q. N is the stop immediately before L. **In case L is the second stop, which among the following must be the stop immediately before M ?**	B. L C. P D. O E. Q
15	Nine individuals - Z, Y, X, W, V, U, T, S and R - are the only candidates, who can serve on three committees-- A, B and C, and each candidate should serve on exactly one of the committees. Committee A should consist of exactly one member more than committee B. It is possible that there are no members of committeeC. Among Z, Y and X none can serve on committee A. Among W, V and U none can serve on committee G. Among T, S and R none can serve on committee C. **Among the following combinations which could constitute the membership of committee C ?**	A. Y and T B. X and U C. Y, X and W D. W, V and U E. Z, X, U and R
16	A bus has exactly six stops on its route. The bus first stops at stop one and then at stops two, three, four, five, and six respectively. After the bus leaves stop six, the bus turns and returns to stop one and repeats the cycle. The stops are at six building that are, in alphabetical order L, M, N, O, P, and Q. P is the third stop. M is the sixth stop. The stop O is the stop immediately before Q. N is the stop immediately before L. **In case a passenger gets on the bus at O, rides past one of the stops, and gets off at P, which of the following must be true ?**	A. O is stop one B. Q is stop three C. P is stop four D. N is stop five E. L is stop six
17	Nine individuals - Z, Y, X, W, V, U, T, S and R - are the only candidates, who can serve on three committees-- A, B and C, and each candidate should serve on exactly one of the committees. Committee A should consist of exactly one member more than committee B. It is possible that there are no members of committeeC. Among Z, Y and X none can serve on committee A. Among W, V and U none can serve on committee G. Among T, S and R none can serve on committee C. **In case R is the only individual serving on committee B, which among the following should serve on committee A ?**	A. W and S B. V and U C. V and T D. U and S E. T and S
18	Directions: From among five doctors 1, 2, 3, 4 and 5; four engineers G, H, K and L; and six teachers, M, N, O, Q, and R, some teams are to be selected. Of these 1, 2, G, H, O, P, Q are females and the rest re males. The formation of the teams is subject to the following conditions: i-Wherever there is a male doctor, there will be a female teacher. ii-Wherever there is male engineer, there will be a female doctor. iii-There shall not be more than two male teachers in any team. If the team consists of two doctors, two female teachers and two engineers, all the following teams are possible except	A. 12 KLPQ B. 12GHPQ C. 12GHOQ D. OPGH12
19	In an experiment conducted at a laboratory, 160 white mice were injected with Serum D. 160 other white mice were injected with a harmless sugar solution. In two weeks time 39% of the white mice, who were injected with Serum D contracted the highly contagious and often fatal disease, jungle fever. Hence, it can be concluded that jungle fever is caused by some elements similar to the elements in Serum D. **The above discussion would be weakened most severely in case it is shown that**	A. People contracting jungle fever are usually the victims of the bite of the South American Lesser Hooded Viper. B. One among the 160 white mice had already contracted jungle fever prior to the laboratory experiment. C. The natural habitats of white mice does not contain any of the elements found in Serum D. D. The scientists administered the injections being ignorant of the contents of the solutions used. E. The 160 white mice used in the laboratory experiment were kept isolated from each other.
20	Two or more essences out of a stock five essences-- L, M, N, O, and P are used in making all perfumes by a manufacturer. He has learned that for a blend of essences to be agreeable it should comply with all the rules listed below. • A perfume containing L, should also contain the essence N, and the quantity of N should be twice as that of L. • A perfume containing M, must also have O as one of its components and they should be in equal proportion. • A single perfume should never contain N as well as O. • O and P should not be used together. • A perfume containing the essence P should contain P in such a proportion that	A. One part L B. One part M C. Two parts N D. One part O E. Two parts P

- A perfume containing the essence P should contain P in such a proportion that the total amount of P present should be greater than the total amount of the other essence or essences used.

Among the following, the addition of which combination would make an unagreeable perfume containing two parts N and one part P agreeable?