NAT I Computer Science Analytical

Sr	Questions	Answers Choice
1	Choose the answer you think is most appropriate among the given options.Nine individuals - Z, Y, X, W, V, U, T, S and R - are the only candidates who can serve on three committees labeled A. B and C.Each candidate should serve on exactly one of the committees.Committees A should consist of exactly one member more than that of committees B.It is possible that there are no members of committees C. Among Z, Y and X none can serve on committee A. Among W, V and U none can serve on committee C. Among T, S and R none can serve on committee C.14. 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
2	Choose the best answer; that is the response that most accurately and completely answers the question.Follow is to the real Pakistan leaving behind the disturbances of civilization. Real Pakistan is still inhabited by the eagle, the cow, the black deer, and tigers; it is still spacious, sprawling, and majestic. Experience the freedom and serenity still to be found in _____,8.The above paragraph is most likely to appear in which of the following?	A. A Guide to Wild life in Pakistan B. Exploring the great Outdoors C. The Quiet Beauty of Harppa D. How the Eagle Became Extinet E. Returning of Pakistan.
3	Choose the answer you think is most appropriate among the given options.Three men (Tahir, Pervaiz, and Javed) and three women (Elena, Ayesha, and Kiran) are spending a few months at Abbottabad. They are to stay in a row of nine cottages each one living in his or her own cottage There are no others staying in the same row of houses.i. Ayesha, Tahir, and Javed do not want to say in any cottage which is at the end of the row.ii. Elena and Ayesha are unwilling to stay besides any occupied cottage.iii. Kiran is next to Pervaiz and javed.iv. Between Ayesha and javed's cottage there is just one vacant house.v. None of the girls occupies adjacent cottages.vi. The house occupied by Tahir is next to an end cottage.3. Which among these statement (s) are true?a. Ayesha is between Elena and Javed.b. At the most four persons can have occupied cottages on either side of them.c. Tahir stays besides Pervaizs.	A. I only B. II only C. I and III only D. II and III only E. I,II and III
4	Choose the answer you think is most appropriate among the given options.Four captains and the first mates of three of them were called to attend the annual meeting at head quarters. The captains were Luqman, Manzoor, Nauman and Osaf: the first mates were Ayesha, Durya and Gia. Each person in turn delivered a report to the chairperson as follows:Each of the first mates delivered their report exactly after her captain. The first captain to speak was Manzoor, and captain Nauman spoke after him.(Represent the person with first letter of his name)18. Which of the following order of delivering report is not conformable with the conditions?	A. M, A, N, G, O, L, D B. M, D, N, G, L, O, A C. M, N, A, L, D, O, G D. M, N, A, O, D, L, G E. M, N, G, D, O, L, A
5	Choose the answer you think is most appropriate among the given options.Six scientists A, B, C, D, E, and F are to present a paper each at a one-day conference,Three of them will present their papers in the morning session before the lunch break whereas the other three will be presented in the afternoon session. The lectures have to be scheduled in such a way that they comply with the following restrictions:B's should present his paper immediately before C's presentation; their presentations cannot be separated by the lunch break.D must be either the first or the last scientist to present his paper.46. B could be placed for any of the following places in the order of presenters EXCEPT	A. First B. Second C. Third D. Fourth E. Fifth
6	Choose the answer you think is most appropriate among the given options.Two or more tealeaves out of five varieties-- Livana, Mathia, Novajana, Oxia, and Piask are used in making all branded blends by a marketer following the rules given below.A brand containing Livana should also contain Novajana twice that of Livana.A brand containing Mathia must also have equal quantity of Oxia.A single brand never contains Novajana as well as Oxia.Oxia and Piask should not be used together.A blend containing Piask should contain it in such a proportion that the total amount of Piask present should be greater than the total amount of the other tealeaves10. Among the following which combination cannot be used together in an agreeable brand containing two or more types of tealeaves?	A. Livana and Mathia B. Livana and Novajana C. Livana and Piask D. Mathia and Oxia E. Piask and Novajana
7	Choose the best answer; that is the response that most accurately and completely answers the question.A greater number of computers are sold in Sahiwal than in Burewala. therefore the people of Sahiwal are better informed about world events than are the people of Burewala. Each of the following if true weakens the conclusion above EXCEPT:	A. Sahiwal has a larger population than Burewala. B. Most people of Burewala work on Sahiwal. C. Each person of Sahiwal spends less time in surfing internet than does a person in Burewala. D. The internet bandwidth is 128 kbps in both towns, E. Bandwidth usage of Burewala is more than that is Sahiwal.
8	Choose the answer you think is most appropriate among the given options. Multan Institute of Higher Studies planes to show five educational films A, B, C, D. and E to a group of students. The film shows are planned in an order. which conforms to the following conditions:A must shown earlier than C.B must shown earlier than D.E should be the fifth film shown.36. In case D is to be shown earlier than A Then for which of the following is exactly the one position from first through fifth in which it can be scheduled to be shown?	A. A B. B C. C D. D E. E
		A. We are always trying to

9	Choose the best answer; that is the response that most accurately and completely answers the question.Selfishness is a principal evil in our society. Every person is concerned with only himself, Personal advancement is the only motivating force in the world today. This does not mean that individuals are not willing to help one another, on the contrary,_____, However these are only short-term occurrences, which ultimately serve our long-term goal of personal gain.18. To fill in the blank in the above passage select one of the options from the below mentioned options:	undermine orders endeavors. B. People always deceive one another. C. Even close friends are not trustworthy. D. People want power to control others E. There are many occasions when we graciously offer our assistance.
10	Choose the answer you think is most appropriate among the given options.Four captains and the first mates of three of them were called to attend the annual meeting at head quarters. The captains were Luqman, Manzoor, Nauman and Osaf: the first mates were Ayesha, Durya and Gia. Each person in turn delivered a report to the chairperson as follows:Each of the first mates delivered their report exactly after her captain. The first captain to speak was Manzoor, and captain Nauman spoke after him.(Represent the person with first letter of his name)22. In case L speaks after A, and A is the third of the first mates to speak, then among the following statements which would be untrue?	A. O spoke immediately after G B. The order of the first four speakers was M, G, N, D C. O's first fourth mate was present D. A was the fourth speaker after M E. The captains spoke in the order M, N, O, L
11	Choose the answer you think is most appropriate among the given options. Nine individuals - Z, Y, X, W, V, U, T, S and R - are the only candidates who can serve on three committees labeled A. B and C.Each candidate should serve on exactly one of the committees.Committees A should consist of exactly one member more than that of committees B.It is possible that there are no members of committees C. Among Z, Y and X none can serve on committee A. Among W, V and U none can serve on committee C. Among T, S and R none can serve on committee C.17. 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
12	Choose the answer you think is most appropriate among the given options.On a factory control room. there are three ON-OFF switches on central control panel, labeled A, B, and C, They are changed from setting to a required setting based on the following rules:In case only switch A is ON in the default setting, then turn switch B ON.In case switches A and B are the only switches On in the default setting, then turn the switch C ON. In case all the three switches are ON in default setting then turn the switch C OFF. For any other default setting, turn ON all switches that are OFF all switches, if any that are ON.29. In case in default setting the swtihes A and B are ON and the switch C is OFF, then what could be the second setting?	A. A ON, B ON, C ON. B. A ON, B OFF, C ON. C. A ON, B OFF, C OFF. D. A OFF, B ON, C OFF. E. A OFF, B OFF, C ON.
13	Choose the best answer; that is the response that most accurately and completely answers the question.Drama Producers earn their profits primarily from advertising revenue, and potential advertises are more likely to advertise in TV with a wide network, a large number of cable operators and other views than with other channels However the coverage of the channel that is currently the most popular one in this city has steadily declined during the last two years, while the coverage of one of its competitors has steadily increased. Any of the following if true would help explain the apparent discrepancy between the two statements above EXCEPT:	A. The most profitable producer in the city receives revenue from its subscribers as well from advertisers. B. Advertisers generally switch from the most popular channel to another one only when the other one becomes the most popular instead. C. The number of channels competing viably with the most profitable channel in the city has increased during the last two years. D. The network of the most profitable TV channel in the city is still greater than of any of its competitors. E. Advertising rates charged by the most profitable TV channel in the city are significantly higher than those charged by its competitors.
14	Choose the answer you think is most appropriate among the given options.Six scientists A, B, C, D, E, and F are to present a paper each at a one-day conference,Three of them will present their papers in the morning session before the lunch break whereas the other three will be presented in the afternoon session. The lectures have to be scheduled in such a way that they comply with the following restrictions:B's should present his paper immediately before C's presentation; their presentations cannot be separated by the lunch break.D must be either the first or the last scientist to present his paper.45. In case C is to be the fifth scientist to present his paper, then B must be.	A. First B. Second C. Third D. Fourth E. Sixth
15	Choose the answer you think is most appropriate among the given options.An Internal Services Manager at a large corporation has been assigned the task of allotting offices to six of the staff members.The offices are titled A through F.Mrs.Ruby needs to use the telephone quite often throughout the day.Mr. Mujahid and Mr. Zahid need adjacent offices as they need to consult each other often while working. Mrs. Fauzia is a senior employee and has to be alloted the office marked E, having the biggest window.Mr. Abid requires silence in the offices next to his Mr.Shahid Mr. Mujahid, and Mr, Abid are all smokers. Mrs Fauzia requires non-smoker neighbors.Unless specifically stated all the employees maintain an atmosphere of silence during office hours.6. The ideal office for Mr, Mujahid would be.	A. B B. F C. A D. C E. D
16	Choose the answer you think is most appropriate among the given options.New specie of bacteria A, causes the infectious disease A. The first symptoms appear after two days since the bacteria A enters the body of the victim. The carrier for the bacteria is some flies, mosquitoes, and bees.A mosquito bit Javed on Monday, February 6. Farooq worked with javed the next day, Tuesday, February 7. There were no other possibilities of exposure to disease A.26. In case javed displayed symptoms of disease A. which would be true?j. javed was also bitten by a fly on February 5.k. javed was bitten by a mosquito,which carried the bacteria A.l. Farooq contracted Disease A from Javed.	A. I only B. II only C. III only D. I and II only E. II and III only
17	Choose the answer you think is most appropriate among the given options.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 buildings 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. 44. In case a passenger gets on the bus at Q, rides past	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.

	is the stop immediately before L.44. 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?	E. L is stop six.
18	Choose the best answer; that is the response that most accurately and completely answers the question. Q,1-2. In an in vitro study 160 white cats were injected with Salt X. 160 other white cats were injected with placebo. In two weeks 39% of the white cats who were injected with Salt X showed symptoms of Key fever? Hence it can be concluded that key fever is caused by some elements similar to the elements in Salt X. 1. Which of the following statements would most seriously weaken the above discussion?	A. People suffering from Kay fever are the victims of the golden viper of Sindh. B. One among the 160 white cats had already showed symptoms of Kay fever prior to the experiment. C. The natural habitats of white cats does not contain any of the elements found in Salt X. D. The 160 white cats used in the experiment were kept isolated from each other. E. The scientists administered the injections being ignorant of the contents of the salt used.
19	Choose the answer you think is most appropriate among the given options.Four captains and the first mates of three of them were called to attend the annual meeting at head quarters. The captains were Luqman, Manzoor, Nauman and Osaf: the first mates were Ayesha, Durya and Gia. Each person in turn delivered a report to the chairperson as follows:Each of the first mates delivered their report exactly after her captain. The first captain to speak was Manzoor, and captain Nauman spoke after him.(Represent the person with first letter of his name)23. Among the following statements, which would make M, D, N, G, L, O, A the only possible sequence of speakers?	A. D is M's first mate; G is N's first mate; A is O's first mate. B. D is M's first mate; G is first mate; A was the second to speak after L. C. The order of the first four speakers was M, D, N, G. D. The order of the last three speakers was L, O, A E. The order in which the captains spoke was M, N, L, O.
20	Choose the answer you think is most appropriate among the given options.Multan Institute of Higher Studies planes to show five educational films A, B, C, D. and E to a group of students. The film shows are planned in an order. which conforms to the following conditions:A must shown earlier than C.B must shown earlier than D.E should be the fifth film shown.38. Which among the following is a pair of films that CANNOT both be shown earlier than E?	A. A and B B. A and D C. B and C D. B and D E. C and D