

NAT I Engineering Analytical

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Sr	Questions 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	A. First B. Second
1	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.47. In case F is to present his paper immediately after D presents his paper, C could be scheduled for which of the following places in the order of presenters?	C. Third D. Fourth E. Fifth
2	Choose the best answer; that is the response that most accurately and completely answers the question. Our beliefs regarding the world cannot be certain. Even well confirmed scientific theory is likely to change over a short period if we do not try to understand then it is like to be away from the human race. Undoubtedly life is worth living in other respects as it is no mean thing to be an animal. It is also true that a man wishes to see this speculative domain beyond his next breakfast. From the above discussion it can be concluded that the author believes that	A. Men spend a lot of time on thinking about future B. Science is the major hurdle in development C. Life in contingent so a man should not think about his future. D. Man is a social animal E. Men are different from animals on the basis of their reasoning abilities
3	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
4	Choose the best answer; that is the response that most accurately and completely answers the question. The Rawalpindi city council started a publicity campaign for convincing the people to use public transport rather than their own transport in the city. After two months later there was a decrease in private transport on the roads in the mid city area, The city council claimed that their publicity campaign was successful to convince people to leave their cars at home and ride the city bus service to work. Which of the following if true create the most serious doubt on the conclusion drawn above?	A. There was a subsequent increase in the use of CNG. B. The busiest roads of the city have been damaged because if continual floods in Nala Layee for last five months. C. People are busy enough to bring their vehicles on the roads. D. City council expended a lot of money to make the campaign successful. E. The number of cars has increased due to Bank loaning in the city.
5	Choose the best answer; that is the response that most accurately and completely answers the question. Dieticians claim that treatment of those people who seek help to quit the habit of over eating. are unable to stop overeating. Therefore doctors have concluded that success in breaking such habit is rare. A large scale survey shows that thousands of people have quit the habit of over eating. If both of the statements above are correct an explanation that resolves their apparent contradiction is	A. Dieticians do not work seriously so the people are not satisfied with their treatment. B. The survey was conducted at only the posh areas of big cities. so it is based on wrong sample C. Will power play vital role in success to quite such habits D. People need more food. E. Those who succeed in quitting the over eating do not go dieticians for treatment and so are not included in the dieticians data
6	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.15. In case any of the nine individuals serves on committee C, which among the following could not be the candidate to serve on committee A?	A. R B. Y C. W D. T E. S
	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	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

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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.

Kay fever prior to the experiment.

C. The natural habitats of white cats does not contain any of the elements found in Salt X.

1. Which of the following statements would most seriously weaken the above D. The Tou white cats used in the experiment were kept isolated from discussion? each other. E. The scientists administered the injections being ignorant of the contents of the salt used. A. Every citizen of the Pakistan is resident either of one of the province Choose the best answer; that is the response that most accurately and completely answers or of on of the tribal area. the question. One's ability to adjust in environment successfully leads to happiness. Wat at a B. Rubina was born either in NWFP universal level destroys the weaker people who are the most unable to adjust to their or in Sindh. environment. Thus, war at the universal level puts weaklings out of their misery and allows 8 C. Some people born in NWFP are more space for their predators to enjoy life in a better manner. As those actions have to be citizen of Pakistan. performed which maximize the level of happiness of the greatest number war at a universal D. Every one born in Pakistan is a level should take place.6. If Rubina was born in NWFP, then she is a citizen of Pakistan. The citizen of Pakistan. statement above can be deduced from which of the following statements? E. Rubina is a citizen either of Pakistan or of any other country. A. Students evaluation of teachers is a wrong method. B. Students opinions against Choose the best answer; that is the response that most accurately and completely answers teachers are filtered during course the question Professor Taimoor told his class that teacher's evaluation by students is not a C. Professor Taimoor had received 9 valid measure of teaching quality. For this evaluation students should fill out questionnaires low rating from his students. at the end of the course. Which of the following is true supports professor Taimoor's D. Teachers are not interested in suggestion? any survey. E. Students show interest in teacher evaluation. Choose the best answer; that is the response that most accurately and completely answers the question. One's ability to adjust in environment successfully leads to happiness. Wat at a universal level destroys the weaker people who are the most unable to adjust to their A. I only environment. Thus, war at the universal level puts weaklings out of their misery and allows B. II only more space for their predators to enjoy life in a better manner. As those actions have to be 10 C. III only performed which maximize the level of happiness of the greatest number war at a universal D. I and III only level should take place.4. The author's discussion would br greatly weakened, if he agreed to E. I, II and III only 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. We are always trying to undermine orders endeavors. Choose the best answer; that is the response that most accurately and completely answers B. People always deceive one the question. Selfishness is a principal evil in our society. Every person is concerned with only another. himself, Personal advancement is the only motivating force in the world today. This does not C. Even close friends are not 11 mean that individuals are not willing to help one another, on the contrary, trustworthy. these are only short-term occurrences, which ultimately serve our long-term goal of personal D. People want power to control gain.18. To fill in the blank in the above passage select one of the options from the below others mentioned options: E. There are many occasions when we graciously offer our assistance. A. The reason of almost all forest fires is natural. B. Human beings try to extinguish the fire for gaining heat. Choose the best answer; that is the response that most accurately and completely answers C. Studies indicate that forest fires the question. Many people especially the experts in the field of forestry are against all forest regularly occurred in the times prior fires. They demand that all forest fires should be extinguished and let the forest die out by 12 to human occupation of forest areas. their own. The study of forest fires show that in the long run forest fires may in fact be D. The animal and plant life beneficial to the ecology as a whole. Among the following which statement would logically destroyed by forest fires seldom follow from one of the observations referred to in the passage above? represents endangered species. E. Occasionally the small fire prevents a large scale fire by the accumulation of flammable materials. A. One part Livana, one part Choose the answer you think is most appropriate among the given options. Two or more Novajana, five parts Piasl tealeaves out of five varieties-- Livana, Mathia, Novajana, Oxia, and Piask are used in B. Two parts Mathia, two parts making all branded blends by a marketer following the rules given below. A brand containing Novajana, two parts Piask Livana should also contain Novajana twice that of Livana. A brand containing Mathia must C. One part Mathia, one part also have equal quantity of Oxia. A single brand never contains Novajana as well as Oxia. Oxia 13 Novajana, one part Piask and Piask should not be used together. A blend containing Piask should contain it in such a D. Two parts Mathia, one part Novajana, four parts Piask proportion that the total amount of Piask present should be greater than the total amount of the other tealeaves8. Adding more amount of Novajana will make which of the following E. Two parts Novajana, one part brands conformable with the conditions? Oxia, three parts Piask 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 A. First present their papers in the morning session before the lunch break whereas the other three B. Second will be presented in the afternoon session. The lectures have to be scheduled in such a way 14 C. Third that they comply with the following restrictions:B's should present his paper immediately D. Fourth before C's presentation; their presentations cannot be separated by the lunch break.D must E. Sixth 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. 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, A. A ON, B ON, C ON. They are changed from setting to a required setting based on the following rules: In case only

B. A ON. B OFF. C ON.

15	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.33. In case only switch B is ON in the second setting, Which of the following could have been the default setting?	C. A OFF, B ON, C OFF. D. A OFF, B OFF, C ON. E. A OFF, B OFF, C OFF.
16	Choose the best answer; that is the response that most accurately and completely answers the question. In 1970, Shaheen Inn earned Rs, 10 million in hotel business. By 1990, revenue doubled and in 2000, it reached the sum of Rs. 40 millions Each of the following if true may explain the trend in hotel business except.	A. The number of total hotel rooms has increased. B. Average expenditure per room has increased. C. The number of customers has increased from 1970 to 1990. D. Average stay per customer has increased. E. The average price of customer services has increased.
17	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.24. In case javed showed symptoms of disease A. which of the following statements would be true?d. javed contracted the Disease A from Farooq.e. javed first noticed symptoms of Disease A on February 8.f. The fly that javed was bitten by was not a carrier of the bacteria A.	A. I only B. II only C. III only D. I and II only E. I and III only
18	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 nonsmoker 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
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) 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
20	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 tealeaves9. Among the following the addition of which combination would make a brand containing two parts Novajana and one part Piask conformable with the conditions?	A. One part Livana B. One part Mathia C. Two parts Novajana D. One part Oxia E. Two parts Piask