

NAT I Engineering Analytical

Sr	Questions	Answers Choice
1	Choose the answer you think is most appropriate among the given options. Three girls Joan, Rita, and Kim and two boys Tim and Steve are the only dancers in a dance program, which consists of six numbers in this order: One a duet; three a solo; four a duet; five a solo; and six a duet. None of the dancers is in two consecutive numbers or in more than two numbers, The first number in which Tim appears is the one that comes before the first number in which Kim appears. The second number in which Tim appears is one that comes after second number in which Kim appears.49. Rita must perform only in duets if	A. Kim is in number two B. Kim is in number five C. Tim is in number one D. Tim is in number two E. Tim is in number six
2	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:	A. We are always trying to 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.
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.48. In case F and E are the fifth and sixth presenters respectively then which of the following must be true?	A. A is first in the order of presenters. B. A is third in the order of presenters. C. A is fourth in the order of presenters. D. B is first in the order of presenters. E. C is fourth in the order of presenters.
4	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.25. In case Farooq displayed symptoms of disease A. which among the following would be true?g. javed contracted the Disease A from Farooq.h. javed first noticed symptoms of Disease A on February 8.i. The fly that javed was bitten by was not a carrier of the bacteria A.	A. I only B. Il only C. III only D. II and III only E. I, II and III
5	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.2. How many of them occupy cottages next to a vacant cottage?	A. 2 B. 3 C. 4 D. 5 E. 6
6	Choose the best answer; that is the response that most accurately and completely answers the question. Everything that a person does which is dictated because of ignorance is not voluntary. Involuntary actions are those which produce pain and repentance, in case a man has done something in his ignorance and he does not feel vexed due to his action, he has not acted voluntarily as he was not aware of what he was doing nor yet involuntarily since he is not pained. After reading this passage we can arrive at the conclusion that:	A. A person is not a voluntary agent, if he acts by reason of ignorance and repents. B. If an action is done by reason of ignorance and is not voluntary then it was repented. C. A man is an involuntary agent if he acts by reason of ignorance. D. Some actions are either involuntary or not voluntary. E. If a man is not a voluntary agent he acted because of ignorance and repents.
	Choose the best answer: that is the response that most accurately and completely answers	A. The general public has an interest in the free exchange of different political views. B. Every person who uses wall

Choose the best answer; that is the response that most accurately and completely answers the question. 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 X3. Wall chalking on public property should be outlawed. Radicals and fanatics have no right to use public property when promoting their unsavory views. The argument above is based on the idea.

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B. Every person who uses wall chalking for the promotion of ideas is a radical or fanatic,
C. Radicals and fanatics prefer the

use of public property while propagating their viewpoint.

D. Legal constraints should be equal for all

		Any promotional activity which is against public interest should be protected by law
8	Choose the best answer; that is the response that most accurately and completely answers the question. Many people do not read the books they purchase For example seventeen percent of college students in Pakistan have text books but only forty-five percent of them read more than once a year, and only seventeen percent read more than once a week which of the following if true casts doubt on the claim that most people read the books they purchase?	A. Regular book readers are most susceptible to eye diseases. B. Reader often exaggerate about their book reading. C. Many people buy books to pretend themselves as a scholar D. The sale of novels is more than that of other types. E. Reading speed is increased by frequent readings.
9	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. 5. The three employees who are smokers should be seated in the offices.	A. A,B and D B. B,C and F C. A,B and E D. A.B and C E. A,B and F
10	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 tealeaves 7. Among the following which is an acceptable brand in accordance with the rules?	A. One part Livana, one part Piask B. Two parts Mathia, two parts Livana C. Three parts Novajana, three parts Livana D. Four parts Oxia, four parts Mathia E. Flve parts Piask, five parts Mathia
11	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.30. In case only switch B is ON in the default setting.what must be the second setting?	A. A ON, B ON, C ON. B. A ON, B ON, C OFF. C. A ON, B OFF, C ON, D. A OFF, B OFF, C ON. E. A OFF, B OFF, C OFF.
12	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.41. In case exactly one film is shown between A and C. and exactly one film is shown between B and D. which among the following will hold true?	A. B is the film shown between A and C. B. C is the film shown between B and D. C. E is the film shown between A and C. D. D is the last film shown. E. E is the first film shown.
13	Choose the best answer; that is the response that most accurately and completely answers the question.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.2. Which of the following would most strengthen the argument above?	A. Some of the elements in Salt X are extracted from the root of a certain poisonous herb of Hunza. B. The blood test of the victims of Kay fever revealed the presence of a toxic element in their blood, normally found in salt X. C. Almost all the white cats died within two days after the first symptom appeared. D. Normally the rate of Kay fever among white cats is less than 0.01%. E. Within two weeks about 40 % of the white cats who were injected with placebo also contracted Kay fever.
14	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.
15	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	A. I only B. II only C. III only D. I and II only E. II and III only

□. Any promotional activity which is

A. There are no future contingent things. B. It is not true that the king has Choose the best answer; that is the response that most accurately and completely answers knowledge of only necessary things. the question. Everything that the king knows necessarily is because even what we ourselves C. The king has knowledge of no 16 know necessarily is; and of course our knowledge is not as certain as Kings knowledge is contingent future things. However no future contingent thing necessarily is Among the following statements which D. It is not possible for us to know naturally follows from the above: the king. E. The king has knowledge of everything. 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 A. A spoke sometime before L quarters. The captains were Luqman, Manzoor, Nauman and Osaf: the first mates were B. D spoke sometime Before O. Ayesha, Durya and Gia. Each person in turn delivered a report to the chairperson as 17 C. L spoke sometime Before O. follows: Each of the first mates delivered their report exactly after her captain. The first D. O spoke sometime Before L. captain to speak was Manzoor, and captain Nauman spoke after him (Represent the person E. O spoke sometime Before N. with first letter of his name)19. In case A is the third of the first mates to speak, and L is the captain whose first mate is not present, which among the following statements must be true? Choose the best answer; that is the response that most accurately and completely answers A. A Guide to Wild life in Pakistan the question. Follow is to the real Pakistan leaving behind the disturbances of civilization. B. Exploring the great Outdoors 18 Real Pakistan is still inhabited by the eagle, the cow, the black deer, and tigers; it is still C. The Quiet Beauty of Harppa spacious, sprawling, and majestic. Experience the freedom and serenity still to be found in How the Eagle B ,8. The above paragraph is most likely to appear in which of the following? E. Returning of Pakistan. 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 Choose the best answer; that is the response that most accurately and completely answers one only when the other one the question. Drama Producers earn their profits primarily from advertising revenue, and becomes the most popular instead. potential advertises are more likely to advertise in TV with a wide network, a large number of C. The number of channels cable operators and other views than with other channels However the coverage of the competing viably with the most 19 profitable channel in the city has 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 increased during the last two years following if true would help explain the apparent discrepancy between the two statements D. The network of the most profitable above EXCEPT: 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. A. D is M's first mate; G is N's first Choose the answer you think is most appropriate among the given options. Four captains mate; A is O's first mate. and the first mates of three of them were called to attend the annual meeting at head B. D is M's first mate; G is first mate; quarters. The captains were Luqman, Manzoor, Nauman and Osaf: the first mates were A was the second to speak after L. Ayesha, Durya and Gia. Each person in turn delivered a report to the chairperson as C. The order of the first four 20 follows: Each of the first mates delivered their report exactly after her captain. The first speakers was M, D, N, G captain to speak was Manzoor, and captain Nauman spoke after him. (Represent the person D. The order of the last three with first letter of his name)23. Among the following statements, which would make M. D. N. speakers was L, O, A G, L, O, A the only possible sequence of speakers? E. The order in which the captains spoke was M, N, L, O.