

NAT I Engineering Analytical

Sr	Questions	Answers Choice
1	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.39. In case D and E are shown as far apart from each other as possible which among the following would be true?	<p>A. A is shown earlier than B B. B is shown earlier than C C. C is shown earlier than E D. D is shown earlier than A E. E is shown earlier than B</p>
2	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?	<p>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.</p>
3	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?	<p>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.</p>
4	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.16. In case T, S and X are the only individuals serving on committee B, the total membership of committee C should be:	<p>A. Z and Y B. Z and W C. Y and V D. Y and U E. X and V</p>
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.48. In case F and E are the fifth and sixth presenters respectively then which of the following must be true?	<p>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.</p>
6	Choose the best answer; that is the response that most accurately and completely answers the question. About 20 percent of Pakistani husband think that wives with school going children to work outside the home. Only 10 percent of Iranian husband approves of mothers working if school going children live at home. Every day Pakistani wife and every third Iranian wife with school going children has a job outside her home. If above statement is correct, which of the following must be true?	<p>A. Iranian women have fewer children than Pakistani women. B. Iranian husband would seem to be less satisfied about working wives who have school going children than Pakistani husbands. C. More Iranian than Pakistani wives work outside the home. D. Iranian husband is having more conservative attitudes than Pakistani husbands are. E. Employment opportunities for Pakistani wives are greater than for Iranian wives.</p>
7	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?	<p>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.</p>

8	<p>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 _____.</p> <p>7. Choose the best option to complete the above statement:</p>	<p>A. The natural beauty of our land. B. The fascinating urban centers C. The wild terrain NWFP D. One's own subconscious E. The great sprawling cities of the upper Pakistan</p>
9	<p>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.</p> <p>32. In case switch A is OFF in the second setting. Which of the following could have been the default setting?</p>	<p>A. A ON, B ON, C ON. B. A ON, B ON, C OFF. C. A ON, B OFF, C ON. D. A ON, B OFF, C OFF. E. A OFF, B ON, C OFF.</p>
10	<p>Choose the best answer; that is the response that most accurately and completely answers the question. Everything that the king knows necessarily is because even what we ourselves know necessarily is; and of course our knowledge is not as certain as Kings knowledge is. However no future contingent thing necessarily is. Among the following statements which naturally follows from the above:</p>	<p>A. There are no future contingent things. B. It is not true that the king has knowledge of only necessary things. C. The king has knowledge of no contingent future things. D. It is not possible for us to know the king. E. The king has knowledge of everything.</p>
11	<p>Choose the best answer; that is the response that most accurately and completely answers the question. Professor Taimoor told his class that teacher's evaluation by students is not a valid measure of teaching quality. For this evaluation students should fill out questionnaires at the end of the course. Which of the following is true supports professor Taimoor's suggestion?</p>	<p>A. Students evaluation of teachers is a wrong method. B. Students opinions against teachers are filtered during course. C. Professor Taimoor had received low rating from his students. D. Teachers are not interested in any survey. E. Students show interest in teacher evaluation.</p>
12	<p>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.</p> <p>i. Ayesha, Tahir, and Javed do not want to stay 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.</p> <p>2. How many of them occupy cottages next to a vacant cottage?</p>	<p>A. 2 B. 3 C. 4 D. 5 E. 6</p>
13	<p>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.</p> <p>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?</p>	<p>A. First B. Second C. Third D. Fourth E. Fifth</p>
14	<p>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. War at a universal level 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.</p> <p>5. What response would the author of the above discussion come up with in the case of the objection that the weaklings far exceed strong people? I. He would respond with the statement that the person making the objection is a weakling. II. He would respond by saying that weaklings will be miserable no matter what happiness. III. He would respond with the statement that the strong would be frustrated if the weaklings are destroyed.</p>	<p>A. I only B. II only C. III only D. I and II only E. II and III only</p>
15	<p>Choose the best answer; that is the response that most accurately and completely answers the question. Classical music occupies a unique and peculiar position in every culture. They are imperishable as cultural landmarks but the emotions expressed in some of the folks are often superseded by newer tunes. However the classics survive just as heritage as imposing feature of the society yet unsuited for habitation unless remodeled. The principal point put forth in the above passage is that classical works.</p>	<p>A. Ignored by young generation B. Is an obstacle in the development in new tunes C. Should be stored in museums. D. Lose their distinctive features as time passes. E. Need our respect and admiration even if their tunes and ideas they express are no longer current.</p>
16	<p>Choose the best answer; that is the response that most accurately and completely answers the question. If I am elected, I will fight for changes effecting the growth and prosperity of the poor. We will work together to do away with the bureaucratic bogs which have existed ever since my opponent took office. Every one of you knows what I stand for; I invite my opponent to.....</p>	<p>A. Extend his support to me B. Make his mind clear C. Stop lying to the public D. Hand in his resignation graciously E. Get our city more federal aid</p>

Choose the answer you think is most appropriate among the given options. New specie of

17	<p>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.</p>	<p>A. I only B. II only C. III only D. II and III only E. I, II and III</p>
18	<p>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?</p>	<p>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 Key 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 Key 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 Key fever.</p>
19	<p>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:</p>	<p>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.</p>
20	<p>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) 20. Among the following statements which statement must be true?</p>	<p>A. In case the second speaker was a captain, the seventh speaker was a first mate. B. In case the second speaker was a first mate, the seventh speaker was captain. C. In case the third speaker was a first mate, the seventh speaker was captain. D. In case the third speaker was a captain, the seventh speaker was a first mate. E. In case the seventh speaker was a first mate, the first and third speakers were captains.</p>