

## NAT I General Science Analytical

Sr	Questions	Answers Choice
1	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 Harappa D. How the Eagle Became Extinct E. Returning of Pakistan.
2	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. 33. In case only switch B is ON in the second setting, Which of the following could have been the default setting?	A. A ON, B ON, C ON. B. A ON, B OFF, C ON. C. A OFF, B ON, C OFF. D. A OFF, B OFF, C ON. E. A OFF, B OFF, C OFF.
3	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. 43. In case L is the second stop, which among the following must be the stop immediately before M?	A. N B. L C. P D. O E. Q
4	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.
5	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
6	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 is 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
7	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
8	Choose the answer you think is most appropriate among the given options. Multan Institute of Higher Studies plan 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 be shown earlier than C. B must be 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?	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
9	Choose the best answer; that is the response that most accurately and completely answers the question. Some cities are of the opinion that the intrinsic qualities of photography depend on criticism and hence it is a matter of opinion. It is rather odd, though that in a legal connections serious critics themselves quite often behave as if they believed criticism to be a matter of opinion. Why be a critic and teach in universities in case criticism involves nothing but uttering capricious and arbitrary opinions? In the above argument the author is trying to	A. The qualities of photography are not dependent on criticism. B. Critics seem hypocritical. C. People can not judge the art work D. Photography is an art independent of your opinion. E. A critic should not teach in universities

convince that

E. Artists should teach at universities.

- 10 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 switches 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.

- 11 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. 19. Which among the following options would most strongly contradict the author's attitude towards society?

A. The greatest strength of society is altruism.  
B. We must all learn the art of love.  
C. Our short-term actions may contradict our long-term goals  
D. Morality is the bedrock of a growing community.  
E. The forces of good will ultimately triumph over evil.

- 12 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.3. 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.

A. The general public has an interest in the free exchange of different political views.  
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  
E. Any promotional activity which is against public interest should be protected by law

- 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. 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.6. If Rubina was born in NWFP, then she is a citizen of Pakistan. The statement above can be deduced from which of the following statements?

A. Every citizen of the Pakistan is resident either of one of the province or of one of the tribal area.  
B. Rubina was born either in NWFP or in Sindh.  
C. Some people born in NWFP are citizen of Pakistan.  
D. Every one born in Pakistan is a citizen of Pakistan.  
E. Rubina is a citizen either of Pakistan or of any other country.

- 15 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. Five parts Piask, five parts Mathia

- 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.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

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. Committee A should consist of exactly one member more than that of

A. 3  
B. 4

17	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. 12. In case T and Z are the individuals serving on committee B, how many of the nine individuals should serve on committee C?	C. 5 D. 6 E. 7
18	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.
19	Choose the answer you think is most appropriate among the given options. Multan Institute of Higher Studies plans 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 be shown earlier than C. B must be shown earlier than D. E should be the fifth film shown. 35. In case C is shown earlier than E Which among the following will hold true?	A. A is the second film shown. B. B is the second film shown. C. C is the third film shown. D. D is the fourth film shown. E. E is the fourth film shown.
20	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