NAT II Management Science Analytical

Sr	Questions	Answers Choice
1	Follow us 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 ----------.Q: 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 dose not feel vexed due to his action, he has not acted voluntarily as he was not aware of what he was doing, not yet involuntarily since he is not pained. After reading his 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 bot 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 voluntary agent, he acted because of ignorance and repents.
2	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. Q: 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?	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.
3	Four captains and the first mates of three of them were called to attend the annual meeting at head quarter. 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) Q: 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
4	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. Q: 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
5	Two or more tealeaves out of five varieties – Livana, Mathia, Novajana, Oxia, and Piask are used in making all branded by a marketer following the rues given below. A brand containing Livana, should also contain Novajana twice that of Livana. A brancd 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 Q: Among the following, the addition of which combination would make a brand	A. One part Livana B. One part Mathia C. Two parts Novajana D. One part Oxia E. Two parts Piask

Q: Among the following, the addition of which combination would make a brand containing two parts Novajana and one part Piask conformable with the conditions?

6

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.

Q: Muzzaffar is terrible driver. He had ten traffic violations in the past year. Which of the following can be said about the above claim?`

A. Muzzaffar does not know how to drive
B. Muzzaffar is an addict of drugs
C. It is obvious that everyone has accidents in bad weather.
D. Some thing, in this argument is hidden.
E. The given statement is wrong.

7

Six candidates …. Ali, Amin, Omer, Hamza, Saleem and Osama are being interviewed for a job. The interview will take place over four consecutive days, starting on Thursday, Each candidate will have only one interview. The day on which the different candidates will interview must confirm to the following conditions:

(i) At least one interview will take place each day

(ii) No more than two interviews will take place on any day

(iii) No more than three interviews will take place on any two consecutive days

(iv) Ali's interview must take place on Saturday.

(v) Amin's interview must place on the same with another interview.

(vi) Saleem's interview must take place on the day before Osama's interview

(vii) Omer's interview must take place on a day after Hamza's interview.

Q: If only one interview takes place on Thursday which candidate could have that interview?

A. Ali
B. Amin
C. Omer
D. Saleem
E. Osama

8

Follow us 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 ----------.

Q: The above paragraph is most likely to appear in which of the following?

A. A Guide to Pakistan's intinsic beauty
B. Exploring the Great Outdoors
C. The Quiet Beauty of Harappa
D. how the Eagle Became Extinct
E. Returning to Pakistan

9

A railway track from Lahore to Islamabad consists of six main stations, P, Q, R, X, Y, and Z. Trains run only according to the following condition:

(i) Frm P to Q

(ii) From Q to P and from Q to R

(iii) From R to X

(iv) From X to Q and from X to Y

(v) From Z to P, from Z to Y and from Z to R

(vi) From Y to X

(vii) It is possible to transfer a station for another train.

Q. The complete and accurate listing of the stations from which it is possible to reach R with exactly one transfer is :

A. P and Q
B. P and X
C. X and Y
D. X and Z
E. X, P and Z

10

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 paper in the morning session before the lunch break whereas the other three will present in the afternoon session. The lectures have to be scheduled in such a way that they comply with the following restrictions:

B 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.

Q: In case E is to present his paper immediately after D presents his paper, C could

A. First
B. Second
C. Third
D. Fourth
E. Fifth

be scheduled for which of the following places in the order of presenters?

11	Four captains and the first mates of three of them were called to attend the annual meeting at head quarter. 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) Q: In case A spoke immediately after L and immediately before O, and O was not the last speaker, L spoke	A. Second B. Third C. Fourth D. Fifth E. Sixth
12	A group of dog lovers declare that the principal virtue of the dog is its general friendliness towards all people. But, another group of cat lovers declare that the principal virtue of the cat is its peculiar friendliness towards its provider. Which of the following is true of the claims of both dogs and cats lovers?	A. Animal have not a sense to understand human behaviour B. Groups of animal lovers are friendly C. Friendliness is a virtue D. They apply the same standard E. Uncommon virtue of friendliness
13	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 paper in the morning session before the lunch break whereas the other three will present in the afternoon session. The lectures have to be scheduled in such a way that they comply with the following restrictions: B 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. Q: B could be placed at any of the following places in the order of presenters EXCEPT	A. First B. Second C. Third D. Fourth E. Fifth
14	Follow us 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 ----------. Q: Choose the best option to complete the above statement:	A. The natural beauty of our land B. The fascinating urban centers C. The wild terrain of NWFP D. One's own subconscious E. The great sprawling cities of the upper Pakistan
15	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 committee. It is possible that there are no members of committee 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. Q: 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
16	In a factory control room, there are three ON-OFF switches on the central control panel, labeled A, B and C. They are changed from default 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 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 and turn OFF all switches, if any, that are ON. Q: In case, all three switches are ON in the second setting, which among the following could have been the default setting?	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.

17	In an in vitro study, 160 white cars were injected with Salt X. 160 other white cats injected with placebo. In two weeks, 39% of the white cats, who were injected with Salt X showed symptoms of Kay fever. Hence, it can be concluded that Kay fever is caused by some elements similar to the elements in Salt X. Q: 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.
18	Two or more tealeaves out of five varieties – Livana, Mathia, Novajana, Oxia, and Piask are used in making all branded by a marketer following the rues given below. A brand containing Livana, should also contain Novajana twice that of Livana. A brancd 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 Q: Adding more amount of Novajana will make which of the following brands conformable with the conditions?	A. One part Livana, one part Novajana, five parts Piask B. Two parts Mathia, two parts Novajana, two parts Piask C. One part Mathia, one part Novajana, one part Piask D. Two parts Mathia, one part Novajana, four parts Piask E. Two parts Novajana, one part Oxia, three parts Piask
19	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. Q: In case B, D and E are to be shown one after the other in the given order, the position from first to fifth in which A could possibly be shown is	A. Second. B. First C. Third D. Fifth E. Fourth
20	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. Q: 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