NAT II Management Science Analytical

Sr	Questions	Answers Choice
1	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: Classical songs occupy 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 They are imperishable as cultural landmarks, but the emotions expressed in some of the folks are often superseded by newer tunes.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 features of the society, yet unsuited for habitation unless remodeled. The principle point put forth in the above passage is that classical works	A. Are ignored by young generation B. Are 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 E. Need our respect and admiration even if their tunes and ideas they express are no longer current.
2	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: Among the following statements, which would make M, D, N, G, L, O, A the only possible sequence of speakers?	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 N's 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.
3	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; two a duet; three a solo; four a duet; five a solo; and six a duet. None of the dances 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 the second number in which Kim appears. Q: 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
4	An observatory is setting up a schedule for school children to view a returning comet. Five school classes K, L, N, O, and P-will each view the comet exactly once during the four nights. Monday through Thursday, of its maximum brightness. Excellent viewing conditions 'are predicated for all four nights. The scheduling is subject to the following constraints: At most two classes can view the comet on any given night. Class K cannot view the comet on the same night that Class N does. Class L must view the comet on a night prior to the night when Class P views the comet. Class O must view the comet on the same night that Class P does. Q: If Class O can view the comet neither on Wednesday nor on Thursday, which of the following must be true?	A. Class K view s the comet on Monday. B. Class L views the comet on Monday. C. Class L views the comet on Tuesday. D. Class N views the comet on Wednesday. E. Class views the comet on Thursday.
	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:	

setting based on the following rules.

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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.

6

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

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Q: About 20 percent of Pakistani husband think that wives with school going children should work outside the home. Only 10 percent of Iranian husband approves of mothers working if school going children live at home. Every other Pakistani wife and every third Iranian wife with school going children has a job outside her home. If the above statement is correct, which of the following must be true?

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 hiving more conservative attitudes than Pakistani husbands.
E. Employment opportunities for Pakistani wives are greater than Iranian wives.

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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: Which among the following is the pair of films that CANNOT be shown right before E?

A. A and B
B. A and D
C. B and C
D. B and D
E. C and D

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Q: 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

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Q: The Rawalpindi city council started a publicity campaign for convincing the people to use public transport rather than their own transport in the city. 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 of continual floods in Nala Layee for las t 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.

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A. Dieticians do not work seriously so the people are not satisfied with their treatment
B. The survey was conducted at only

11	spacious, sprawling, and majestic. Experience the freedom and serenity still to be found in --------------. Dieticians claim that 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.	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 quit such habits D. People need more food. E. Those who succeeded in quitting the over eating did not go to dieticians for treatment and so are not included in the dieticians' data
12	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 C is to be the fifth scientist to present his paper, then B must be	A. First B. Second C. Third D. Fourth E. Fifth
13	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 allotted 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 non-smoker neighbors. Unless specifically stated all the employees maintain an atmosphere of silence during office hours. Q: The idea office for Mr. Mujahid would be.	A. B B. F C. A D. C E. D
14	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, 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.
15	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: There is clear evidence that the mandated vaccination of children under age four has resulted in fewer child fatalities over the past fice years. Compared to the five-year period prior to the passage of laws requiring the vaccination, fatalities of children under age four have decreased by 30 percent. Which one of the following, if true, most substantially strengthens the argument above?	A. The fatality rate for other age groups has remained steady over the past five years. B. Air pollution has been increased over the period of past five years. C. Government has implemented a malaria control campaign last year D. Health conditions in the country are better than has been previously. E. Death rate of pregnant women has decreased.
16	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 below mentioned brands, which can be made agreeable by eliminating some or all of one type of tealeaves?	A. One part Livana, one part Mathia, one part Novajana, four parts Piask B. One part Livana, two parts Novajana, one part Oxia, four parts Piask C. One part Livana, one part Mathia, one part Oxia, one part Piask D. Two parts Livana, two parts Novajana, one part Oxia, two parts Piask E. Two parts Mathia, one part Novajana, two parts Oxia, three parts Piask

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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

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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 allotted 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 non-smoker neighbors.

Unless specifically stated all the employees maintain an atmosphere of silence during office hours.

Q: The idea candidate to occupy the office farthest from Mr. Zahid would be.

A. Mrs. Fauzia
B. Mr. Mujahid
C. Mr. Shahid
D. Mr. Abid
E. Mrs. Ruby

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An observatory is setting up a schedule for school children to view a returning comet. Five school classes K, L, N, O, and P-will each view the comet exactly once during the four nights. Monday through Thursday, of its maximum brightness. Excellent viewing conditions 'are predicated for all four nights. The scheduling is subject to the following constraints:

At most two classes can view the comet on any given night.

Class K cannot view the comet on the same night that Class N does.

Class L must view the comet on a night prior to the night when Class P views the comet.

Class O must view the comet on the same night that Class P does.

Q: If Class N Views the comet on Thursday, which of the following could be true?

A. Class P views the comet on Tuesday.
B. Class O views the comet on Thursday.
C. Class L views the comet on Tuesday.
D. Class L views the comet on Wednesday.
E. Class K views the comet on Thursday.

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One's ability to adjust in an 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 weakling 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.

Q: If Rubina was born in KPK, then she is a citizen of Pakistan, The statement above can be deduced from which of the following statement?

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 KPK or in Sindh.
C. Some people born in KPK are citizens of Pakistan.
D. Everyone born in Pakistan is a citizen of Pakistan.
E. Rubina is citizen either of Pakistan or of any other country.