

NAT II Management Science Analytical

Sr	Questions	Answers Choice
1	<p>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:</p> <p>A must be shown earlier than C.</p> <p>B must be shown earlier than D.</p> <p>E should be the fifth film shown.</p> <p>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</p>	<p>A. Second.</p> <p>B. First</p> <p>C. Third</p> <p>D. Fifth</p> <p>E. Fourth</p>
2	<p>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:</p> <p>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.</p> <p>(Represent the person with first letter of his name)</p> <p>Q: In case A spoke immediately after L and immediately before O, and O was not the last speaker, L spoke</p>	<p>A. Second</p> <p>B. Third</p> <p>C. Fourth</p> <p>D. Fifth</p> <p>E. Sixth</p>
3	<p>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:</p>	<p>A. A person is not a voluntary agent, if he acts by reason of ignorance and repents.</p> <p>B. If an action is done by reason of ignorance and is bot voluntary, then it was repented.</p> <p>C. a man is an involuntary agent, if he acts by reason of ignorance.</p> <p>D. Some actions are either involuntary or not voluntary.</p> <p>E. If a man is not voluntary agent, he acted because of ignorance and repents.</p>
4	<p>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 -----</p> <p>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?</p>	<p>A. There was a subsequent increase in the use of CNG.</p> <p>B. The busiest roads of the city have been damaged because of continual floods in Nala Layee for las t five months.</p> <p>C. People are busy enough to bring their vehicles on the roads.</p> <p>D. City council expended a lot of money to make the campaign successful.</p> <p>E. The number of cars has increased due to Bank loaning in the city.</p>
5	<p>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.</p> <p>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?'</p>	<p>A. Muzzaffar does not know how to drive</p> <p>B. Muzzaffar is an addict of drugs</p> <p>C. It is obvious that everyone has accidents in bad weather.</p> <p>D. Some thing, in this argument is hidden.</p> <p>E. The given statement is wrong.</p>

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6 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 L speaks after A, and A is the third of the first mates to speak, then among the following statements which would be urtrue?

- A. O spoke immediately after G
- B. The order of the first four speakers was M, G, N, D
- C. O's first mate was present
- D. A was the fourth speaker after M
- E. The captains spoke in the order M, N, O, L

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.

7 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

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 -----.

8 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

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.

9 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, 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.

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.

10 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

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- E to a group of students. The film shows are planned in an order, which conforms to the following conditions:
- 11 A must be shown earlier than C.
B must be shown earlier than D.
E should be the fifth film shown.
Q: 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. A 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.
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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.
- 12 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
-
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- 13 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 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
-
- 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 -----.
- 14 Q: In 1970, Shaheen Inn earned Rs. 10 million in hotel business. By 1990, revenue doubled and in 2000, it reached the sum of Rs. 40 million. Each of the following, if true, may explain the trend in hotel business except:
- A. The number of total hotel rooms has increased.
B. Average cost per room has increased.
C. The number of customers has increased from 1970 to 1990.
D. Average stay per customer has increased.
E. The average price of customer services has increased.
-
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- 15 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.
- A. Dieticians do not work seriously so the people are not satisfied with their treatment
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
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- 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 -----.
- 16 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
- 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.

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?

E. Employment opportunities for Pakistani wives are greater than Iranian wives.

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17

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

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.

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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

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.

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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

In an in vitro study, 160 white cats 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.

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Q: 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.