

NAT II Management Science Analytical

Sr	Questions	Answers Choice
1	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 N is the fourth stop, which among the following must be the stop immediately before P?	A. O B. Q C. N D. L E. M
2	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: of the nine individuals, the largest number that can serve together on committee C is	A. 9 B. 8 C. 7 D. 6 E. 5
3	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: 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.
4	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,	A. Fauzia has fewer marks than Shugufta. B. Rizwana has more marks than Shugufta C. Fauzia has fewer marks than Zahid. D. Zahid has more marks than Rizwana. E. Zahid has more marks than Abid.
5	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.	A. A ON, B ON, C OFF. B. A ON, B OFF, C ON. C. A OFF, B ON, C ON. D. A OFF, B ON, C OFF. E. A OFF, B OFF, C OFF.

Q: Which of the following default settings leads to a second setting, where only one

switch is OFF?

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: A. M, A, N, G, O, L, D B. M, D, N, G,L,O, A Each of the first mates delivered their report exactly after her captain. The first C. M, N, A,L, D, O,G captain to speak was Manzoor, and captain Nauman spoke after him. D. M, N, A, O, D, L, G E. M, N, G, D, O, L, A (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. Animal have not a sense to A group of dog lovers declare that the principal virtue of the dog is its general friendliness understand human behaviour towards all people. But, another group of cat lovers declare that the principal virtue of the B. Groups of animal lovers are cat is its peculiar friendliness towards its provider. friendly Which of the following is true of the claims of both dogs and cats lovers? riendliness is a virtue D. They apply the same standard E. Uncommon virtue of friendliness A chemist is preparing a nutriment using eight different vitamins and mineralsA, B, C, D, E, H, F(Ferric), and Z(Zinc). According to the recipes, the following requirements apply to the use of ingredients: (i) If B is used, both C and Z must also be used (ii) E and H must always be used together (iii) If C is used, at least two of A, B and F must also be used C. H D. F (iv) C and H cannot be used together (v) E, F and Z cannot all be used in a same nutrient (vi) A, D, and Z cannot all be used in the same nutriment Q: Which of the following cannot be included in a nutriment that contains E? A. The taxpayers pay for prenatal Selfishness is a principal evil in our society. Every person is concerned with only care of all immigrants. B. Pregnant women who do not himself. Personal advancement is the only motivating force in the world today. This receive prenatal care are more likely does not mean that individuals are not willing to help one another, on the contrary, ---to experience health problems than -----. However, these are only short-term occurrences, which ultimately serve our other pregnant women long-term goal of personal gain. C. Benefits for prenatal care serve to promote undocumented immigration. D. Babies whose mothers did not Q: As any ecomist knows, healthy people pose less of an economic burden to receives prenatal care are just as society than unhealthy people. Not surprisingly, then, every rupee our government healthy as other babies. spends on prenatal care for undocumented immigrants will save taxpayers of this E. Babies born in this state to country three rupees. Which of the following, if true, would best explain why the undocumented immigrant parents are statistics cited above are not surprising? entitled to infant care benefits from aovernment.

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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

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.

A. A B. B

C. C

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8

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B must be shown earlier than D. D. D F. F E should be the fifth film shown. Q: In case, D is to be shown earlier than A, then for which of the following these exactly one position from through fifth in which it can be scheduled to be shown? 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 A. First restrictions: B. Second 12 C. Third B should present his paper immediately before C's presentation; their presentations D. Fourth cannot be separated by the lunch break. D must be either the first or the last scientist to present his paper. Q: 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? 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. Livana and Mathia B. Livana and Novajana A single brand never contains Novajana as well as Oxia. 13 C. Livana and Piask D. Mathia and Oxia Oxia and Piask should not be used together. E. Piask and Novajana 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, which combination cannot be used together in an agreeable brand containing two or more types of tealeaves? 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. A. Y and T Committee A should consist of exactly one member more than that of committee. B. X and U C. Y, X and W 14 It is possible that there are no members of committee C. Among Z, Y and X none can D. W, V and U E. Z, X, U and R 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. People should not be held Selfishness is a principal evil in our society. Every person is concerned with only accountable for the behavior of other himself. Personal advancement is the only motivating force in the world today. This people. does not mean that individuals are not willing to help one another, on the contrary, -B. People have control over their own --. However, these are only short-term occurrences, which ultimately serve our behavior. long-term goal of personal gain. 15 C. People cannot control the behavior of other people. Q: People should be held accountable for their own behavior, and if holding people D. Behavior that cannot be controlled accountable for their own behavior entails capital punishment, then so be it. However, should not be punished. F. People have control over behavior no person should be held accountable for behavior over which he or she had no that is subject to capital punishment. control. Which of the following is the most logical conclusion of the argument above?

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.

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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

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. 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?

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
- E. The given statement is wrong.

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: 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

At IOWA University, Students of Economics must complete a total to twelve courses selected from three different parts of the syllabus Comparative economics, environmental economics, and regional economics... in order to graduate, the students must meet the following course distribution requirements:

(i) At least six of the required twelve course must be from the environmental economics.

A. 1

C. 5

(ii) At least five of the required twelve courses must be from comparative economics and regional economics, with at least one, but no more than three, selected from comparative economics.

Q: The minimum number of regional economics courses required to fulfil the course distribution requirements is

B. 3

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 -

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 guit 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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