

NAT II Biological Science Analytical

Sr	Questions	Answers Choice
1	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
2	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. People should not be held accountable for the behavior of other people. B. People have control over their own behavior. C. People cannot control the behavior of other people. D. Behavior that cannot be controlled should not be punished. E. People have control over behavior that is subject to capital punishment.
3	Three men (Tahir, Pervaiz and Javed) and three women (Elena, Ayesha and Kiran) are spending a few months at Abbottabad. They are to stay in a row of nine cottages, each on living in his or her own cottage. There are no others staying in the same row of cottages. 1. Ayesha, Tahir and Javed do not want to stay in any cottage, which is at the end of the row. 2. Elena and Ayesha ar unwilling to stay besides my occupied cottage. 3. Kiran is next to Pervaiz and Javed. 4. Between Ayesha and Javed's cottage there is just one vacant house. 5. None of the girls occupies adjacent cottages. 6. The house occupied by Tahir is next to an end cottage. Q: Which among these statement(s) are true? a. Ayesha is between Elena and Javed. b. At the most four persons can have ocupied cottages on either side of them. c. Tahir stays besides Pervaiz	A. I only B. II only C. I and III only D. II and III only E. I, II and III
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. We are always trying to undermine other endeavors. B. People always deceive one anther. C. Even close friends are not trustworthy. D. People want power to control others

Q: To fill the blank in the above passage, select one of the options from the below

mentioned options:

others
E. There are many occasions when we graciously offer our assistance.

Selfishness is a principal evil in our society. Every person is concerned with only A. The greatest of society is altruism. himself. Personal advancement is the only motivating force in the world today. This B. We must all learn the art of love. does not mean that individuals are not willing to help one another, on the contrary, -C. Our short-term actions may ---. However, these are only short-term occurrences, which ultimately serve our contradict our long-term goals. 5 D. Morality is the bedrock of a long-term goal of personal gain. growing community. E. The forces of good will ultimately Q: Which among the following options would most strongly contradict the author;s triumph over evil. attitiude towards society? 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 6 D. W, V and U It is possible that there are no members of committee C. Among Z, Y and X none can 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? 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. A is the second film shown. B. B is the second film shown. A must be shown earlier than C. 7 C. C is the third film shown. D. D is the fourth film shown. B must be shown earlier than D. F. F is the fourth film shown. E should be the fifth film shown. Q: In case, C is shown earlier than E, which among the following will hold true? 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. B. L C. P 8 P is the third stop. M is the sixth stop. The stop O is the stop immediately before Q. N D. O is the stop immediately before L. E. Q Q: In case L is the second stop, which among the following must be the stop immediately before M? A. Every citizen of the Pakistan is One's ability to adjust in an environment successfully leads to happiness. War at a resident either of one of the province universal level destroys the weaker people, who are the most unable to adjust to their or of one of the tribal area. environment. Thus, war at the universal level puts weakling out of their misery and B. Rubina was born either in KPK or allows more space for their predators to enjoy life in a better manner. As those in Sindh. 9 C. Some people born in KPK are actions have to be performed, which maximize the level of happiness of the greatest citizens of Pakistan. number, war at a universal level should take place. D. Everyone born in Pakistan is a citizen of Pakistan. Q: If Rubina was born in KPK, then she is a citizen of Pakistan, The statement above E. Rubina is citizen either of Pakistan can be deduced from which of the following statement? or of any other country. A. In case the second speaker was a captain, the seventh speaker was a Four captains and the first mates of three of them were called to attend the annual first mate meeting at head quarter. The captains were Lugman, Manzoor, Nauman and Osaf; B. In case the second speaker was a the first mates were Ayesha, Durya and Gia. Each person in turn delivered a report to first mate, the seventh speaker was the chairperson as follows: a captain. C. In case the third speaker was a 10 first mate, the seventh speaker was Each of the first mates delivered their report exactly after her captain. The first a captain. captain to speak was Manzoor, and captain Nauman spoke after him. D. In case the third speaker was a captain, the seventh speaker was a (Represent the person with first letter of his name)

Q: Among the following statements, which statement must be true?

first mate.

E. In case the seventh speaker was

a first mate, the first & p; third speakers were captains.

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.

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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

B. A is the film shown between B and

D.

C. E is the film shown between A and

D. D is the last film shown.

E. E is the first film shown.

Three men (Tahir, Pervaiz and Javed) and three women (Elena, Ayesha and Kiran) are spending a few months at Abbottabad. They are to stay in a row of nine cottages, each on living in his or her own cottage. There are no others staying in the same row of cottages.

- 1. Ayesha, Tahir and Javed do not want to stay in any cottage, which is at the end of the row.
- 2. Elena and Ayesha ar unwilling to stay besides my occupied cottage.
- 3. Kiran is next to Pervaiz and Javed.
- 4. Between Ayesha and Javed's cottage there is just one vacant house.
- 5. None of the girls occupies adjacent cottages.
- 6. The house occupied by Tahir is next to an end cottage.
- Q: Which of the above statements can be said to have been derived from two other statement?

A. Statement 1

B. Statement 2

C. Statement 3
D. Statement 5

E. Statement 6

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
- (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 is a suitable combination of vitamins and minerals for a nutriment?

B. D, E, H, Z C. A, D, E, Z D. C, D, E, F E. E. H. F. Z

A. A, B, C, F

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

any survey.

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: Professor Taimoor told his class that teacher's evaluation by students is not a valid

A. Students' evaluation of teachers is a wrong method.

B. Student's opinions against teachers are filtered during course.

C. Professor Taimoor had received low ratings from his students.
D. Teachers are not interested in

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measure or teaching quality. For this evaluation, students should till out questionnaires at the end of the course. Which of the following, if true, supports professor Taimoor's suggestion?

E. Students show interest in teacher evaluation.

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, which combination cannot be used together in an agreeable brand containing two or more types of tealeaves?

A. Livana and Mathia

- B. Livana and Novajana
- C. Livana and Piask
- D. Mathia and Oxia
- E. Piask and Novajana

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: 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.

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

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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

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 Hamza and Osama have their interviews on the same day which of the following be must be true?

- A. Hamza's interview will take place on Thursday
- B. Saleem's interview will take place on Friday
- C. Amin's interview take place on Saturday
- D. Osama's interview will take place on Saturday
- E. Amin's interview will take place on Sunday

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