

## NAT II Biological 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 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?</p>	<p>A. B is the film shown between A and C.</p> <p>B. A is the film shown between B and D.</p> <p>C. E is the film shown between A and C.</p> <p>D. D is the last film shown.</p> <p>E. E is the first film shown.</p>
2	<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: Professor Taimoor told his class that teacher's evaluation by students is not a valid measure of teaching quality. For this evaluation, students should fill out questionnaires at the end of the course. Which of the following, if true, supports professor Taimoor's suggestion?</p>	<p>A. Students' evaluation of teachers is a wrong method.</p> <p>B. Student's opinions against teachers are filtered during course.</p> <p>C. Professor Taimoor had received low ratings from his students.</p> <p>D. Teachers are not interested in any survey.</p> <p>E. Students show interest in teacher evaluation.</p>
3	<p>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 rules given below.</p> <p>A brand containing Livana, should also contain Novajana twice that of Livana.</p> <p>A brand containing Mathia, must also have equal quantity of Oxia.</p> <p>A single brand never contains Novajana as well as Oxia.</p> <p>Oxia and Piask should not be used together.</p> <p>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</p> <p>Q: Among of following which is an acceptable brand in accordance with the rules?</p>	<p>A. One part Livana, one part Piask</p> <p>B. Two parts Mathia, two parts Livana</p> <p>C. Three parts Novajana, three parts Livana</p> <p>D. Four parts Oxia, four parts Mathia</p> <p>E. Five parts Piask, five parts Mathia</p>
4	<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: Which of the following order of delivering report is not conformable with the conditions?</p>	<p>A. M, A, N, G, O, L, D</p> <p>B. M, D, N, G, L, O, A</p> <p>C. M, N, A, L, D, O, G</p> <p>D. M, N, A, O, D, L, G</p> <p>E. M, N, G, D, O, L, A</p>
5	<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: Choose the best option to complete the above statement:</p>	<p>A. The natural beauty of our land</p> <p>B. The fascinating urban centers</p> <p>C. The wild terrain of NWFP</p> <p>D. One's own subconscious</p> <p>E. The great sprawling cities of the upper Pakistan</p>

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- 6 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 is 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 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.

- 7 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.

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.

- 8 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.

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

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.

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A brand containing Mathia, must also have equal quantity of Oxia.

- 9 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 containing two parts Novajana and one part Piask conformable with the conditions?

A. One part Livana  
B. One part Mathia  
C. Two parts Novajana  
D. One part Oxia  
E. Two 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 -----.

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

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

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.

A. A ON, B ON, C ON.  
B. A ON, B OFF, C ON.

11	<p>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.</p> <p>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?</p>	<p>C. A ON, B OFF, C OFF. D. A OFF, B ON, C OFF. E. A OFF, B OFF, C ON.</p>
12	<p>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 rules given below.</p> <p>A brand containing Livana, should also contain Novajana twice that of Livana.</p> <p>A brand containing Mathia, must also have equal quantity of Oxia.</p> <p>A single brand never contains Novajana as well as Oxia.</p> <p>Oxia and Piask should not be used together.</p> <p>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</p> <p>Q: Among the below mentioned brands, which can be made agreeable by eliminating some or all of one type of tealeaves?</p>	<p>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</p>
13	<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 B. Third C. Fourth D. Fifth E. Sixth</p>
14	<p>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:</p> <p>In case only switch A is ON in the default setting, then turn switch B ON.</p> <p>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.</p> <p>Q: In case, switch A is OFF in the second setting. Which of the following could have been the default setting?</p>	<p>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.</p>
15	<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: In an examination, Rizwana has more marks than Fauzia. Shugufta has fewer marks than Zahid. Fauzia and Abid have more marks than Shugufta. If the above is true, which of the following must also be true?</p>	<p>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.</p>
16	<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 does 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. B. If an action is done by reason of ignorance and is not 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</p>

acted because of ignorance and repents.

- 17 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 F and E are the fifth and sixth presenters respectively then which of the following must be true?
- A. A is first in the order of presenters.  
B. A is third in the order of presenter.  
C. A is fourth in the order of presenters.  
D. B is first in the order of presenters.  
E. C is fourth in the order of presenters.
- 18 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: If I am elected, I will fight for changes effecting the growth and prosperity of the poor. We will work together to do away with the bureaucratic bogs which have existed ever since my opponent took office. Every one of you knows what I stand for; I invite my opponent to -----.
- A. Extend his support to me  
B. Make his mind clear  
C. Stop lying to the public  
D. Hand in his resignation graciously  
E. Get our city more federal aid
- 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: Which among the following is an acceptable order for showing the educational films?
- A. A, C, B, D, E  
B. A, C, D, E, B  
C. B, D, C, A, E  
D. B, D, E, A, C  
E. E, B, C, A, D
- 20 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: Many people do not read the books they purchase. For example, seventeen percent of college students in Pakistan have text books, but only forty-five percent of them read more than once a year, and only seventeen percent read more than once a week. Which of the following, if true, casts doubt on the claim that most people read the books they purchase?
- A. Regular book readers are most susceptible to eye diseases.  
B. Readers often exaggerate about their book reading.  
C. Many people buy books to pretend to be a scholar.  
D. The sale of novels is more than that of other types.  
E. Reading speed is increased by frequent reading.