

NAT II Arts & Humanities Analytical

Sr	Questions	Answers Choice
1	<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>
2	<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: Which among the following is an acceptable order for showing the educational films?</p>	<p>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</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 -----.</p> <p>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</p>	<p>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</p>
4	<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: Which of the following default settings leads to a second setting, where only one switch is OFF?</p>	<p>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.</p>
5	<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, C is shown earlier than E, which among the following will hold true?</p>	<p>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.</p>

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:

- 6
- 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.

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.

- 7
- A brand containing Livana, should also contain Novajana twice that of Livana.
- A brand 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, 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

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.

- 8
- 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 T, S and X are the only individuals serving on committee B, the total membership of committee C should be:

- A. Z and Y
- B. Z and W
- C. Y and V
- D. Y and U
- E. X and V

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.

- 9
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 occupied 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

10	<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</p> <p>B. One part Livana, two parts Novajana, one part Oxia, four parts Piask</p> <p>C. One part Livana, one part Mathia, one part Oxia, one part Piask</p> <p>D. Two parts Livana, two parts Novajana, one part Oxia, two parts Piask</p> <p>E. Two parts Mathia, one part Novajana, two parts Oxia, three parts Piask</p>
11	<p>A group of dog lovers declare that the principal virtue of the dog is its general friendliness towards all people. But, another group of cat lovers declare that the principal virtue of the cat is its peculiar friendliness towards its provider.</p> <p>Which of the following is true of the claims of both dogs and cats lovers?</p>	<p>A. Animal have not a sense to understand human behaviour</p> <p>B. Groups of animal lovers are friendly</p> <p>C. Friendliness is a virtue</p> <p>D. They apply the same standard</p> <p>E. Uncommon virtue of friendliness</p>
12	<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 above paragraph is most likely to appear in which of the following?</p>	<p>A. A Guide to Pakistan's intrinsic beauty</p> <p>B. Exploring the Great Outdoors</p> <p>C. The Quiet Beauty of Harappa</p> <p>D. how the Eagle Became Extinct</p> <p>E. Returning to Pakistan</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: Among the following statements, which statement must be true?</p>	<p>A. In case the second speaker was a captain, the seventh speaker was a first mate.</p> <p>B. In case the second speaker was a first mate, the seventh speaker was a captain.</p> <p>C. In case the third speaker was a first mate, the seventh speaker was a captain.</p> <p>D. In case the third speaker was a captain, the seventh speaker was a first mate.</p> <p>E. In case the seventh speaker was a first mate, the first & third speakers were captains.</p>
14	<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: Everything that the king knows necessarily is, because even what we ourselves know necessarily is; and, of course, our knowledge is not as certain as King's knowledge is. However, no future contingent thing necessarily is. Among the following statements, which naturally follows from the above:</p>	<p>A. There are no future contingent things.</p> <p>B. It is not true that the king has knowledge of only necessary things.</p> <p>C. The king has knowledge of no contingent future things.</p> <p>D. It is not possible for us to know the king.</p> <p>E. The king has knowledge of everything.</p>
15	<p>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:</p> <p>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.</p> <p>Q: B could be placed at any of the following places in the order of presenters EXCEPT</p>	<p>A. First</p> <p>B. Second</p> <p>C. Third</p> <p>D. Fourth</p> <p>E. Fifth</p>
	<p>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</p>	<p>A. Every citizen of the Pakistan is resident either of one of the province</p>

- 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.
- 16 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?
- 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.
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- 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.
- 17 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.
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- 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.
- 18 Q: Which among the following options would most strongly contradict the author;s attitude towards society?
- A. The greatest of society is altruism.
 B. We must all learn the art of love.
 C. Our short-term actions may contradict our long-term goals.
 D. Morality is the bedrock of a growing community.
 E. The forces of good will ultimately triumph over evil.
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- 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.
- 19 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: Among the following combinations which could constitute the membership of committee C?
- A. Y and T
 B. X and U
 C. Y, X and W
 D. W, V and U
 E. Z, X, U and R
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- 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
- 20 (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 cannot be included in a nutriment that contains E?
- A. B
 B. D
 C. H
 D. F
 E. Z