

NAT II Biological Science Analytical

Sr	Questions	Answers Choice
1	<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: Classical songs occupy a unique and peculiar position in every culture. They are imperishable as cultural landmarks, but the emotions expressed in some of the folks are often superseded by newer tunes. However, the classics survive just as heritage, as imposing features of the society, yet unsuited for habitation unless remodeled. The principle point put forth in the above passage is that classical works</p>	<p>A. Are ignored by young generation B. Are an obstacle in the development in new tunes C. Should be stored in museums. D. Lose their distinctive features as time passes. E. Need our respect and admiration even if their tunes and ideas they express are no longer current.</p>
2	<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: 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:</p>	<p>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.</p>
3	<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: 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?</p>	<p>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.</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: 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>
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: Which among the following is the pair of films that CANNOT be shown right before E?</p>	<p>A. A and B B. A and D C. B and C D. B and D E. C and D</p>
	<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>	

setting based on the following rules.

In case only switch A is ON in the default setting, then turn switch B ON.

- 6 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 ON.
B. A ON, B OFF, C ON.
C. A OFF, B ON, C OFF.
D. A OFF, B OFF, C ON.
E. A OFF, B OFF, C OFF.

Q: In case, only switch B is ON in the second setting. Which of the following could have been the default setting?

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:

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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?

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.

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

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

- 8 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

A railway track from Lahore to Islamabad consists of six main stations, P, Q, R, X, Y, and Z. Trains run only according to the following condition:

(i) From P to Q

(ii) From Q to P and from Q to R

(iii) From R to X

- 9 (iv) From X to Q and from X to Y

(v) From Z to P, from Z to Y and from Z to R

(vi) From Y to X

(vii) It is possible to transfer a station for another train.

A. 4
B. 5
C. 6
D. 3
E. 2

Q. The greatest number of stations that can be visited without visiting any station more than once, is:

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- 10 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

A. There was a subsequent increase in the use of CNG.
B. The busiest roads of the city have been damaged because of continual floods in Nala Layee for last five months.
C. People are busy enough to bring their vehicles on the roads.
D. City council expended a lot of money to make the campaign successful.
E. The number of cars has increased

if true create the most serious doubt on the conclusion drawn above?

E. The number of cars has increased due to Bank loaning in the city.

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 T and Z are the individuals serving on committee B, how many of the nine individuals should serve on committee C?

- A. 3
- B. 4
- C. 5
- D. 6
- E. 7

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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

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 the director decides to take two interviews on Thursday and two on Sunday, how many candidates would be eligible to interview on Friday?

- A. 1
- B. 2
- C. 3
- D. 4
- E. 5

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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?

- 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.

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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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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 every third Iranian wife with school going children has a job outside her home. If the

- 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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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

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:

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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

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.

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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 ideal candidate to occupy the office farthest from Mr. Zahid would be.

- A. Mrs. Fauzia
- B. Mr. Mujahid
- C. Mr. Shahid
- D. Mr. Abid
- E. Mrs. Ruby

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:

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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 O can view the comet neither on Wednesday nor on Thursday, which of the following must be true?

- A. Class K views the comet on Monday.
- B. Class L views the comet on Monday.
- C. Class L views the comet on Tuesday.
- D. Class N views the comet on Wednesday.
- E. Class P views the comet on Thursday.