

## NAT II Biological Science Analytical

Sr	Questions	Answers Choice
1	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	A. The natural beauty of our land B. The fascinating urban centers C. The wild terrain of NWFP D. One's own subconscious E. The great sprawling cities of the upper Pakistan
	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:	A. P and Q B. P and X C. X and Y D. X and Z E. X, P and Z
	(i) Frm P to Q	
	(ii) From Q to P and from Q to R	
	(iii) From R to X	
2	(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.	
	Q. The complete and accurate listing of the stations from which it is possible to reach R with exactly one transfer is :	
	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:	A. A ON, B ON, C ON, B. A ON, B ON, C OFF, C. A ON, B OFF, C ON, D. A OFF, B OFF, C ON, E. A OFF, B OFF, C OFF,
	In case only switch A is ON in the default setting, then turn switch B ON.	
3	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 only switches B is ON in the default setting, what must be the second setting?	
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. 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.
	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?	
	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:	
E	A must be shown earlier than C.	A. A B. B
5		C. C

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:

At most two classes can view the comet on any given night.

6 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 views the comet on Thursday.

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

A. A Guide to Pakistan's intinsic

B. Exploring the Great Outdoors

C. The Quiet Beauty of Harappa

D. how the Eagle Became Extinct

E. Returning to Pakistan

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 Friday

Saturday

D. Osama's interview will take place on Saturday

E. Amin's interview will take place on

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- (iii) From R to X
- (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.
  - Q. The greatest number of stations that can be visited without visiting any station more than once. is:

on Thursday B. Saleem's interview will take place

C. Amin's interview take place on

B. 5 C. 6 D. 3

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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 branca containing watha, must also have equal quantity of c

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

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.

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 idea office for Mr. Mujahid would be.

A. B B. F C. A

C. A D. C F. D

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Q: The idea 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

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 B. 3 C. 5 D. 2

- (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

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.

A Second

B. Third C. Fourth

D. Fifth

E. Sixth

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(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

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Q: Among the below mentioned brands, which can be made agreeable by eliminating some or all of one type of tealeaves?

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

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

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

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

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 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?

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

anv survev. E. Students show interest in teacher

evaluation.

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Q: Many people especially the experts in the field of forestry are against all forest fires. They demand that all forest fires show that in the long run, forest fires may in fact, be beneficial to the ecology as a whole. Among the following, which statement would logically follow from one of the observations referred to in the passage above? A. The reason of almost all forest fires is natural.

B. Human beings try to extinguish the fire for gaining heat.

C. Studies indicate that forest fires regularly occurred in the times prior to human occupation of forest areas.

D. The animal and plant life destroyed by forest fires seldom represents endangered species.

E. Occasionally, the small fire prevents a large scale fire by the accumulation of flammable materials.

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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

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

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

A bus has exactly six stops on its route. The bus first stops at stop one and then at

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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.

A. N
B. L
C. P
D. O
E. Q

Q: In case L is the second stop, which among the following must be the stop immediately before M?