

NAT II Biological Science Analytical

Sr	Questions	Answers Choice
1	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. (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	A. 1 B. 3 C. 5 D. 2 E. 4
2	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 D. C E. D
3	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. A Guide to Pakistan's intinsic beauty B. Exploring the Great Outdoors C. The Quiet Beauty of Harappa D. how the Eagle Became Extinct E. Returning to Pakistan
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, However, these are only short-term occurrences, which ultimately serve our long-term goal of personal gain. Q: Muzzaffar is terrible driver. He had ten traffic violations in the past year. Which of the following can be said about the above claim?`	A. Muzzaffar does not know how to drive B. Muzzaffar is an addict of drugs C. It is obvious that everyone has accidents in bad weather. D. Some thing, in this argument is hidden. E. The given statement is wrong.
5	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 L speaks after A, and A is the third of the first mates to speak, then among the following statements which would be urtrue?	A. O spoke immediately after G B. The order of the first four speakers was M, G, N, D C. O's first mate was present D. A was the fourth speaker after M E. The captains spoke in the order M, N, O, L

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.

6

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.

B. L C. P D. O

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

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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 any survey.

E. Students show interest in teacher evaluation.

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
- 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
- Statement 5 E. Statement 6

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: 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

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: 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 above statement is correct, which of the following must be true?

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 hiving more conservative attitudes than Pakistani husbands.

E. Employment opportunities for Pakistani wives are greater than Iranian wives.

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

A. First

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11	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	B. Secona C. Third D. Fourth E. Fifth
12	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
		A. The general public has an interest in the free exchange of different
13	In an in vitro study, 160 white cars 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. Q: Wall chalking on public property should be outlawed. Radicals and fanatics have no right to use public property when promoting their unsavory views. The argument above is based on the idea	political views. B. Every person who uses wall chalking for the promotion of ideas is a radical or fanatic. C. Radicals and fanatics prefer the use of public property while propagating their viewpoint. D. Legal constraints should be equal for all. E. Any promotional activity, which is against public interest, should be protected by law.
14	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 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. 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?	A. Every citizen of the Pakistan is resident either of one of the province 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.
15	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: People should be held accountable for their own behavior, and if holding people accountable for their own behavior entails capital punishment, then so be it. However, no person should be held accountable for behavior over which he or she had no control. Which of the following is the most logical conclusion of the argument above?	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.
16	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 E. There are many occasions when we graciously offer our assistance.
17	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	A. Second B. Third C. Fourth D. Fifth E. Sixth

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) Frm P to Q
- (ii) From Q to P and from Q to R
- (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 complete and accurate listing of the stations from which it is possible to reach R with exactly one transfer is :

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.

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

A. P and Q B. P and X C. X and Y

D. X and Z E. X, P and Z

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:

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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

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.

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