NAT II Arts & Humanities Analytical

Sr	Questions	Answers Choice
1	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 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 of the above statements can be said to have been derived from two other statement?	A. Statement 1 B. Statement 2 C. Statement 3 D. Statement 5 E. Statement 6
2	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 Thursday B. Saleem's interview will take place on Friday C. Amin's interview take place on Saturday D. Osama's interview will take place on Saturday E. Amin's interview will take place on Sunday
3	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
	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:	

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5	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
6	Rizwan was born in 1956, and so in 7965 he was nine years old. If we per use this example, it is clear that the last two digits of a person's birth will be the same as the last two digits of the year of that person's ninth birthday, except that the position of the digits will be reversed. Identify, which is the best criticism of the assertions made above.	A. The generalization is valid only for those, in which last digit of their birth years is greater than four. B. The generalization is applicable only for those birth years that do not end in two zeroes. C. This example is not best illustration of the fact D. The generalization is valid only for those birth years in which the difference of the last two digits is one E. The generalization is valid only for those birth years that ends with 6
7	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. Which of the following is true of the claims of both dogs and cats lovers?	A. Animal have not a sense to understand human behaviour B. Groups of animal lovers are friendly C. Friendliness is a virtue D. They apply the same standard E. Uncommon virtue of friendliness
8	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 trip which requires greatest number of transfer, is:	A. P to R B. Q to Y C. Z to Q D. Z to R E. Z to Y

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

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

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

(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:

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

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

A. P and Q
B. P and X
C. X and Y
D. X and Z
E. X, P and Z

(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 :

A chemist is preparing a nutriment using eight different vitamins and minerals ….A, 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

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(iii) If C is used, at least two of A, B and F must also be used

A. A, D, Z
B. B, H, E
C. C, D, H
D. C, E, Z
E. E, H, F

(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: By the addition of exactly one more mineral, which of the following could make an acceptable combination of vitamins and minerals?

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(ii) E and H must always be used together

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(iii) If C is used, at least two of A, B and F must also be used

A. B
B. D
C. H
D. F
E. Z

(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?

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(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 is a suitable combination of vitamins and minerals for a nutriment?

A. A, B, C, F
B. D, E, H, Z
C. A, D, E, Z
D. C, D, E, F
E. E, H, F, Z