

NAT II Management Science Analytical

Sr	Questions	Answers Choice
	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. R B. Y
1	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.	C. W D. T E. S
	Q: In case, any of the nine individuals serves on committee C, which among the following could not be the candidate to serve on committee A?	
	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:	A. D is M's first mate; G is N's first mate; A is O's first mate. B. D is M's first mate; G is N's first mate; A was the second to speak
2	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.	after L. C. The order of the first four speakers was M, D, N G.
	(Represent the person with first letter of his name)	D. The order of the last three speakers was L,O, A. E. The order in which the captains spoke was M, N, L, O.
	Q: Among the following statements, which would make M, D, N, G, L, O, A the only possible sequence of speakers?	
	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.	A. Second. B. First
3	B must be shown earlier than D.	C. Third D. Fifth
	E should be the fifth film shown. Q: In case B, D and E are to be shown one after the other in the given order, the position from first to fifth in which A could possibly be shown is	E. Fourth
	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 qualities of photography are not dependent on criticism. B. Critics seem hypocritical. C. People can not judge the art work D. Photography is an art independent of your opinion E. artists should teach at universities.
4	Q: Some critics are of the opinion that the intrinsic qualities of photography depend on criticism and hence it is a matter of opinion. It is rather odd, though, that in a legal connection, serious critics themselves quite often behave as if they believed criticism to be a matter of opinion. why be a critic and teach in universities - in case criticism involves nothing but uttering capricious and arbitrary opinion? In the above argument the author is trying to convince that	

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 ${\sf Q}$
- (ii) From Q to P and from Q to R

5	(iv) From X to Q and from X to Y (v) From Z to P, from Z to Y and from Z to R	C. X and Y D. X and Z E. X, P and Z
	(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 :	
	6	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
knowledge is. However, no future contingent thing necessarily is. Among the following statements, which naturally follows from the above:		
	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	A. B B. D C. H D. F E. Z
7	(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?	
	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.	A. A ON, B ON, C ON. B. A ON, B ON, C OFF. C. A ON, B OFF, C ON. D. A ON, B OFF, C OFF. E. A OFF, B ON, C OFF.
8	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, switch A is OFF in the second setting. Which of the following could have been the default setting?	
9	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.	A. B B. F C. A D. C E. D
	Unless specifically stated all the employees maintain an atmosphere of silence during office hours.	
	Q: The idea office for Mr. Mujahid would be.	

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.

Q: In case N is the fourth stop, which among the following must be the stop immediately before P?

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

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- (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

A. A person is not a voluntary agent, if he acts by reason of ignorance and repents.

B. If an action is done by reason of ignorance and is bot voluntary, then it was repented.

C. a man is an involuntary agent, if he acts by reason of ignorance.
D. Some actions are either

involuntary or not voluntary.

E. If a man is not voluntary agent, he acted because of ignorance and repents.

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.

13 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: Adding more amount of Novajana will make which of the following brands conformable with the conditions?

A. One part Livana, one part Novajana, five parts Piask

B. Two parts Mathia, two parts Novajana, two parts Piask C. One part Mathia, one part Novajana, one part Piask

D. Two parts Mathia, one part Novajana, four parts Piask E. Two parts Novajana, one part Oxia, three parts Piask

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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: Which of the following order of delivering report is not conformable with the conditions?

A. M, A, N, G, O, L, D B. M, D, N, G,L,O, A C. M, N, A,L, D, O,G D. M, N, A, O, D, L, G E. M, N, G, D, O, L, A

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. B. 4 C. 5 15 It is possible that there are no members of committee C. Among Z, Y and X none can D. 6 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. The reason of almost all forest fires is natural. Selfishness is a principal evil in our society. Every person is concerned with only B. Human beings try to extinguish the himself. Personal advancement is the only motivating force in the world today. This fire for gaining heat. does not mean that individuals are not willing to help one another, on the contrary, -C. Studies indicate that forest fires -. However, these are only short-term occurrences, which ultimately serve our regularly occurred in the times prior 16 long-term goal of personal gain. to human occupation of forest areas. D. The animal and plant life Q: Many people especially the experts in the field of forestry are against all forest destroyed by forest fires seldom fires. They demand that all forest fires show that in the long run, forest fires may in represents endangered species. fact, be beneficial to the ecology as a whole. Among the following, which statement E. Occasionally, the small fire would logically follow from one of the observations referred to in the passage above? prevents a large scale fire by the accumulation of flammable materials. 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 Rizwan was born in 1956, and so in 7965 he was nine years old. If we per use this example, it only for those birth years that do not is clear that the last two digits of a person's birth will be the same as the last two digits of the end in two zeroes. year of that person's ninth birthday, except that the position of the digits will be reversed. 17 C. This example is not best Identify, which is the best criticism of the assertions made above. 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 A. Every citizen of the Pakistan is One's ability to adjust in an environment successfully leads to happiness. War at a resident either of one of the province universal level destroys the weaker people, who are the most unable to adjust to their or of one of the tribal area. environment. Thus, war at the universal level puts weakling out of their misery and B. Rubina was born either in KPK or in Sindh. allows more space for their predators to enjoy life in a better manner. As those C. Some people born in KPK are 18 actions have to be performed, which maximize the level of happiness of the greatest citizens of Pakistan. number, war at a universal level should take place. D. Everyone born in Pakistan is a citizen of Pakistan. Q: If Rubina was born in KPK, then she is a citizen of Pakistan, The statement above F. Rubina is citizen either of Pakistan can be deduced from which of the following statement? or of any other country. A. The number of total hotel rooms Follow us to the real Pakistan leaving behind the disturbances of civilization. Real has increased. Pakistan is still inhabited by the eagle, the cow, the black deer, and tigers; it is still B. Average cost per room has spacious, sprawling, and majestic. Experience the freedom and serenity still to be increased C. The number of customers has 19 increased from 1970 to 1990. D. Average stay per customer has Q: In 1970, Shaheen Inn earned Rs. 10 million in hotel business. By 1990, revenue increased doubled and in 2000, it reached the sum of Rs. 40 million. Each of the following, if E. The average price of customer true, may explain the trend in hotel business except: services has increased. A. People suffering from Kay fever are the victims of the golden viper of Sindh. B. One among the 160 white cats In an in vitro study, 160 white cars were injected with Salt X. 160 other white cats had already showed symptoms of injected with placebo. In two weeks, 39% of the white cats, who were injected with Kay fever prior to the experiment. Salt X showed symptoms of Kay fever. Hence, it can be concluded that Kay fever is C. The natural habitats of white cats 20 does not contain any of the elements caused by some elements similar to the elements in Salt X. found in Salt X. D. The 160 white cats used in the Q: Which of the following statements would most seriously weaken the above experiment were kept isolated from discussion? each other. E. The scientists administered the injections being ignorant of the

contents of the salt used.