GAT-A Business and Engineering Analytical

Sr	Questions	Answers Choice
1	Many people do not read the books they purchase.For example seventeen percent of college students in Pakistan have textbooks,but only forty-five percent of them read more than once a year and only seventeen percent read more than once a week.Q-Which of the following if true costs doubt on the claim that most people read the books they purchase?	A. Readers often exaggerate about their book reading. B. The sale of novels is more than that of other types. C. Many people buy books to pretend themselves as a scholar. D. Regular book readers are most susceptible to eye diseases. E. Reading speed is increased by frequent readings.
2	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 a pair of films that CANNOT both be shown earlier than E?	A. A and B B. A and D C. B and C D. B and D E. C and D
3	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
4	Nine individuals - Z, Y, X, W, V, U, T, S and R are to 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. 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
5	The city council in a modernized country devises a new employment scheme for locales. Based on this scheme,both men and women are categorized to R and B types. No person can do job in his own type. If a man gets job, he becomes a part of his employer's type but if a woman gets job she retain her own type. Children belong to the same type as their fathers. If a male is terminated, he resigned from the job or is retired; he reverts to the type of his birth.More than one job at a time is not permitted. If a man gets married, his type is converted to the type of his wife. Q: A male born B type and employed now may have	A. A daughter doing job in R type B. A born B type son C. A son doing job in R type D. A born B type daughter E. An uncle in either group
6	A publisher chooses five articles to be published in the upcoming issue of an arts review.The only articles available for publication are theater articles L,M,N and O and dance articles W,X,Y,and Z.At least three of the fire published articles must be dance articles.If O is chosen,then Y Cannot be.If L is chosen,then O must also be chosen.Q-If M is chosen for the issue,which of the following must be true?	A. O is not chosen B. N is not chosen C. Exactly three dance articles are chosen D. L is not chosen E. All four of the dance articles are chosen
7	On a factory control room, there are three ON-OFF switches on 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 BON.. In case switches A and B are the only switches ON in the default setting, then turn switch CON. 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 switch B is ON in the default setting, what must be the second setting?	A. AON,BON,CON B. AON,BON,COFF C. AOFF,BOFF,CON D. AOFF,BOFF,COFF E. AOFF,BOFF,COFF
	The customer complaint department of a chain of departmental stores firm employs exactly six people who answer letters: A,B,C,D,E and F.Every complaint letter received by the departmental is classified as either Red or Blue,The procedures for answering the letter are:Red letters are given first to A or B.Blue letters are given first to anyone of the	A. A forwards a red letter to C B. B forwards a red letter to A

8	following:A,D or C.If a letter raises a problem that cannot be resolved by the person to whom it is given,it must be forwarded until it reaches someone who can resolve the problem and answer the letter.A letter must be forwarded as follows:By A to C if the letter is Red,but to D if the letter is Blue;By B to either A to C;By C to D if the letter is Red,but to E if the letter is Blue;By D to either C or E whether the letter is Red or Blue;By E to F whether the letter is Red or Blue.F answer every letter given to him.Q-Any of the following can be true EXCEPT?	B. B forwards a red letter to A C. B forwards a red letter to C D. C forwards a red letter to E E. D forwards a red letter C
9	Two or more tealeaves out of five varieties-- Livana, Mathia, Novajana, Oxia, and Piask are used in making all branded blends 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. 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 tea leaves. 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
10	The accounts staff of the Mark corporation presently consists of three book-keepers (X,Y and Z) and five Data Entry Operators (M,N,O,P and Q) Management is planning to open a new office in another city sending three Data Entry Operators and two book-keepers from the present staff.To do so they plan to separate certain individuals who do not function well together.The following guidelines were established to set up the new office:(i) Book-keepers X and Z are constantly finding faults with one another therefore should not be sent together to the new office.(ii) Z and N function well alone but not as a team.They should be separated. (iii) M and P have not been on speaking terms for many months they should not go together. (iv) Since M and O have been competing for a promotion they should not be in one team.Based on the above information find the correct answers to the following questions:Q-If X is to be moved as one of the book-keepers,which of the following CANNOT be a possible working unit?	A. X Y M N Q B. X Y N O Q C. X Y M P Q D. X Y N P Q
11	Nine athletes attend a sports banquet at Iqbal Stadium,Lahore.Three of the athletes--A,B and C--are varsity football players,two of the athletes---D and E--are varsity basketball players.The other four athletes--L,M,N,and O --belong to the hockey club.All nine athletes will be seated at three small tables,each seating three athletes.The athletes must be seated according to the following rules:L and A do not sit at the same table.M sits together with at least one of B or D.There can be at most only one football player at a table.There can be at most only one basketball player at a table.Q-A and D are seated at one table.which of the following are possible seating arrangements for the remaining two tables?	A. B with L and O, C with E and M B. B with M and N, C with L and O C. B with O and D, E with N and O D. C with E and L, B with N and O E. L with M and N, B with E and O
12	A builder will build five houses in New Housing Scheme on a street that currently has no house.The builder will select from seven different models of houses--L,M,N,O,P,Q and R The Development Authority has placed the following restrictions on the builder: No model can be selected for more than one house.Either model O must be select or model R must be selected,but both cannot be selected,If model Q is selected then model N cannot be selected.If model M is selected then model O cannot be selected.Q- Which of the following is an acceptable combination of models that can be selected for the street?	A. L,M,N,P,Q B. L,M,P,Q,R C. L,N,P,Q,R D. M,N,O,P,Q E. N,O,P,Q,R
13	The primary evil of today's society is selfishness.People are concerned only with themselves.Personal advancement is the sole motivating force in our world.This is not to say that individuals are never 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-Which statement would most strongly contradict the author's attitude towards society?	A. Altruism is society's greatest strength. B. The forces of good will ultimately triumph over evil. C. Our short-term actions may ostensibly contradict our long-term goals D. We must all learn the art of selfishness. E. Morality is the bedrock of a growing community.
14	Four computer operators (Ali,Babar,Cheema and Dar) each have to perform duties at the NADRA on four different days Thursday through Sunday.The following is their duty schedule: Cheema has his duty day before Ali.Dar has his duty day later than Babar.Q-If Cheema has his duty day on Saturday, who must have his duty day on Thursday?	A. Either Ali or Dar B. Dar C. Ali D. Either Babar or Dar E. Babar
15	Sales manager Nasir All is trying to establish a sales team to cover the Lahore region. His team will consist of four members - two experienced and two new sales representatives. Saleem, Fawad, Hanif, and Karim are the experienced sales representatives. Javed, Taimoor, and Daud arc new. Saleem and Fawad do not work together Taimoor and Saleem refuse to work.together. Hanif and Daud cannot work together Q:If Saleem is not chosen as part of the sales team and Taimoor is, then which one of the following must be true?	A. Daud and Hanif are on the team B. Karim and Javed are on the team C. Hanif and Fawad are on the team D. Javed or Daud is not on the team E. Fawad or Karim is not on the team
16	In a scout training institute, there are three categories strikers, defenders, and helpers. Eight scouts are selected from these categories for learning to follow two commands—"attack" And "revert." At least one scout is selected from one category. All female scouts in the group are defenders. The results of the first lesson are as follows: At least: two of the scouts have learned to follow the "attack': command, but not the "revert" command. At least two of the.scouts have. learned to follow the "revert" command, but not the "attack" command. At least one of the scouts has learned to follow both commands. Among the eight scouts, only helpers have learned to follow the "revert" command. Q:If each scout has learned to follow at least one of th,(wo,commands, all of the following must tote EXCEPT:	A. All defenders have learned to attack B. All strikers have learned to attack C. All helpers have learned to revert D. No defender has learned to revert E. No striker has learned to revert
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17	configuration ii In a particular configuration A and C must either both an odd numbered steps or both an even-numbered steps iii A person E can be on a step next to the vacant step . Q:Which of the following is false i B and D can be both on odd-numbered steps in one configuration ii In a particular configuration A and C must either both an odd numbered steps or both an even-numbered steps iii A person E can be on a step next to the vacant step	A. i only B. ii only C. iii only D. both i and iii
18	An island, five kilometers away in the sea is connected to the land by two ways, three hanging bridges A, B, and C and three water routes 1,2 and 3.The managing authority offers services to people for coming in and for going out by officially managed vehicles on both ways. When it snows, morning service on B is delayed. When it rains or snows, service on A, route 2 and route 3 are delayed in both the morning and afternoon When temperature falls below 30 degrees Fahrenheit afternoon service is cancelled on either A or on the route 3, but not both.When the temperature rises over 90 degrees Fahrenheit, the afternoon service is cancelled in either on C or on the route 3 but not both.When the service on A is delayed or cancelled, service on the C, which connects A is delayed.When service on the router 3 is cancelled, service on B, which connects the route 3 is delayed. Q: On August 15th with the temperature at 97 degrees Fahrenheit, it begin to rain at 1 PM. What is the minimum number of services will be affected?	A. 2 B. 3 C. 4 D. 5
19	During 2006, from january through june,the Chairman of Physics Department will be on Sabbath.The Dean of college has asked each of the college six professors int he department---Akhter,Bilal,Chohan,Fraz,Hamid and Noman--to serve as acting chairman during one of these months.The physicists can decide the order in which they will serve,subject only to the following criteria established by the dean.i. Chohan will serve as chairman in February.ii.Akhter will serve as chairman before Hamid does.iii.Bilal and Fraz will serve as chairman in consecutive months.Q-Which of the following CANNOT be true?	A. Akhter and Noman serve in consecutive months B. Noman and Hamid serve in consecutive months C. Hamid and Fraz serve in consecutive months D. Akhter and Chohan serve in consecutive months E. Bilal and Chohan serve in consecutive months
20	Two statements, labeled X and Y, follow each of the following questions.The statements contain certain information.In the questions you do not actually have to compute an answer rather you have to decide whether the information given in the statement X and Y is sufficient to find a correct answer by using basic mathematicsand everyday facts.Q-A runner has just completed 46 miles running.How long did it take him to finish the journey?X.His record speed is 13.2 miles per hour.Y.His average speed through the journey was 9.2 miles per hour.	A. Statement X. Alone is sufficient but Y.Alone is not sufficient to answer this question. B. Statement Y.Alone is sufficient but X.Alone is not sufficient to answer this question. C. Statement X and Y TOGETHER are sufficient to answer the question but NEITHER of them is sufficient Alone, D. Statements X and Y COMBINED are NOT sufficient to answer the question and additional information is needed to find the correct answer.