GAT-A Business and Engineering Analytical

Sr	Questions	Answers Choice
1	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
2	In a computer data transfer-cable plant,cables are assembled by twisting plastic-coated wires together.There are wires of exactly six different solid colours---red,purple,pink,green,orange and book --wires must be assembled into single cables according to the following rules:Each cable must contain at least three wires and wires of at least three different colours.These cables are joined by the following rules:At most two wires in a single cable can be black.At most two wires in a single cable can be orange.There can be at most one wire of each of the other colours in a single cable.If one wire is red,then one wire must be purple.If one wire is pink,then no wire can be green.Q.Which of the following could be the complete set of wires in an acceptable cable?	A. A green wire,an orange wire,and a pink B. A pink wire,a black wire,and an orange wire. C. A red wire a black wire and a green wire. D. A purple wire and exactly two black wires. E. Exactly two black wires and exactly two orange wires
3	The office staff of a firm engaged in marketing of innovative gimmicks consists of three accountants--A, B, C and five secretaries-- D, E, F, G, H. The top management is planning to expand its market by opening a new setup in another city using two accountants and three secretaries of the present staff. To do so they plan to separate certain individuals who don't function well together. The following guidelines were established to set up the new office I Accountants A and C cannot work together happily as A is a chain smoker and C is allergic to smoking and should not be sent together to the new office as a team II C and E function well alone but quarrel when work together so, they should be sent to the new office as a team III D and G have not been on speaking terms and shouldn't go together IV Since D and F have been competing for promotion they shouldn't be a team. Q: If D goes to the new office, which of the following is/are true I C cannot go II A cannot go III H must also go	A. I only B. I and II only C. II only D. I and III only
4	Four captains and the first mates of three of them were to attend the annual meeting at head quarters. The captains were Luqman, Manzoor, Nauman, and Osaf, the 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 captain. The first captain to speak was Manzoor, and in Nauman spoke after him. . present the person with first letter of his name) Q:In case A is the third of the first mates to speak, and L is the captain whose first mate is not present, which among the following statements must be true?	A. A spoke sometime before L B. D spoke sometime before O C. L spoke sometime before O D. O spoke sometime before L E. O spoke sometimes before N
5	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 exactly one film is shown between A and C, and exactly one film is shown between B and D, which among the following will hold true?	A. B is the film shown between A and C B. C is the film shown between B and E C. E is the film shown between A and C D. D is the last film shown E. E is the first film shown
6	Khan Fast Foods serves lunch Tuesday through Sunday.The restaurant is closed on Monday. Mutton karahi, chicken karachi, korma, fish fried, and vegetable are served each week based on the following conditions: Chicken karahi is served on three days each week, but never on Friday. Korma is served on one day each week.Fish fried is served on three days each week, but never on consecutive days. Chicken karahi and mutton karahi are both served on Saturday and Sunday.Vegetable is served five days each week.No more than three different foods are served on any given day. Q: On which of the following pairs of days could the restaurant's menu of foods be identical?	A. Friday and Sunday B. Tuesday and Wednesday C. Saturday and Sunday D. Wednesday and Friday E. Thursday and Frinday

7	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:Of the nine individuals, the maximum number that can serve together on committee C is	A. 9 B. 8 C. 7 D. 6 E. 5
8	A Government College sports president wishes to select four members of a sports-wing committee as special representatives to meet the requirements of college's sports activities.The committee consists of eight members four of which (K,L,M and M) are sports teachers whereas the other four (P,Q,R andS) are students.The four representatives must consist of exactly two sports teachers and two students.Either K or L must be one of the representatives but K and L both cannot be the representatives.If P is a If R is a representative then L cannot be a representative.Q-If K and N are representatives then which of the following is not a representative?	A. Q B. R C. P D. None
9	A home furniture dealer has seven laxury sofas in his showroom: a Z, a Y, a X, a W, a V, a U and a T. The dealer must.place the sofas in one of seven showroom spaces that are numbered 1-7 from left to right. Each showroom space must be filled with exactly one sofa. The following conditions apply to the placement of the sofas in the showroom: 1 X must not be placed in a space adjacent to W. 2 Z must be placed in a space adjacent to T. 3 Y must be placed in the first or the last space. 11V is placed in the third space, then W must be placed in the fifth space Q:Which of the following is an acceptable placement of the sofas in the showroom spaces from one to seven?	A. Z, T, V, X, W, U, Y B. Y, X, V, U, W, Z, T C. X, Y, U, W, T, Z, V D. Y, Z, V, U, W, T, X E. U, X, V, T, Z, W, Y
10	A Government College sports president wishes to select four members of a sports-wing committee as special representatives to meet the requirements of college's sports activities.The committee consists of eight members four of which (K,L,M and M) are sports teachers whereas the other four (P,Q,R andS) are students.The four representatives must consist of exactly two sports teachers and two students.Either K or L must be one of the representatives but K and L both cannot be the representatives.If P is a If R is a representative then L cannot be a representative.Q-If P is a representative then which of the following CANNOT be a representative?	A. M B. N C. Q D. R
11	According to Albert Einstein's famous theory of relativity,time travel is theoretically possible,If we assume that time travel were to be possible through some technological wonder,it would be advantageous to send someone back in time to prevent the assassination of Archduke Franz Ferdinand in 1914 and thus keep Word War I from ever occurring.Q-The argument above makes which of the following assumptions?	A. The technology necessary for time travel is likely to be developed in the near future. B. If the time travel were to be developed in the future,evidence of time travelers would be apparent to those living today. C. It is not possible to alter a significant current in world history merely by changing a single event. D. If Franz Ferdinand had not been assassinated,some other catalytic event would have led to the start of World War I. E. The assassination of Franz Ferdinand was the crucial event that triggered the start of Word War I.
12	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 mathematics and everyday facts.Q-How much time will computer need to solve 150 problems?	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 TOGETHER are NOT sufficient to answer the question and additional information is needed to find the correct answer.
13	The value of a close examination of the circumstances of an aircraft accident lies not only in fixing blame but in learning lessons.Q.The above statement first most logically into which of the following types of passages?	A. A survey of the "scapegoat phenomenon" in modern society. B. An argument in favour of including specific details in any academic essay. C. An argument against the usefulness of the National Transportation Safety Board. D. A brief history of aeronautics. E. A description of the causes of a particular aircraft accident.
		A. Fatima was born either in NWFP or in Punjab. B. Some people born in NWFP are citizen of Pakistan.

14	If Fatima was born in NWFP,then the she is a citizen of Pakistan.The statement above can be deduced from which of the following statements?	C. Everyone born in Pakistan is a citizen of Pakistan. D. Every citizen of Pakistan is resident either of one have the province or of one of the tribal area. E. Fatima is a citizen either of Pakistan or of any other Country.
15	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 February 10th, with the temperature at 15 degree Fahrenheit, it snows all day. On how many services be affected, including both morning and afternoon.	A. 2 B. 3 C. 4 D. 5
16	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 horse ran 80 miles without stopping.What was its average speed in 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. Statements X and Y. TOGETHER are sufficient to answer the question but NEITHER of them is sufficient Alone. D. Statements X and Y COMBINED are nor sufficient to answer the question and additional information is needed to find the correct answer.
17	Five ladies, Ayesha, Bano, Chandni, Durya, and Elina enter in a series of baking contests in which they are to place their Biryani dish to the judges. The series follows the rules of presentation given below: Bano places ahead of Chandni. Either Ayesha is first and Elina is last, or Elina is first and Ayesha is last. There are no ties in any contest. Everyone competes in each contest. Q: Which of the following additional conditions makes it certain that Durya places second?	A. Ayesha places ahead of Bano B. Bano places ahead of Durya C. Durya places ahead of Bano D. Bano places behind Elina E. Elina places behind Durya
18	All R's are either P's or Q's.All P's are R's.All Q's are R's.No Y's are Z's.Some Q's are Z's.Not all Z's are R's.Q-If all X's are either P's or Q's,then which of the following is necessarily false?	A. All X's are R's B. All P's are X's C. Some Q's are X's D. All X's are H's E. All Z's are X's
19	All R's are either P's or Q's.All P's are R's.All Q's are R's.No Y's are Z's.Some Q's are Z's.Not all Z's are R's.Q-5.Which of the following could not be true?I.No Y's are R'sII.No Y's are P'sIII.No Z's are R'sIV.No Y's are Q's	A. I only B. II only C. III only D. IV only E. I and IV only
20	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