GAT-A Business and Engineering Analytical

Sr	Questions	Answers Choice
1	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
2	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: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
3	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. Among the following combinations which could constitute the membership of committee C?	A. Y and T B. X and U C. Y, X and W D. W, V and U E. Z,X,U and R
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, S and X are the only individuals serving on committee B, the total membership of committee C should be:	A. Z and Y B. Z and W C. Y and V D. Y and U E. X and V
5	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, any of the nine individuals serves on committee C, which among the following could not be the candidate to serve on committee A?	A. R B. Y C. W D. T E. S
6	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 R is the only individual serving on committee B, which among the following should serve on committee A?	A. W and S B. V and U C. V and T D. U and S E. T and S
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

Nine individuals - Z, Y, X, W, V, U, T, S and R are to serve on three committees labeled A, B

#	Question	Options
8	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
9	"The sum of behaviour is to retain a man's dignity without intruding upon the liberty of others." stated Sir Francis Bacon.If this is the case then not intruding upon another's liberty is impossible.Q.The author's argument would be weakened if it were pointed out that? I.Bacon's argument has been misinterpreted out of context.II.Neither liberty nor dignity can be discussed in absolute terms.III.Retaining dignity always involves a reducing of liberty.	A. I,II and X B. III only C. I only D. II and III only E. I and II only
10	"The sum of behaviour is to retain a man's dignity without intruding upon the liberty of others." stated Sir Francis Bacon.If this is the case then not intruding upon another's liberty is impossible.Q.The conclusion strongly implied by the author's arguments is that?	A. Retaining one's dignity is impossible without intruding upon another;s liberty. B. Retaining dignity never involves robbing others of liberty. C. Dignity and liberty are naturally exclusive. D. There is always the possibility of a "dignified intrusion" E. None of the above
11	Researchers have found an inactive virus in dry bread.In previous experiments,researchers found that inactivated viruses could convert healty cells into cancer cells.It can be concluded that the use of dry bread can casue cancer.Q-Which one of the following if true most seriously weakens the argument?	A. The result of many studies about the same topic were consistent. B. Many other ingredients dry bread can neutralize the effect of inactive virus. C. Many of cancer patients confirmed the use of dry bread. D. Ten percent of rural population use dry bread E. Inactive virus cannot be killed by any medicine.
12	A researcher has concluded that woman are just as capable as men in math but that their skills are not developed because society expects them to develop other and more diverse abilities.Q.Which of the following is a basic assumption of the researcher?	A. Ability in math is more important than ability is more divers subjects. B. Ability in math is less important than ability in more divers subjects. C. Women and men should be equally capable in math. D. Women might be more capable than men in math. E. Women tend to conform the social expectations.
13	In the first message to Congress,Harry Truman said,"The responsibility of the United States is to serve and not dominate the world."Q.Which of the following is one basic assumption underlying Truman's statement?	A. The United States is capable of dominating the world. B. The United States chooses a serve rather than dominate the world. C. World domination is a virtue. D. One must be decisive when facing a legislative body for the first time. E. The United States,preceding Truman's administration,had been irresponsible.
14	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.
15	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.
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 individual,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-9.Which among the following options would most strongly contradict the author's	A. The greatest strength of society is altruism. B. We must all learn the art of love. C. Our short-term actions may contradict our long-term goals. D. Morality is the bedrock of a growing community.

attitude towards society?

E. The forces of good will ultimately triumph over evil.

17	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 individual,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.To fill in the blank in the above passage,select on of the options from the below mentioned options?	A. We are always trying to undermine others endeavours. B. People always deceive one another. 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.
18	Hamza is a terrible driver.He had ten traffic violations in the past year.Which of the following can be said about the above claim?	A. Hamza does not know how to drive. B. Hamza is an addict of drugs C. It is obvious that everyone make accidents in bad weather. D. Something in this argument is hidden E. The given statement is wrong.
19	Before the arrival of Asim,a new partner,sales output in Bilal's company Minhas In Reverse Ltd.had been raising by 10% per year on average.Innovations by Asim included computerization of technical process and reduction in the work force,but annual sales output has only risen by 5% per year.It appears that Asim's innovations have caused the reduction in the annual growth rate.Q:Which of the following if true would most seriously weaken the conclusion above?	A. Asim's innovations were intended as long-term investment and not made for short-term profit growth. B. General demand for the product manufactured by the company has declined. C. The investment in new machinery entails a provision for depreciation of the cost of the fixed assets,which causes a reduction in profit. D. Workers laid off by Minhas in Reverse Ltd.have been hired by a competitor,who is taking an increasing share of the market. E. Minhas In Reverse Ltd.does not base increases in the selling price of its products with costs.
20	According to the new office smoking regulation,only employees who have enclosed offices may smoke at their desks.Virtually,all employees with enclosed offices are at the professional level,and virtually all secretaries employees lack enclosed offices.Therefore secretaries who smoke should be offered enclosed offices.1.Which of the following is an assumption that enables the conclusion above to be properly drawn?	A. Employees at the professional level who do not smoke should keep their enclosed offices. B. Employees with enclosed offices should not smoke at their desks,even though the new regulations permit them to do so. C. Employees at the secretarial level should to smoke at their desks,even if they do not have enclosed offices. D. The smoking regulations should allow all employees who smoke an equal opportunity to do so,regardless of an employee's job level. E. The smoking regulations should provide equal protection from any hazards associated with smoking to all employees who do not smoke.
21	It is true that it is against international law to sell plutonium to countries that do not yet have nuclear weapon.But if United States companies do so,companies in other countries will.Q:Which of the following is most like the argument above in its logical structure?	A. It is true that it is against the police department's policy to negotiate with kidnappers.But if the police want to prevent loss of life,they must negotiate in some cases. B. It is true it is illegal to refuse to register for military service.But there is a long tradition in the United States of conscientious objection to serving in the armed forces. C. It is true that it is illegal for a government official to participate in transaction in which there is an apparent conflict of interest.But if the facts are examined carefully it will clearly be seen that there was no actual conflict in the defendant's case. D. It is true that it is against the law to burglarize people's homes.But someone else certainly would have burglarized that house if the defendant had not done so first. E. It is true that company policy forbids supervisors to fire employees without two written warnings.but there have been many supervisors who have disobeyed this policy.

22	Travelling by cars is safer than travelling by planes.About 80% of plane accidents result in death of all passengers,while about 1% of car accidents result in death.Q.Which of the following if true would most seriously weaken in the argument above?	A. Pilots are more trained than car drivers are. B. Speed of car is lesser than that of planes. C. The number of car accidents is several thousand times higher than the number of plane accidents. D. Car carriers less number of passengers. E. Planes are inspected by experienced engineers before flying.
23	Asif has refused to work hard for the exam preparation; therefore no more pocket money from his father should be provided to him.1.Which of the following is an assumption made in the argument above?	A. Asif is a dull student. B. Pocket money of his brother Rafaqit is more. C. Money has no importance in Asif's life. D. Asif like expensive coloured books. E. Asif is a greedy boym,and demand more money from his father.
24	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?	A. Fatima was born either in NWFP or in Punjab. B. Some people born in NWFP are citizen of Pakistan. 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.
25	A school is introducing a new testing system.To test the system,three trainers (Latif,Mehak and Osaf) and three dogs (Lottie,Muts and Ony) are assigned to three different rooms,one trainer,and one dog per room.The Initial assignment is as follows:Room1 : Latif and LottieRoom2 : Mehak and MutsRoom3 : Osaf and OnyThe participants have learned five different commands,each of which they will execute as soon as the command is given.Command A requires the trainer in Room 1 to move to Room 2,the trainer in Room 2 to move to Room 3,and the trainer in Room 3 to move to Room 1.Command B requires the dogs in Room 1 and 2 to change places.Command C requires the dogs in Room 2 and 3 to change places.Command D requires the dogs in Room 3 and 1 to change places.Command E requires each of the dogs to go to the room containing the trainer it was matched with in the initial assignment.Q-Which of the following sequences of commands could result in a final arrangement in which Mehak and Ony are in Room 1.Osaf and Muts are in Room 2,and Latif and Lottie are in Room 3?	A. D,A,B B. A,C,D C. A,E,C,A D. A,D,A,B E. B,D,A,A
26	A school is introducing a new testing system.To test the system,three trainers (Latif,Mehak and Osaf) and three dogs (Lottie,Muts and Ony) are assigned to three different rooms,one trainer,and one dog per room.The Initial assignment is as follows:Room1 : Latif and LottieRoom2 : Mehak and MutsRoom3 : Osaf and OnyThe participants have learned five different commands,each of which they will execute as soon as the command is given.Command A requires the trainer in Room 1 to move to Room 2,the trainer in Room 2 to move to Room 3,and the trainer in Room 3 to move to Room 1.Command B requires the dogs in Room 1 and 2 to change places.Command C requires the dogs in Room 2 and 3 to change places.Command D requires the dogs in Room 3 and 1 to change places.Command E requires each of the dogs to go to the room containing the trainer it was matched with in the initial assignment.Q-Which of the following sequences of commands will yield a final arrangement in which Osaf and Lottie are in Room 2?	A. B,C,A B. B,A,A C. D,A,E D. B,C,E,A E. D,A,A,B
27	A school is introducing a new testing system.To test the system,three trainers (Latif,Mehak and Osaf) and three dogs (Lottie,Muts and Ony) are assigned to three different rooms,one trainer,and one dog per room.The Initial assignment is as follows:Room1 : Latif and LottieRoom2 : Mehak and MutsRoom3 : Osaf and OnyThe participants have learned five different commands,each of which they will execute as soon as the command is given.Command A requires the trainer in Room 1 to move to Room 2,the trainer in Room 2 to move to Room 3,and the trainer in Room 3 to move to Room 1.Command B requires the dogs in Room 1 and 2 to change places.Command C requires the dogs in Room 2 and 3 to change places.Command D requires the dogs in Room 3 and 1 to change places.Command E requires each of the dogs to go to the room containing the trainer it was matched with in the initial assignment.Q.Which of the following commands or series of commands will yield a final arrangement in which Ony is in Room 2?	A. One call of A. B. Two calls of B. C. Two calls of A followed by one call of E. D. Two calls of A followed by one call of D. E. Two calls of B followed by one call of D.
28	A school is introducing a new testing system.To test the system,three trainers (Latif,Mehak and Osaf) and three dogs (Lottie,Muts and Ony) are assigned to three different rooms,one trainer,and one dog per room.The Initial assignment is as follows:Room1 : Latif and LottieRoom2 : Mehak and MutsRoom3 : Osaf and OnyThe participants have learned five different commands,each of which they will execute as soon as the command is given.Command A requires the trainer in Room 1 to move to Room 2,the trainer in Room 2 to move to Room 3,and the trainer in Room 3 to move to Room 1.Command B requires the dogs in Room 1 and 2 to change places.Command C requires the dogs in Room 2 and 3 to change places.Command D requires the dogs in Room 3 and 1 to change places.Command E requires each of the dogs to go to the room containing the trainer it was matched with in the initial assignment.Q-If the participants in the initial assignment are given exactly one command,command A,which of the following will be true in the resulting arrangement?	A. Osaf and Muts will be in the same room. B. Mehak will be in room 3. C. Mehak and Lottie will be in the same room. D. Latif will be in Room 3.
	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	

29	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 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-If a member of the consumer complaint department is given a letter that he or she had previously given to some other member of the department,the person who is given the letter a second time could be?	A. A B. B C. D D. E E. F
30	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 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 letter that reaches F must have been given to a minimum of how members of the customer complaint department before reaching F?	A. 5 B. 4 C. 3 D. 2 E. 1
31	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 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.Any letter that reaches F must have been previously given to?	A. A B. B C. C D. D E. E
32	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 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.A blue letter could reach F via which of the following sequences of people?	A. A to B to E B. A to C to D C. A to D to E D. C to B to D E. C to A to D to E
33	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 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?	A. A forwards a red letter to C 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
34	Study of many events have shown that families who install smoke detectors and own fire extinguishers have a reduced risk of losing a child in a house fire.Therefore,no family who installs smoke detectors and owns a fire extinguisher will lose a child in a house fire.Q-Which of the following the best criticism of the argument does not?	A. It differentiate between the two cause of house fires:cooking and heating. B. Take into account that families who buy smoke detectors are also more likely to purchase fire insurance. C. Take into account the possibility of losing a child in a house fire despite all precautionary measures. D. Cite the fact that smoke detectors have proven to be effective in waking sleeping children during a house fire. E. Indicate that fire extinguishers are effective during early stage of fire.
35	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