GAT-C Agriculture, Veterinary, Biological & Related Science Analytical

Sr	Questions	Answers Choice
1	Each of the following problems has a question and two statements which labeled 1 and 2.Use the data given in 1 and 2 together with other information given in the statement,and find a correct answer by using basic mathematics and and everyday facts.Q-In Lahore Zoo,there are 37 deer.How many small black deer are there?1. 12 of deer are small.2. There are 20 black deer in the Zoo.	A. Statement 1.ALONE is sufficient but 2. ALONE is not sufficient to answer this question. B. Statement 2.ALONE is sufficient but 1.ALONE is not sufficient to answer this question, C. Statements 1 and 2.TOGETHER are sufficient to answer the question but NEITHER of them is sufficient ALONE. D. Statements 1 and 2 COMBINED are not sufficient to answer the question and additional information is needed to find the correct answer.
2	Each of the following problems has a question and two statements which labeled 1 and 2.Use the data given in 1 and 2 together with other information given in the statement,and find a correct answer by using basic mathematics and and everyday facts.Q-If M > N and O >P,then,M + O > N +P. Is S > T?1. S + A > T + B2. A > B	A. Statement 1.Alone is sufficient but 2. ALONE is not sufficient to answer this question. B. Statement 2.ALONE is sufficient but 1.ALONE is not sufficient to answer this question, C. Statements 1 and2.COMBINED are sufficient to answer the question but NEITHER of them is sufficient ALONE. D. Statements 1 and 2 COMBINED are not sufficient to answer the question and additional information is needed to find the correct answer.
3	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 AthroughF. 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 markedE, 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.Fauziarequires non-smoker neighbors. Unless specifically stated all the employees maintain an atmosphere of silence during office hours. Q: The three employees who are smokers should be seated in the offices	A. A,B and D B. B,C and F C. A,B and E D. A, B and C
4	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.
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, D is to be shown earlier than A, then for which of the following is exactly the one position from first through fifth in which it can be scheduled to be shown?	A. A B. B C. C D. D E. E
6	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 AthroughF. 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 markedE, 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.Fauziarequires non-smoker neighbors. Unless specifically stated all the employees maintain an atmosphere of silence during office hours. Q: The ideal office for Mr.Mujahid would be	A. B B. F C. A D. C E. D
	A school is introducing a new testing system.To test the system,three trainers (Latif,Mehak	

7	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
8	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, C is shown earlier than E, which among the following will hold true?	A. A is the second film shown B. B is the second film shown C. C is the third film shown D. D is the fourth film shown E. E is the fourth film shown
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 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
10	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
11	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 spoke immediately after L and immediately before O, and O was not the last speaker Lspoke	A. second B. third C. fourth D. sixth
12	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.
13	The principal of a college is forming a committee.There are to be five members:three teachers,chosen from Mr A,Mr C, Mr.D, Mr E; and two students,chosen from L,M,N and O. The composition of the committee must conform the following conditions:Q-Mr.A will serve only if O is also on the committee.Mr C will not serve unless Mr.B and L also serve.Neither Mr.D nor Mr.E will serve without the other.If M serves,either N nor O can serve.which of the following is an acceptable committee?	A. A,C,D,E,L B. B,C,E,L,M C. B,D,E,L,O D. C,D,E,L,M E. D,E,L,M,N
	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 one living in his or her own cottage. There are no others staying in the same row of houses. I Ayesha, Tahir, and Javed do not want to stay in any cottage, which is at the end of the row. II Elena and Ayesha are unwilling to stay besides any occupied cottage. III Kiran is next to Pervaiz and Javed.	A. I only B. II only

14	III Kiran is next to Pervaiz and Javed. IV Between Ayesha and Javed's cottage there is just one vacant house. V None of the girls occupies adjacent cottages. VI The house occupied by Tahir is nest to an end cottage. Q: Which among these statement(s) are true? I Ayesha is between Elena and Javed II At the most four persons can have occupied cottages on either side of them III Tahir stays besides Pervaiz	B. II only C. I and III only D. II and III only
15	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 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	A. first B. second C. third D. fourth E. fifth
16	Light bulbs that emit lower-intensity light save energy by requiring less electricity.Therefore,If homeowners use only low-intensity light bulbs,their electric bills will decrease.Q-Which of the following represents a necessary assumption for the above argument?	A. Low-intensity light bulbs are less expensive than more standard light bulbs. B. By lowering electricity use,homeowners can help decrease pollution levels in their communities. C. The low-intensity light bulbs are as effective in providing light as standard light bulbs. D. Homeowners are always concerned with lowering their utility bills.
17	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: Among the following, the addition of which combination would make a brand containing two parts Novajana and one part Piask confromable with the conditions.	A. One part Livana B. One part Mathia C. Two parts Novajana D. One parts Oxia E. Two parts Piask
18	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.
19	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 onescout 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:Which of the following statements CANNOT be true?	A. The group includes more females than males B. The group includes fewer helpers than strikers C. The group includes more strikers than defenders D. More of the scouts have learned to revert than to attack E. More of the scouts have learned to attack than to revert
20	In a city, police commissioner planed to educate the citizens the traffic rules. He arranged a separate department and appointed senior staff members as instructors. Students in this class are required to meet the chief instructor once per term. The chief instructor offers meeting times on one day, one meeting time in the morning, one in the afternoon, and one in the evening. The students in the class this term are Farid, Gia, Hamid, Javed, Kamran, Lubna, Majeed, and Nargis. The meetings with the chief instructor must conform to the following conditions: The chief instructor will not meet with only one student at a time. The chief instructor must meet with at least one student in each of the available meeting times. ',arid and Javed cannot attend the same meeting. Kamran and Majced cannot attend the same meeting. If Gia attends the morning meeting, then Kamran must attend the evening meeting. If Javed attends the afternoon meeting, then Hamid must attend the afternoon meeting. The	A. Farid meets in the evening B. Hamid meets in the afternoon C. Javed meets in the afternoon D. Nargis meets in the evening E. Majeed meets in the afternoon

attends the afternoon meeting, then Hamid must attend the afternoon meeting. The number of students who meet in the morning must be the same as the number of students who meet in the evening.
Q:If Gia and Lubna are the only students who meet in the morning, then which of the following CANNOT be true?