

GAT-B Arts, Humanities & Social Science Analytical

Sr	Questions	Answers Choice
1	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
2	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
3	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. (Represent the person with first letter of his name) Q:Among the following statements, which statement must be true?	A. In case the second speaker was a captain was a first mate B. In case the second speaker was a first mate, the seventh speaker was a captain C. In case the third speaker was a first mate, the seventh speaker was a captain D. In case the third speaker was a captain, the seventh speaker was a first mate E. In case the seventh was a first mate, the first and third speakers were captains
4	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.
5	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
6	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.
7	All good athletes want to win, and all athletes who want to win eat a well-balanced diet, therefore, all athletes who do not eat a well-balanced diet are bad athletes. Q-Which of the following if true, would refuse the assumptions of the argument above?	A. Fatima wants to win, but she is not a good athlete. B. Rizwan, the accountant, eats a well-balanced diet, but he is not a good athlete. C. All the players on the Zeeshan baseball team eat a well-balanced diet. D. No athlete who does not eat a well-balanced diet wants to win. E. Sonia, the basketball star, does not eat a well-balanced diet, but she is a good athlete.
	The microwave oven has become a standard appliance in many	A. Those homeowners in doubt, about microwave safety ought not to purchase microwaves.

homeownersbelievethat the ovens are still not completely may be unsafe. 8 safe.Microwave,therefore,should not be a standard appliance until C. Research and testing of home appliances seldom reveals they are more carefully researched and tested Q-Which of the safety hazards. following if true would most weaken the conclusion of the passage D. Microwaves are not as dangerous as steam iron, which are used in almost every home. above? E. Homeowners often purchase items that they do not need. 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 A. One part Livana, one part Piask contains Novajana as well as Oxia. Oxia and Piask should not be used B. Two parts Mathia, two parts Livana 9 together. A blend containing Piask should contain it in such a C. Three parts Novajana, three parts Livana proportion that the total amount of Piask present should be greater D. Four parts Oxia, four parts Mathia than the total amount of the other tea leaves. Q:Among the following which is an acceptable brand in accordance with the rules? Two statements, labeled X and Y, follow each of the following A. Statement X.Alone is sufficient but Y. Alone is not sufficient questions. The statements contain certain information. In the questions to answer this question. B. Statement Y, Alone is sufficient but X, Alone is not sufficient 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 to answer this question. C. Statement X and Y,TOGETHER are sufficient to answer the 10 sufficient to find a correct answer by using basic mathematics and everyday facts.Q-In a B.Sc class at G.C University,40 boys and 15 question but NEITHER of them is sufficient Alone. girls registered for Calculate and Analytical geometry How many boys D. Statements X and Y COMBINED are NOT sufficient to passed the course?X.7 students could not pass.Y.There were 3 girls answer the question and additional information is needed to who obtained A grade. find the correct answer 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 B. 4 11 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 both Z and O are moved to the new office, how many combinations are possible? A carrier must deliver mail by making a stop at each of six buildings: S,T,U,V,W and X,Mail to be delivered are of two types,ordinary mail and priority mail. The delivery of both types of mail is subject to the following conditions:Regardless of the type of mail to be delivered mail A. S,T,W,X,V,U to W and mail to X must be delivered, mail to W and mail to X must be B. T,S,V,W,X,U delivered before mail to U is delivered, Regardless of the type of mail 12 to be delivered, mail to T and mail to S must be delivered before mail D. U,T,X,W,S,V to X is delivered. Mail to buildings receiving some priority mail must be E. X,T,U,W,S,V delivered, as far as the above conditions permit, before mail to buildings receiving only ordinary mail.Q- If T,U and X are each receiving priority mail, which of the following lists the buildings in an order, from first through sixth, in which they can receive mail? A city map representing roads M,N,O,P,Q and R.Link roads cannot A. N have the same colour in the map. The roads link to each other are as B. P under:Each M.N.P and Q has link to O.P has a link to Q.Each of M and 13 C. Q N has a link to R.Which of the following roads can be the same colour as O on the map? 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---A. March Akhter, Bilal, Chohan, Fraz, Hamid and Noman--to serve as acting chairman during one of these months. The physicists can decide the B. April 14 order in which they will serve, subject only to the following criteria C. January D. February established by the dean.i. Chohan will serve as chairman in E. June February.ii.Akhter will serve as chairman before Hamid does.iii.Bilal and Fraz will serve as chairman in consecutive months.Q-If Bilal serves in May, what is the latest month in which Akhter, could serve? 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

A. I only

B. Homeowners, often purchase items despite knowing they

kitchens, mainly because it offers a fast way of cooking food, You some

B. I and II only sent together to the new office as a team 15 C. II only II C and E function well alone but guarrel when work together so, D. I and III only 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 IC cannot go II A cannot go III H must also go 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 A. One part Livana contains Novajana as well as Oxia. Oxia and Piask should not be used B. One part Mathia together. A blend containing Piask should contain it in such a C. Two parts Novajana 16 proportion that the total amount of Piask present should be greater D. One parts Oxia than the total amount of the other tea leaves. E. Two parts Piask 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. 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 A. Morning: Farid, Gia, afternoon, and one in the evening. The students in the class this term Nargis; Afternoon: Hamid: Javed; Evening: Kamran, Lubna, Majeed are Farid, Gia, Hamid, Javed, Kamran, Lubna, Majeed, and Nargis. B. Morning: Javed; Afternoon: Farid, Gia, Hamid, Lubna, The meetings with the chief instructor must conform to the following Majeed, Nargis; Evening: Kamran C. Morning: Gia, Majeed; Afternoon: Hamid, laved, Lubna, Nargis; Evening: Farid, Kamran conditions: The chief instructor will not meet with only one student at a 17 time. The chief instructor must meet with at least one student in each of the available meeting times. ',arid and Javed cannot attend the D. Morning: Hamid; Lubna, Nargis; Afternoon: Farid, Gia, same meeting. Kamran and Majced cannot attend the same meeting. Kamran; Evening: Javed, Majeed If Gia attends the morning meeting, then Kamran must attend the E. Morning: Farid, Gia; Hamid; Afternoon: Javed, Majeed; evening meeting. If Javed attends the afternoon meeting, then Hamid Evening: Kamran, Lubna, Nargis 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: Which of the following is an acceptable arrangement of student meetings? 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 A. ABDEH chain smoker and C is allergic to smoking and should not be 18 sent together to the new office as a team C. ABEFH II C and E function well alone but quarrel when work together so, D. ABEGH 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 N Since D and F have been competing for promotion they shouldn't be a team. Q: A majority of directors favored A to work as an accountant in the new office which of the following cannot be a possible working unit. 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 B. B resolved by the person to whom it is given, it must be forwarded until it 19 reaches someone who can resolve the problem and answer the D. D 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?

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
- 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.