

GAT-B Arts, Humanities & Social Science Analytical

Sr	Questions	Answers Choice
1	<p>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-Each of the following possible EXCEPT:</p>	<p>A. Cheema has his duty on Thursday B. Babar has his duty on Thursday C. Dar has his duty on Saturday <b style="color: green;">D. Babar has his duty on Sunday E. Ali has his duty on Sunday</p>
2	<p>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.</p>	<p>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. <b style="color: green;">D. Statements 1 and 2 COMBINED are not sufficient to answer the question and additional information is needed to find the correct answer.</p>
3	<p>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 to W and mail to X must be delivered,mail to W and mail to X must be delivered before mail to U is delivered,Regardless of the type of mail to be delivered,mail to T and mail to S must be delivered before mail to X is delivered.Mail to buildings receiving some priority mail must be delivered,as far as the above conditions permit,before mail to buildings receiving only ordinary mail.Q-If the sequence of buildings to which mail is delivered is V,W,T,S,X,U and if X is receiving priority mail,which of the following is a complete and accurate list of buildings that must also be receiving priority mail?</p>	<p>A. V,T <b style="color: green;">B. V,W C. W,T D. W,U E. V,W,T,S</p>
4	<p>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-The model R is one model not selected for the street,then the other model NOT selected must be which of the following?</p>	<p>A. L <b style="color: green;">B. M C. N D. O E. P</p>
5	<p>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?</p>	<p>A. 5 <b style="color: green;">B. 4 C. 3 D. 2 E. 1</p>
6	<p>During practice matches,before a major tournament,in a football ground,one team can practice at a time.There are seven teams-- the Argentine,the Brazil the Senegal,the Dubai,the England,the France and the Germany,The football ground is open seven evenings a week from Monday to Sunday (Sunday being considered the last day of the week),and the allocation of the practice times is governed by the following rules:i.On any evening only one team can play.ii.The Argentine must practice on Monday.iii.The Dubai practice exactly one day before the France practice.iv,The France practice exactly one day before the Germany practice.v.The Senegal and the Brazil must practice earlier in the week than the England.Q-On week,the Senegal practiced on Wednesday and the Dubai practiced the next day,That week,the Brazil must have practiced on?</p>	<p>A. Monday <b style="color: green;">B. Tuesday C. Friday D. Saturday E. Sunday</p>
	<p>In a room,six people,P,Q,R,S,M and N are seated about a round</p>	<p>A. The linear distance from S to R is greater than the linear distance from N to M. B. The linear distance from P to Q is equal to the linear distance from M to N.</p>

7	table. Every chair is placed equidistant from adjacent chairs. 1.M is seated next to R. 2.S is seated 3 seats from R. 3.P is seated 2 seats from N. Q-Which of the following is necessarily true?	<p>C. The linear distance from K to M is equal to the linear distance from P to S.</p> <p>D. The linear distance from M to Q is equal to the linear distance from P to M.</p> <p>E. The linear distance from R to S is equal to the linear distance from P to Q.</p>
8	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-In a B.Sc class at G.C University, 40 boys and 15 girls registered for Calculate and Analytical geometry. How many boys passed the course? X. 7 students could not pass. Y. There were 3 girls who obtained A grade.	<p>A. Statement X Alone is sufficient but Y. Alone is not sufficient to answer this question.</p> <p>B. Statement Y, Alone is sufficient but X, Alone is not sufficient to answer this question.</p> <p>C. Statement X and Y, TOGETHER are sufficient to answer the question but NEITHER of them is sufficient Alone.</p> <p>D. Statements X and Y COMBINED are NOT sufficient to answer the question and additional information is needed to find the correct answer</p>
9	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 N) are sports teachers whereas the other four (P, Q, R and S) 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 representative then L cannot be a representative. Q-If P is a representative then which of the following CANNOT be a representative?	<p>A. M</p> <p>B. N</p> <p>C. Q</p> <p>D. R</p>
10	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?	<p>A. Y and T</p> <p>B. X and U</p> <p>C. Y, X and W</p> <p>D. W, V and U</p> <p>E. Z, X, U and R</p>
11	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 the argument above?	<p>A. Pilots are more trained than car drivers are.</p> <p>B. Speed of car is lesser than that of planes.</p> <p>C. The number of car accidents is several thousand times higher than the number of plane accidents.</p> <p>D. Car carriers less number of passengers.</p> <p>E. Planes are inspected by experienced engineers before flying.</p>
12	In a city, police commissioner planned 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. Farid and Javed cannot attend the same meeting. Kamran and Majeed 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 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?	<p>A. Morning: Farid, Gia, Nargis; Afternoon: Hamid, Javed; Evening: Kamran, Lubna, Majeed</p> <p>B. Morning: Javed; Afternoon: Farid, Gia, Hamid, Lubna, Majeed, Nargis; Evening: Kamran</p> <p>C. Morning: Gia, Majeed; Afternoon: Hamid, Javed, Lubna, Nargis; Evening: Farid, Kamran</p> <p>D. Morning: Hamid; Lubna, Nargis; Afternoon: Farid, Gia, Kamran; Evening: Javed, Majeed</p> <p>E. Morning: Farid, Gia; Hamid; Afternoon: Javed, Majeed; Evening: Kamran, Lubna, Nargis</p>
13	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 five 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-How many acceptable groupings of articles include O?	<p>A. One</p> <p>B. Two</p> <p>C. Three</p> <p>D. Four</p> <p>E. Five</p>
14	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 to the following conditions: Q-In how many different ways can the principal select an acceptable committee?	<p>A. Less than 3</p> <p>B. 3</p> <p>C. 7</p> <p>D. More than 7</p> <p>E. 5</p>
15	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 five published articles must be dance articles. If O is chosen, then Y cannot be. If L is chosen, then O must also be chosen. If Y is not chosen for the issue, which of the following must be chosen?	<p>A. L</p> <p>B. M</p> <p>C. N</p> <p>D. O</p> <p>E. W</p>

A. It is true that it is against the police department's policy to

- 16 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?
- negotiate with kidnapers. 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.
-
- 17 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 black-- 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- The maximum number of wires that can be used in an acceptable is?
- A. 6
 B. 7
 C. 8
 D. 5
 E. 4
-
- 18 In a room, six people, P, Q, R, S, M and N are seated about a round table. Every chair is placed equidistant from adjacent chairs. 1. M is seated next to R. 2. S is seated 3 seats from R. 3. P is seated 2 seats from N. If P refuse to sit next to M, which necessary follows? I. N must sit next to M. II. Q and R are two seats apart. III. Q and S are both next to N.
- A. I only
 B. II only
 C. III only
 D. I and II only
 E. II and III only
-
- 19 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- 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 not sufficient to answer the question and additional information is needed to find the correct answer.
-
- 20 In a shopping mall, six steps lead from the first to the second floor. Four people A, B, C, and D are to go from first floor to the second floor following the rules given below. No two people can be on the same step. A is two steps below C. B is a step next to D. Only one-step is vacant (No one standing on that step). Denote the first step by step I and second step by step 2 etc.
 Q: If E was on the third step and B was on a higher step than E which step must be vacant
- A. step 1
 B. step 2
 C. step 4
 D. step 5
 E. step 6