

GAT-B Arts, Humanities & Social Science Analytical

Sr	Questions	Answers Choice
1	<p>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-If exactly one black wire and exactly one orange wire are used in an assembled cable,which of the following must be true?</p>	<p>A. The cable contains no more than five wires. B. The cable contains a purple wire. C. The cable does not contain a pink wire. D. The cable does not contain a red wire. E. The cable contains exactly six wires.</p>
2	<p>I All A's are B's II All A's are C's or D's III All C's and D's are A's IV All E's are D's V All G's are F's VI No F's are A's Q: Which of the following is inconsistent with one or more conditions</p>	<p>A. All B's are A's B. All B's are F's C. Some B's are both F's and A's D. No F's are B's</p>
3	<p>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?</p>	<p>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.</p>
4	<p>On a factory control room, there are three ON-OFF switches on central control panel, labeled A,B, and C. They are changed from default setting to a required setting based on the following rules: In case only switch A is ON in the default setting, then turn switch B ON. 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:Which of the following is not conformable to the rules</p>	<p>A. A born B type male doing job in R type B. Daughter of born B type retired male is doing job in B type C. Son of born B type retired male is doing job in R type D. Son of on job born B type male is working job in B type E. A born B type male whose wife is of R type is doing job in B type</p>
5	<p>The microwave oven has become a standard appliance in many kitchens,mainly because it offers a fast way of cooking food.You some homeowners believe that the ovens are still not completely safe.Microwave,therefore,should not be a standard appliance until they are more carefully researched and tested.Q-Which one of the following,if true,would most strengthen the conclusion of the passage above?</p>	<p>A. Modern homeowners have more free time than ever before. B. Food preparation has become almost a science,with more complicated and involved recipes. C. Homeowners often doubt the advertised safety of all new appliances. D. Many microwave ovens have been found to leak radioactive elements. E. Speed of food preparation is not the only concern of today's homeowner.</p>
6	<p>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 one scout 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:If four of the scouts are male and four of the scouts are female, all of the following must be true EXCEPT:</p>	<p>A. One of the scouts is a striker B. Four of the scouts are defenders C. Three of the scouts are helpers D. Three of the scouts have learned to revert E. Four of the scouts have learned to attack</p>
		<p>A. Those homeowners in doubt,about microwave safety ought</p>

7	<p>The microwave oven has become a standard appliance in many kitchens, mainly because it offers a fast way of cooking food. You, some homeowners believe that the ovens are still not completely safe. Microwave, therefore, should not be a standard appliance until they are more carefully researched and tested. Q-Which of the following if true would most weaken the conclusion of the passage above?</p>	<p>not to purchase microwaves. B. Homeowners, often purchase items despite knowing they may be unsafe. C. Research and testing of home appliances seldom reveals safety hazards. D. Microwaves are not as dangerous as steam iron, which are used in almost every home. E. Homeowners often purchase items that they do not need.</p>
8	<p>I All A's are B's II All A's are C's or D's III All C's and D's are A's IV All E's are D's V All G's are F's VI No F's are A's Q: If no P's are D's which of the following must be true</p>	<p>A. No P is an A B. No P is an B C. If any P is an B it is an A D. If any P is an A it is a C</p>
9	<p>Which of the following can be logically deduced from the stated conditions</p>	<p>A. No F's are B's B. No B's are F's C. Some F's are B's D. No G's are A's</p>
10	<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 selected 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- Which of the following is an acceptable combination of models that can be selected for the street?</p>	<p>A. L, M, N, P, Q B. L, M, P, Q, R C. L, N, P, Q, R D. M, N, O, P, Q E. N, O, P, Q, R</p>
11	<p>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's II. No Y's are P's III. No Z's are R's IV. No Y's are Q's</p>	<p>A. I only B. II only C. III only D. IV only E. I and IV only</p>
12	<p>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 1 and second step by step 2 etc. Q: If A is one the first step, which of the following is true?</p>	<p>A. B is on the second step B. C is on the fourth step C. E could be on the third step D. D is on higher step than C</p>
13	<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. A blue letter could reach F via which of the following sequences of people?</p>	<p>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</p>
14	<p>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- Captain of national hockey team should be the most popular member of the team. Who is the captain of Pakistan's national hockey team? X. Saqlain is the best player on the team. Y. Junaid is the senior-most member.</p>	<p>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 COMBINED are NOT sufficient to answer the question and additional information is needed to find the correct answer</p>
15	<p>Nine athletes attend a sports banquet at Iqbal Stadium, Lahore. Three of the athletes--A, B and C--are varsity football players, two of the athletes--D and E--are varsity basketball players. The other four athletes--L, M, N, and O--belong to the hockey club. All nine athletes will be seated at three small tables, each seating three athletes. The athletes must be seated according to the following rules: L and A do not sit at the same table. M sits together with at least one of B or D. There can be at most only one football player at a table. There can be at most only one basketball player at a table. Q-A and D are seated at one table. Which of the following are possible seating arrangements for the remaining two tables?</p>	<p>A. B with L and O, C with E and M B. B with M and N, C with L and O C. B with O and D, E with N and O D. C with E and L, B with N and O E. L with M and N, B with E and O</p>
		<p>A. Immediate success of books is quickly forgotten.</p>

16	Ishfaq Ahmed disparaging reviews of the book call his abilities as a critic into question since the book became an immediate best-seller. Which of the following, if true, would most weaken the author's questioning of Ashfaq's critical ability?	<p>B. Book critics often disagree with each other.</p> <p>C. Sales of a book are not always indicative of its value.</p> <p>D. Critics often change their views about books.</p> <p>E. The significance of a book is not known for years.</p>
17	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 S is the only building receiving priority mail, which of the following lists the buildings in an order, from first through sixth, in which they can receive their mail?	<p>A. T, S, W, X, V, U</p> <p>B. S, T, W, U, X, V</p> <p>C. S, T, W, U, X, V</p> <p>D. S, W, T, X, V, U</p> <p>E. V, S, T, W, X, U</p>
18	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>A. V, T</p> <p>B. V, W</p> <p>C. W, T</p> <p>D. W, U</p> <p>E. V, W, T, S</p>
19	Each of the following problems has a question and two statements which are 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 everyday facts. Q- If $M > N$ and $O > P$, then, $M + O > N + P$. Is $S > T$? 1. $S + A > T + B$. 2. $A > B$	<p>A. Statement 1 ALONE is sufficient but 2 ALONE is not sufficient to answer this question.</p> <p>B. Statement 2 ALONE is sufficient but 1 ALONE is not sufficient to answer this question.</p> <p>C. Statements 1 and 2 COMBINED are sufficient to answer the question but NEITHER of them is sufficient ALONE.</p> <p>D. Statements 1 and 2 COMBINED are not sufficient to answer the question and additional information is needed to find the correct answer.</p>
20	<p>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</p> <p>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</p> <p>II C and E function well alone but quarrel when work together so, they should be sent to the new office as a team</p> <p>III D and G have not been on speaking terms and shouldn't go together</p> <p>IV Since D and F have been competing for promotion they shouldn't be a team.</p> <p>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.</p>	<p>A. ABDEH</p> <p>B. ABDGH</p> <p>C. ABEFH</p> <p>D. ABEGH</p>