

## GAT-B Arts, Humanities & Social Science Analytical

Sr	Questions	Answers Choice
1	<p>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.</p> <p>Q: If Javed and Kamran meet in the afternoon, which of the following must be true?</p>	<p>A. Farid attends the morning meeting            B. Majeed attends the afternoon meeting            C. Lubna attends the afternoon meeting            D. Exactly three people attend the morning meeting  <b>E. Exactly four people attend the afternoon meeting</b></p>
2	<p>Khan Fast Foods serves lunch Tuesday through Sunday. The restaurant is closed on Monday. Mutton karahi, chicken karahi, korma, fish fried, and vegetable are served each week based on the following conditions: Chicken karahi is served on three days each week, but never on Friday. Korma is served on one day each week. Fish fried is served on three days each week, but never on consecutive days. Chicken karahi and mutton karahi are both served on Saturday and Sunday. Vegetable is served five days each week. No more than three different foods are served on any given day.</p> <p>Q: On which of the following pairs of days could the restaurant's menu of foods be identical?</p>	<p>A. Friday and Sunday            B. Tuesday and Wednesday            C. Saturday and Sunday  <b>D. Wednesday and Friday</b>            E. Thursday and Friday</p>
3	<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.</p> <p>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  <b>E. Four of the scouts have learned to attack</b></p>
4	<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-3. If an orange wire and a pink wire must be among the wires chosen for a particular cable, any of the following pairs of wires could complete the cable EXCEPT a?</p>	<p>A. Black wire and a second orange wire.            B. Purple wire and a second orange wire.            C. Purple wire and a black wire            D. Red wire and a purple wire  <b>E. Red wire and a black wire.</b></p>
5	<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.</p> <p>Q: If there were two steps between the step that A was standing and the step that B was standing on, and A was on a higher step than D. A must be on step</p>	<p>A. 2            B. 3  <b>C. 4</b>            D. 5            E. 6</p>
6	<p>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 A through F. 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 marked E, 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. Fauzia requires non-smoker neighbors. Unless specifically stated all the employees maintain an atmosphere of silence during office hours.</p>	<p>A. Mrs. Fauzia            B. Mr. Mujahid            C. Mr. Shahid  <b>D. Mr. Abid</b></p>

Q: The ideal candidate to occupy the office farthest from Mr.Zahid would be

- 7 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 in the department---Akhter, Bilal, Chohan, Fraz, Hamid and Noman--to serve as acting chairman during one of these months. The physicists can decide the order in which they will serve, subject only to the following criteria established by the dean. i. Chohan will serve as chairman in February. ii. Akhter will serve as chairman before Hamid does. iii. Bilal and Fraz will serve as chairman in consecutive months. Q-Which of the following CANNOT be true?
- A. Akhter and Noman serve in consecutive months  
B. Noman and Hamid serve in consecutive months  
C. Hamid and Fraz serve in consecutive months  
D. Akhter and Chohan serve in consecutive months  
E. Bilal and Chohan serve in consecutive months
- 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, 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
- 9 Two or more tea leaves 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 which is an acceptable brand in accordance with the rules?
- A. One part Livana, one part Piask  
B. Two parts Mathia, two parts Livana  
C. Three parts Novajana, three parts Livana  
D. Four parts Oxia, four parts Mathia
- 10 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-Which of the following must be true?
- A. A is sitting with a basketball player.  
B. Exactly one hockey player is sitting at C's table.  
C. No hockey players sit at one table.  
D. A basketball player is sitting with L.  
E. A football player sits with two hockey players.
- 11 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
- 12 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-If model M is one of the models selected for the street, then which of the following models must also be selected?
- A. L  
B. O  
C. P  
D. Q  
E. R
- 13 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?
- A. Immediate success of books is quickly forgotten.  
B. Book critics often disagree with each other.  
C. Sales of a book are not always indicative of its value.  
D. Critics often change their views about books.  
E. The significance of a book is not known for years.
- 14 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. Q-Which of the following must be true? I. P must be seated next to Q. II. P must be seated next to S. III. M and Q are separated by one seat.
- A. I only  
B. II only  
C. III only  
D. II and III only  
E. Neither I, II or III
- 15 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.  
In case switches A and B are the only switches ON in the default setting, then turn switch C ON. In case all the three switches are ON, in default setting, then turn the switch C OFF. For any other default setting turn ON all switches that are OFF and turn
- A. AON, BON, CON  
B. AON, BON, COFF  
C. AOFF, BOFF, CON  
D. AOFF, BOFF, COFF  
E. AOFF, BOFF, COFF

OFF all switches,if any, that are ON.

Q:In case only switch B is ON in the default setting, what must be the second setting?

15. A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z

16	<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-Which is inconsistent with the above set of statements?I. Some Z's are P'sII. Some Z's are Q'sIII Some Z's are neither P's nor Q'sIV.All Y's are P'sV.Some Z's are Y's</p>	<p>A. I and V only B. II and V only C. II and III only D. IV only E. V only</p>
17	<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: If C and F are switched to the new office, how many combination are possible</p>	<p>A. 1 B. 2 C. 3 D. 4</p>
18	<p>The primary evil of today's society is selfishness.People are concerned only with themselves.Personal advancement is the sole motivating force in our world.This is not to say that individuals are never 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-To fill in the blanks in the above passage,select one of the options from the below mentioned options?</p>	<p>A. We are always trying to undermine other's endeavours. B. My uncle Hamid used to help me with my math homework. C. No one can be trusted,not even close friends. D. There are many occasions when we graciously offer our assistance. E. Our yearning for power prevents us from understanding our existential purpose.</p>
19	<p>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:</p> <p>A must be shown earlier than C. B must be shown earlier than D. E should be the fifth film shown.</p> <p>Q:Which among the following is a pair of films that CANNOT both be shown earlier than E?</p>	<p>A. A and B B. A and D C. B and C D. B and D E. C and D</p>
20	<p>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:</p> <p>A must be shown earlier than C. B must be shown earlier than D. E should be the fifth film shown.</p> <p>Q:Which among the following is an acceptable order for showing the educational films?</p>	<p>A. A, C, B, D, E B. A, C, D, E, B C. B, D, C, A, E D. B, D, E, A, C E. E, B, C, A, D</p>