

GAT-B Arts, Humanities & Social Science Analytical

Sr	Questions	Answers Choice
1	<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-If L, M and P are three of the models selected for the street, then which of the following must be the order two models selected?</p>	<p>A. N and O B. N and Q C. N and R D. O and Q E. Q and R</p>
2	<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: 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?</p>	<p>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</p>
3	<p>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 conformable with the conditions.</p>	<p>A. One part Livana B. One part Mathia C. Two parts Novajana D. One parts Oxia E. Two parts Piask</p>
4	<p>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 which is an acceptable brand in accordance with the rules?</p>	<p>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</p>
5	<p>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: Which of the following order of delivering report is not conformable with the conditions?</p>	<p>A. M, A, N, G, O, L, D B. M, D, N, G, L, O, A C. M, N, A, L, D, O, G D. M, N, A, O, D, L, G E. M, N, G, D, O, L, A</p>
6	<p>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. 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 next 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</p>	<p>A. I only B. II only C. I and III only D. II and III only</p>
7	<p>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</p>	<p>A. March B. April C. January</p>

7	<p>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-If Bilal serves in May,what is the latest month in which Akhter,could serve?</p>	<p>C. January D. February E. June</p>
8	<p>A school is introducing a new testing system.To test the system,three trainers (Latif,Mehak 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 commands or series of commands will yield a final arrangement in which Ony is in Room 2?</p>	<p>A. One call of A. B. Two calls of B. C. Two calls of A followed by one call of E. D. Two calls of A followed by one call of D. E. Two calls of B followed by one call of D.</p>
9	<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: 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 and E are shown as far apart from each other as possible, which among the following would be true?</p>	<p>A. A is shown earlier than B B. B is shown earlier than C C. C is shown earlier than E D. D is shown earlier than A E. E is shown earlier than B</p>
10	<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-The latest day in the week that the Brazil can practice is?</p>	<p>A. Tuesday B. Wednesday C. Thursday D. Friday E. Saturday</p>
11	<p>Two statements,labeled (1) and (2),follow each of the following given questions.The statements contain certain information in the question you do not actually have to compute an answer,rather than you have to decide whether the information given in the statements (1) and (2) is sufficient to find a correct answer by using basic mathematics and everyday fact?Q-What day of the week is today?1.Today is December 25.2 Amjad left Pakistan on Monday.</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. D. Statements 1 and 2 COMBINED are not sufficient to answer the question and additional information is needed to find the correct answer.</p>
12	<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 mathematicsand 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 XAlone 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>
13	<p>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>	<p>A. Y and T B. X and U C. Y, X and W D. W, V and U E. Z,X,U and R</p>
14	<p>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 is necessarily true?</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. C. The linear distance from R to M is equal to the linear distance from P to Q.</p>

seated 2 seats from N.Q-which of the following is necessarily true?

- S.
- D. The linear distance from M to Q is equal to the linear distance from P to M.
- E. The linear distance from R to S is equal to the linear distance from P to Q.

15 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.
Q: The ideal candidate to occupy the office farthest from Mr. Zahid would be

- A. Mrs. Fauzia
- B. Mr. Mujahid
- C. Mr. Shahid
- D. Mr. Abid

16 Six scientists A, B, C, D, E and F are to present a paper each at a one-day conference. Three of them will present their papers in the morning session before the lunch break whereas the other three will be presented in the afternoon session. The presentations have to be scheduled in such a way that they comply with the following conditions:
B should present his paper immediately before C's presentation; their presentations cannot be separated by the lunch break. D must be the first or the last scientist to present his paper.
Q: In case C is to be fifth scientist to present his paper, then B must be

- A. First
- B. Second
- C. Third
- D. Fourth
- E. Sixth

17 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-If N and O are both on the committee who else must be on the committee?

- A. A
- B. B
- C. C
- D. D
- E. L

18 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 everyday facts. Q-How many bulbs does Munir have? 1. He bought two boxes each containing 12 bulbs. 2. He lent three bulbs to Khalid.

- 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.

19 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

20 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-In how many different ways can the principal select an acceptable committee?

- A. Less than 3
- B. 3
- C. 7
- D. More than 7
- E. 5