

## GAT-A Business and Engineering Analytical

Sr	Questions	Answers Choice
1	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 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?	<p>A. 1 B. 4 C. 3 D. 2</p>
2	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 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 M is sent to the new office then which of the following is a possible team?	<p>A. X Y M N P B. Y Z M O Q C. Y Z M N Q D. X Y M N Q</p>
3	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 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 Z is sent to the new office then which member of the staff CANNOT be sent?	<p>A. N B. Y C. O D. P</p>
4	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 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 X is to be moved as one of the book-keepers,which of the following CANNOT be a possible working unit?	<p>A. X Y M N Q B. X Y N O Q C. X Y M P Q D. X Y N P Q</p>
5	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 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 Y insists on staying back then how many combinations are possible?	<p>A. 3 B. 2 C. 1 D. None</p>
6	An English speaking class in a college has a circular table with eleven seats around it.Five girls (Fatima,Maryam,Iram,Sana and Amna)and five boys (Bilal,Najam,Hamza,Osama,Javed) are seated around the table.None of the girls are seated in a seat adjacent to another girl.Fatima sits between Bilal and Najam, and next to each of them Javed does not sit next to Osama.Q-If Maryam,Hamza,Iram,Javed and Najam are seated in that order,which of the following is a correct completion of the seating order after Najam?	<p>A. Fatima,Bilal,Sana,Osama,Amna,empty seats B. Fatima,Bilal,Osama,Sana,empty seat Amna C. Bilal,Amna,Fatima,Osama,Sana,empty seats D. Fatima,Bilal,Amna,Osama,empty seats,Sana E. Fatima,Bilal,Sana,empty seats,Amna,Osama</p>

7	An English speaking class in a college has a circular table with eleven seats around it. Five girls (Fatima, Maryam, Iram, Sana and Amna) and five boys (Bilal, Najam, Hamza, Osama, Javed) are seated around the table. None of the girls are seated in a seat adjacent to another girl. Fatima sits between Bilal and Najam, and next to each of them Javed does not sit next to Osama. Q- If Javed leaves his seat and occupies the empty seat, his new seating position would be between:	A. Bilal and Fatima B. Iram and Najam C. Fatima and Najam D. Osama and Maryam E. Amina and Maryam
8	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- The model R is one model not selected for the street, then the other model NOT selected must be which of the following?	A. L B. M C. N D. O E. P
9	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?	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
10	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?	A. N and O B. N and Q C. N and R D. O and Q E. Q and R
11	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
12	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?	A. Less than 3 B. 3 C. 7 D. More than 7 E. 5
13	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- 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
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- How many different committees could include Mr. A and N?	A. 1 B. 2 C. 3 D. 4 E. 5
15	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- 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
16	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.	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
17	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 runner has just completed 46 miles running. How long did it take him to finish the journey? X. His record speed is 13.2 miles per hour. Y. His average speed through the journey was 9.2	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

	miles per hour.	D. Statements X and Y COMBINED are NOT sufficient to answer the question and additional information is needed to find the correct answer.
18	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>
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?	<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. Statements 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>
20	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-How much time will computer need to solve 150 problems?	<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 TOGETHER are NOT sufficient to answer the question and additional information is needed to find the correct answer.</p>
21	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>A. Cheema has his duty on Thursday</p> <p>B. Babar has his duty on Thursday</p> <p>C. Dar has his duty on Saturday</p> <p>D. Babar has his duty on Sunday</p> <p>E. Ali has his duty on Sunday</p>
22	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-If Cheema has his duty day on Saturday, who must have his duty day on Thursday?	<p>A. Either Ali or Dar</p> <p>B. Dar</p> <p>C. Ali</p> <p>D. Either Babar or Dar</p> <p>E. Babar</p>
23	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- Which of the following is a possible order of duty days for the four operators?	<p>A. Cheema, Dar, Ali and Babar</p> <p>B. Dar, Cheema, Ali and Babar</p> <p>C. Babar, Cheema, Dar and Ali</p> <p>D. Ali, Cheema, Dar and Babar</p>
24	Three women--X, Y, and Z are traveling in a van with five children--A, B, C, D and E. The van has a driver's seat and one passenger seat in the front and two benches behind the front seats, one bench behind the first. Each bench has room for exactly three people. Every one must sit in a seat or on a bench and seating is subject to the following restrictions: A women must sit on each bench. Either X or Y must sit in the driver's seat. C must sit immediately beside E. Q-If Y sits on a bench that is behind where C is sitting which of the following must be true?	<p>E. Ali, Babar, Dar and Cheema</p> <p>A. B sits in a seat or on a bench that is in front of where E is sitting</p> <p>B. D sits in a seat or on a bench that is in front of where A is sitting</p> <p>C. A sits on the same bench as B</p> <p>D. D sits on the same bench as Y</p> <p>E. E sits on the same bench as Z</p>
25	Three women--X, Y, and Z are traveling in a van with five children--A, B, C, D and E. The van has a driver's seat and one passenger seat in the front and two benches behind the front seats, one bench behind the first. Each bench has room for exactly three people. Every one must sit in a seat or on a bench and seating is subject to the following restrictions: A women must sit on each bench. Either X or Y must sit in the driver's seat. C must sit immediately beside E. Q-If A sits immediately beside Z, which of the following CANNOT be true?	<p>A. C sits immediately beside Y.</p> <p>B. D sits immediately beside Z.</p> <p>C. B sits in the front passenger seat.</p> <p>D. A sits on the same bench as B</p> <p>E. B sits on the same bench as X</p>
26	Three women--X, Y, and Z are traveling in a van with five children--A, B, C, D and E. The van has a driver's seat and one passenger seat in the front and two benches behind the front seats, one bench behind the first. Each bench has room for exactly three people. Every one must sit in a seat or on a bench and seating is subject to the following restrictions: A women must sit on each bench. Either X or Y must sit in the driver's seat. C must sit immediately beside E. Q-Which of the following groups of three can sit together on a bench?	<p>A. A, C and E</p> <p>B. A, C and Z</p> <p>C. A, Y and Z</p> <p>D. B, D and Y</p> <p>E. D, E and X</p>
	Three women--X, Y, and Z are traveling in a van with five children--A, B, C, D and E. The van has a driver's seat and one passenger seat in the front and two benches behind the front	A. C

seats, one bench behind the first. Each bench has room for exactly three people. Every one must sit in a seat or on a bench and seating is subject to the following restrictions: A women must sit on each bench. Either X or Y must sit in the driver's seat. C must sit immediately beside E. Q-Which of the following can sit in the front passenger seat?

- B. D
- C. X
- D. Y
- E. Z