

GAT-B Arts, Humanities & Social Science Analytical

Sr	Questions	Answers Choice
1	<p>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>	<p style="color: green;">A. 1 B. 4 C. 3 D. 2</p>
2	<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-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 miles per hour.</p>	<p style="color: green;">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>
3	<p>Khan Fast Foods serves lunch Tuesday through Sunday.The restaurant is closed on Monday. Mutton karahi, chicken karachi, 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. Q: Which of the following is a list of the days on which chicken karahi and korma may both be served?</p>	<p style="color: green;">A. Tuesday, Thursday B. Tuesday, Wednesday, Thursday C. Monday,Tuesday,Wednesday D. Tuesday, Wednesday,Thursday, Friday E. Tuesday,Wednesday,Thursday, Saturday</p>
4	<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 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>	<p style="color: green;">A. C sits immediately beside Y. B. D sits immediately beside Z. C. B sits in the front passenger seat. D. A sits on the same bench as B E. B sits on the same bench as X</p>
5	<p>Individual members from animal species are to be chosen from a special exhibit habitat.The eight species are A,B,C,D,E,F,G and H.Because of the way these animals interact,certain guidelines must be followed.Animals that will fight cannot be placed in the habitat together.Members of species G will fight with members of species D,E and F.A member of species C will fight with a member of species B, but only if a member of species G is present.If a member of species H is present,a member if species A will not fight with any animal.If a member of species No fights other than those described above will occur.Q-If D,A and C are chosen for the habitat,which of the following must also be chosen?</p>	<p style="color: green;">A. H B. G C. F D. E E. B</p>
6	<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 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 II C and E function well alone but quarrel when work together so, they should be sent to the new office as a team III D and G have not been on speaking terms and shouldn't go together IV Since D and F have been competing for promotion they shouldn't be a team. Q: If C and F are switched to the new office, how many combination are possible</p>	<p style="color: green;">A. 1 B. 2 C. 3 D. 4</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

7 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 sequences of commands will yield a final arrangement in which Osaf and Lottie are in Room 2?

8 An island, five kilometers away in the sea is connected to the land by two ways, three hanging bridges A, B, and C and three water routes 1,2 and 3. The managing authority offers services to people for coming in and for going out by officially managed vehicles on both ways. When it snows, morning service on B is delayed. When it rains or snows, service on A, route 2 and route 3 are delayed in both the morning and afternoon. When temperature falls below 30 degrees Fahrenheit afternoon service is cancelled on either A or on the route 3, but not both. When the temperature rises over 90 degrees Fahrenheit, the afternoon service is cancelled in either on C or on the route 3 but not both. When the service on A is delayed or cancelled, service on the C, which connects A is delayed. When service on the route 3 is cancelled, service on B, which connects the route 3 is delayed.

Q: On February 10th, with the temperature at 15 degree Fahrenheit, it snows all day. On how many services be affected, including both morning and afternoon.

9 Hamza is a terrible driver. He had ten traffic violations in the past year. Which of the following can be said about the above claim?

10 Which of the following can be logically deduced from the stated conditions

11 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 of the above statements can be derived from two other statements?

12 Sales manager Nasir Ali is trying to establish a sales team to cover the Lahore region. His team will consist of four members - two experienced and two new sales representatives. Saleem, Fawad, Hanif, and Karim are the experienced sales representatives. Javed, Taimoor, and Daud are new. Saleem and Fawad do not work together. Taimoor and Saleem refuse to work together. Hanif and Daud cannot work together.

Q: If Saleem is to be a part of the team, the following must be the other members:

13 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 OFF all switches,if any, that are ON.

Q: In case in default setting the switches A and B are ON and the switch C is OFF, then what could be the second setting?

14 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 retains her own type. Children belong to the same type as their fathers. If a male is terminated, he resigns 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: A male born B type and employed now may have

15 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

A. B,C,A
B. B,A,A
C. D,A,E
D. B,C,E,A
E. D,A,A,B

A. 2
B. 3
C. 4
D. 5

A. Hamza does not know how to drive.
B. Hamza is an addict of drugs
C. It is obvious that everyone make accidents in bad weather.
D. Something in this argument is hidden
E. The given statement is wrong.

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

A. Statement 1
B. Statement 2
C. Statement 3
D. Statement 5
E. Statement 6

A. Javed, Taimoor, Daud
B. Javed, Daud, Karim
C. Taimoor, Hanif, Karim
D. Daud, Javed, Fawad
E. Javed, Daud, Hanif

A. AON, BON, CON
B. AON, BOFF, CON
C. AON, BOFF, COFF
D. AOFF, BON, COFF
E. AOFF, BOFF, CON

A. A daughter doing job in R type
B. A born B type son
C. A son doing job in R type
D. A born B type daughter
E. An uncle in either group

A. The France, the Germany, the Senegal
B. The France, the Germany, the Dubai
C. The Argentine, the Dubai, the Senegal
D. The Brazil, the Senegal, the France

before the Germany practice.v. The Portuga and the Brazil must practice earlier in the week than the England.Q-If a person went to the football ground on three consecutive evenings,her or she could see which of the following teams in the order listed?

E. The Dubai the England,the France

16

Selfishness is a principal evil in our society.Every person is concerned with only himself.Personal advancement is the only motivating force in the world today.This does not mean that individual,are not 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-9.Which among the following options would most strongly contradict the author's attitude towards society?

- A. The greatest strength of society is altruism.
- B. We must all learn the art of love.
- C. Our short-term actions may contradict our long-term goals.
- D. Morality is the bedrock of a growing community.
- E. The forces of good will ultimately triumph over evil.

17

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 can be made agreeable by the eliminating some or all of one type of tealeaves?

- A. One part Livana, one part Mathia, one part Novajana, four parts Piask
- B. One part Livana, two parts Novajana, one part Oxia, four parts Piask
- C. One part Livana, one part Mathia, one part Oxia, one part Piask
- D. Two parts Livana, two parts Novajana, one part Oxia, two parts Piask

18

In a shopping mall, six steps lead from the first to the second floor. Four peoples 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 B was on step 1, which step could A be on?

- A. 2 and 5 only
- B. 3 and 5 only
- C. 3 and 4 only
- D. 4 and 5 only
- E. 2 and 4 only

19

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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

20

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 int he 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-If Noman serve in April,all of the following could be true except?

- A. Akhter serves in January
- B. Hamid serves in March
- C. Bilal serves in May
- D. Bilal serves in June
- E. Hamid serves in June