

GAT-B Arts, Humanities & Social Science Analytical

Sr	Questions	Answers Choice
1	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 B. Dar,Cheema, Ali and Babar C. Babar,Cheema,Dar and Ali D. Ali,Cheema,Dar and Babar E. Ali,Babar,Dar and Cheema</p>
2	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 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.	<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>
3	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>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>
4	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>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>
5	Society for special education is to prepare seven blind students for national Naat competition in the month of Ramzan. Controller for academics of the society selects seven students — Tahir, Usman, Veena, Waseem, Ghias, Yasin, and Zafar. For this purpose, the students are to give a recital, and their instructor is deciding the order in which they will perform. Each student will perform exactly one Naat. In deciding the order of performance, the instructor must observe the following restrictions: Ghias cannot perform first or second. Waseem cannot perform until Ghias has performed.Neither Tahir nor Yasin can perform seventh. Either Yasin or Zafar must perform immediately after Waseem performs. Veena must perform either immediately after or immediately before Usman performs. Q:If Veena performs first, which one of the following must be true?	<p>A. Tahir performs sixth B. Ghias performs third C. Zafar performs seventh D. Tahir performs immediately after Yasin E. Waseem performs immediately after Ghias</p>
6	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 only one buildings is to receive priority mail,and as a result,V can be no earlier than fourth in the order of buildings which of the following must be the building receiving priority mail that day?	<p>A. S B. T C. U D. W E. X</p>
7	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 B. Babar has his duty on Thursday C. Dar has his duty on Saturday D. Babar has his duty on Sunday E. Ali has his duty on Sunday</p>
8	Sales manager Nasir All 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 arc new. Saleem and Fawad do not work together Taimoor and Saleem refuse to work.together. Hanif and Daud cannot work together.	<p>A. Javed, Taimoor, Daud B. Javed, Daud, Karim C. Taimoor, Hanif, Karim D. Daud, Javed, Fawad</p>

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

E. Javed,Daud,Hanif

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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 not chosen as part of the sales team and Taimoor is, then which one of the following must be true?

- A. Daud and Hanif are on the team
- B. Karim and Javed are on the team
- C. Hanif and Fawad are on the team
- D. Javed or Daud is not on the team
- E. Fawad or Karim is not on the team

10

Five ladies, Ayesha, Bano, Chandni, Durya, and Elina enter in a series of baking contests in which they are to place their Biryani dish to the judges. The series follows the rules of presentation given below: Bano places ahead of Chandni. Either Ayesha is first and Elina is last, or Elina is first and Ayesha is last. There are no ties in any contest. Everyone competes in each contest.

Q: Which of the following CANNOT be true?

- A. Chandni places second
- B. Durya places second
- C. Durya places third
- D. Chandni places ahead of Durya
- E. Durya places ahead of Bano

11

A home furniture dealer has seven luxury sofas in his showroom: a Z, a Y, a X, a W, a V, a U and a T. The dealer must place the sofas in one of seven showroom spaces that are numbered 1-7 from left to right. Each showroom space must be filled with exactly one sofa. The following conditions apply to the placement of the sofas in the showroom:

1 X must not be placed in a space adjacent to W.

2 Z must be placed in a space adjacent to T.

3 Y must be placed in the first or the last space. 11V is placed in the third space, then W must be placed in the fifth space

Q: If W is placed in space seven, then which of the following must be FALSE?

- A. Y is in space now
- B. Z is in space two
- C. X is in space three
- D. V is in space three
- E. T is in space two

12

If Fatima was born in NWFP, then she is a citizen of Pakistan. The statement above can be deduced from which of the following statements?

- A. Fatima was born either in NWFP or in Punjab.
- B. Some people born in NWFP are citizens of Pakistan.
- C. Everyone born in Pakistan is a citizen of Pakistan.
- D. Every citizen of Pakistan is resident either of one of the provinces or of one of the tribal areas.
- E. Fatima is a citizen either of Pakistan or of any other country.

13

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 woman must sit in a seat or on a bench and seating is subject to the following restrictions: A woman 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?

- 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

14

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: If F and E are the fifth and sixth presenters respectively then which of the following must be true?

- A. A is first in the order of presenters
- B. A is third in the order of presenters
- C. A is fourth in the order of presenters
- D. B is first in the order of presenters
- E. C is fourth in the order of presenters

15

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 which of the following occasions would maximum number of services be disrupted?

- A. A snowy afternoon with the temperature at 45 degree Fahrenheit
- B. A snowy morning with the temperature at 45 degree Fahrenheit
- C. A rainy afternoon with the temperature at 45 degree Fahrenheit
- D. A rainy afternoon with the temperature at 95 degree Fahrenheit

16

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 F; By E to either D or F; By F to either D or E.

- 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

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?

17

Many people do not read the books they purchase.For example seventeen percent of college students in Pakistan have textbooks,but only forty-five percent of them read more than once a year and only seventeen percent read more than once a week.Q-Which of the following if true casts doubt on the claim that most people read the books they purchase?

- A. Readers often exaggerate about their book reading.
- B. The sale of novels is more than that of other types.
- C. Many people buy books to pretend themselves as a scholar.
- D. Regular book readers are most susceptible to eye diseases.
- E. Reading speed is increased by frequent readings.

18

A publisher chooses five articles to be published in the upcoming issue of an arts review.The only articles available for publication are theater articles L,M,N and O and dance articles W,X,Y,and Z.At least three of the five published articles must be dance articles.If O is chosen,then Y Cannot be.If L is chosen,then O must also be chosen.Q-If M is chosen for the issue,which of the following must be true?

- A. O is not chosen
- B. N is not chosen
- C. Exactly three dance articles are chosen
- D. L is not chosen
- E. All four of the dance articles are chosen

19

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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.

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

20

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 is switched to the new office, which of the following cannot move to the new office

- A. B
- B. D
- C. F
- D. G