

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

Sr	Questions	Answers Choice
1	<p>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.</p> <p>Q: Which of the following additional conditions makes it certain that Durya places second?</p>	<p>A. Ayesha places ahead of Bano            B. Bano places ahead of Durya            C. Durya places ahead of Bano            D. Bano places behind Elina            E. Elina places behind Durya</p>
2	<p>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.</p> <p>Q: Which of the following CANNOT be true?</p>	<p>A. Chandni places second            B. Durya places second            C. Durya places third            D. Chandni places ahead of Durya            E. Durya places ahead of Bano</p>
3	<p>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.</p> <p>Q: If exactly one lady places between Ayesha and Bano, which of the following must be true?</p>	<p>A. Ayesha wins first place            B. Elina wins first place            C. Durya places third            D. Bano places fourth            E. Chandni places fourth</p>
4	<p>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.</p> <p>Q: If Usman performs third, what is the latest position in which Yasin can perform?</p>	<p>A. First            B. Second            C. Fifth            D. Sixth            E. Seventh</p>
5	<p>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.</p> <p>Q: If Veena performs first, which one of the following must be true?</p>	<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	<p>A private nationwide chain of colleges has arranged a series of five promotional seminars. The board of directors selected five professors - Prof. Akmal, Bukhari, Chishti, Dilawar, and Ejaz to attend the seminars subject to the following constraints:            If Prof. Akmal attends a seminar, then Prof. Dilawar does not attend it. If Prof. Bukhari attends a seminar, then either Prof. Chishti or Prof. Dilawar, but not both, attends it. If Prof. Chishti attends a seminar, then Prof. Ejaz does not attend it. If Prof. Ejaz attends a seminar, then either Prof. Akmal or Prof. Bukhari, but not both, attends it.</p> <p>Q: If Prof. Bukhari attends one of the seminars, then which one of the following could be a complete and accurate list of the other members of the college who also attend that seminar?</p>	<p>A. Prof. Akmal and Dilawar            B. Prof. Akmal and Ejaz            C. Profs. Chishti and Dilawar            D. Prof. Dilawar            E. Prof. Ejaz</p>
	<p>In a city, police commissioner planed 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</p>	

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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.

Q: If Gia and Lubna are the only students who meet in the morning, then which of the following CANNOT be true?

- A. Farid meets in the evening
- B. Hamid meets in the afternoon
- C. Javed meets in the afternoon
- D. Nargis meets in the evening
- E. Majeed meets in the afternoon

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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.

Q: If Hamid and Farid both meet in the morning, then which of the following must be true?

- A. Javed meets in the evening
- B. Kamran meets in the morning
- C. Lubna meets in the morning
- D. Majeed meets in the afternoon
- E. Nargis meets in the afternoon

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Q: If Gia meets in the morning and Lubna and Nargis meet in the evening, then how many different possible meetings could there be in the afternoon?

- A. 2
- B. 3
- C. 4
- D. 5
- E. 6

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Q: If Javed and Kamran meet in the afternoon, which of the following must be true?

- 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
- E. Exactly four people attend the afternoon meeting