

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>
	<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</p>	<p>A. Prof. Akmal and Dilawar B. Prof. Akmal and Ejaz</p>

- 6 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.
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?
- C. Profs. Chishti and Dilawar
D. Prof. Dilawar
E. Prof. Ejaz
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- 7 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 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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- 8 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
-
- 9 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 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

10	<p>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.</p> <p>Q: If Javed and Kamran meet in the afternoon, which of the following must be true?</p>	<p>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</p>
11	<p>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.</p> <p>Q: Which of the following is an acceptable arrangement of student meetings?</p>	<p>A. Morning: Farid, Gia, Nargis; Afternoon: Hamid, Javed; Evening: Kamran, Lubna, Majeed B. Morning: Javed; Afternoon: Farid, Gia, Hamid, Lubna, Majeed, Nargis; Evening: Kamran C. Morning: Gia, Majeed; Afternoon: Hamid, Javed, Lubna, Nargis; Evening: Farid, Kamran D. Morning: Hamid, Lubna, Nargis; Afternoon: Farid, Gia, Kamran; Evening: Javed, Majeed E. Morning: Farid, Gia; Hamid; Afternoon: Javed, Majeed; Evening: Kamran, Lubna, Nargis</p>
12	<p>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:</p> <p>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.</p> <p>11V is placed in the third space, then W must be placed in the fifth space</p> <p>Q: If W is placed in space seven, then which of the following must be FALSE?</p>	<p>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</p>
13	<p>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:</p> <p>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.</p> <p>11V is placed in the third space, then W must be placed in the fifth space</p> <p>Q: Which of the following is an acceptable placement of the sofas in the showroom spaces from one to seven?</p>	<p>A. Z, T, V, X, W, U, Y B. Y, X, V, U, W, Z, T C. X, Y, U, W, T, Z, V D. Y, Z, V, U, W, T, X E. U, X, V, T, Z, W, Y</p>
14	<p>In a scout training institute, there are three categories strikers, defenders, and helpers. Eight scouts are selected from these categories for learning to follow two commands—"attack" And "revert." At least one scout is selected from one category. All female scouts in the group are defenders. The results of the first lesson are as follows: At least two of the scouts have learned to follow the "attack" command, but not the "revert" command. At least two of the scouts have learned to follow the "revert" command, but not the "attack" command. At least one of the scouts has learned to follow both commands. Among the eight scouts, only helpers have learned to follow the "revert" command.</p>	<p>A. two of the scouts are female B. all of the scouts are male C. only one male scout has learned to attack D. one female scout has learned to revert E. two of the scouts are defenders</p>

Q:If each scout has learned to follow at least one of the two commands, and if two of the scouts have teamed to attack but not revert, it could be true that:

- 15 In a scout training institute, there are three categories strikers, defenders, and helpers. Eight scouts are selected from these categories for learning to follow two commands—"attack" And "revert." At least one scout is selected from one category. All female scouts in the group are defenders. The results of the first lesson are as follows: At least: two of the scouts have learned to follow the "attack": command, but not the "revert" command. At least two of the scouts have. learned to follow the "revert" command, but not the "attack" command. At least one of the scouts has learned to follow both commands. Among the eight scouts, only helpers have learned to follow the "revert" command.
Q:If four of the scouts are male and four of the scouts are female, all of the following must be true EXCEPT:
- A. One of the scouts is a striker
B. Four of the scouts are defenders
C. Three of the scouts are helpers
D. Three of the scouts have learned to revert
E. Four of the scouts have learned to attack

- 16 In a scout training institute, there are three categories strikers, defenders, and helpers. Eight scouts are selected from these categories for learning to follow two commands—"attack" And "revert." At least one scout is selected from one category. All female scouts in the group are defenders. The results of the first lesson are as follows: At least: two of the scouts have learned to follow the "attack": command, but not the "revert" command. At least two of the scouts have. learned to follow the "revert" command, but not the "attack" command. At least one of the scouts has learned to follow both commands. Among the eight scouts, only helpers have learned to follow the "revert" command.
Q:If each scout has learned to follow at least one of th, (wo, commands, all of the following must tote EXCEPT:
- A. All defenders have learned to attack
B. All strikers have learned to attack
C. All helpers have learned to revert
D. No defender has learned to revert
E. No striker has learned to revert

- 17 In a scout training institute, there are three categories strikers, defenders, and helpers. Eight scouts are selected from these categories for learning to follow two commands—"attack" And "revert." At least onescout is selected from one category. All female scouts in the group are defenders. The results of the first lesson are as follows: At least: two of the scouts have learned to follow the "attack": command, but not the "revert" command. At least two of the scouts have. learned to follow the "revert" command, but not the "attack" command. At least one of the scouts has learned to follow both commands. Among the eight scouts, only helpers have learned to follow the "revert" command.
Q:Which of the following statements CANNOT be true?
- A. The group includes more females than males
B. The group includes fewer helpers than strikers
C. The group includes more strikers than defenders
D. More of the scouts have learned to revert than to attack
E. More of the scouts have learned to attack than to revert

- 18 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 exactly one film is shown between A and C, and exactly one film is shown between B and D, which among the following will hold true?
- A. B is the film shown between A and C
B. C is the film shown between B and E
C. E is the film shown between A and C
D. D is the last film shown
E. E is the first film shown

- 19 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 B, D and E are to be shown one after the other in the given order, the position from first to fifth in which A could possibly be shown is
- A. first
B. second
C. third
D. fourth
E. fifth

- 20 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?
- 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

21	<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:</p> <p>A must be shown earlier than C. B must be shown earlier than D. E should be the fifth film shown.</p> <p>Q: Which among the following is a pair of films that CANNOT both be shown earlier than E?</p>	<p>A. A and B B. A and D C. B and C D. B and D E. C and D</p>
22	<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:</p> <p>A must be shown earlier than C. B must be shown earlier than D. E should be the fifth film shown.</p> <p>Q: Which among the following is an acceptable order for showing the educational films?</p>	<p>A. A, C, B, D, E B. A, C, D, E, B C. B, D, C, A, E D. B, D, E, A, C E. E, B, C, A, D</p>
23	<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:</p> <p>A must be shown earlier than C. B must be shown earlier than D. E should be the fifth film shown.</p> <p>Q: In case, D is to be shown earlier than A, then for which of the following is exactly the one position from first through fifth in which it can be scheduled to be shown?</p>	<p>A. A B. B C. C D. D E. E</p>
24	<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:</p> <p>A must be shown earlier than C. B must be shown earlier than D. E should be the fifth film shown.</p> <p>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>
25	<p>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.</p> <p>Q: Which one of the following must be true?</p>	<p>A. Fawad and Saleem always work together B. Karim and Daud never work together C. Karim and Fawad always work together D. If Javed works, then Karim doesn't work E. If Saleem works, then Daud works</p>
26	<p>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.</p> <p>Q: If Saleem is not chosen as part of the sales team and Taimoor is, then which one of the following must be true?</p>	<p>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</p>
27	<p>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.</p> <p>Q: If Saleem is to be a part of the team, the following must be the other members:</p>	<p>A. Javed, Taimoor, Daud B. Javed, Daud, Karim C. Taimoor, Hanif, Karim D. Daud, Javed, Fawad E. Javed, Daud, Hanif</p>
28	<p>Which of the following is false i B and D can be both on odd-numbered steps in one configuration ii In a particular configuration A and C must either both an odd numbered steps or both an even-numbered steps iii A person E can be on a step next to the vacant step.</p> <p>Q: Which of the following is false</p> <p>i B and D can be both on odd-numbered steps in one configuration</p>	<p>A. i only B. ii only C. iii only D. both i and iii</p>

configuration

D. both I and III

- ii In a particular configuration A and C must either both an odd numbered steps or both an even-numbered steps
- iii A person E can be on a step next to the vacant step

29

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 there were two steps between the step that A was standing and the step that B was standing on, and A was on a higher step than D. A must be on step

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

30

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