

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

Sr	Questions	Answers Choice
1	<p>A researcher has concluded that women are just as capable as men in math but that their skills are not developed because society expects them to develop other and more diverse abilities.Q.Which of the following is a basic assumption of the researcher?</p>	<p>A. Ability in math is more important than ability in more diverse subjects.          B. Ability in math is less important than ability in more diverse subjects.          C. Women and men should be equally capable in math.          D. Women might be more capable than men in math.  <span style="color: #00ff00;">E. Women tend to conform to the social expectations.</span></p>
2	<p>In a computer data transfer-cable plant, cables are assembled by twisting plastic-coated wires together. There are wires of exactly six different solid colors—red, purple, pink, green, orange, and black—wires must be assembled into single cables according to the following rules: Each cable must contain at least three wires and wires of at least three different colors. These cables are joined by the following rules: At most two wires in a single cable can be black. At most two wires in a single cable can be orange. There can be at most one wire of each of the other colors in a single cable. If one wire is red, then one wire must be purple. If one wire is pink, then no wire can be green.Q-3. If an orange wire and a pink wire must be among the wires chosen for a particular cable, any of the following pairs of wires could complete the cable EXCEPT a?</p>	<p>A. Black wire and a second orange wire.          B. Purple wire and a second orange wire.          C. Purple wire and a black wire.          D. Red wire and a purple wire.  <span style="color: #00ff00;">E. Red wire and a black wire.</span></p>
3	<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.Q: Which of the following statements CANNOT be true?</p>	<p><span style="color: #00ff00;">A. The group includes more females than males.</span>          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.</p>
4	<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:          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?</p>	<p>A. A is shown earlier than B.          B. B is shown earlier than C.  <span style="color: #00ff00;">C. C is shown earlier than E.</span>          D. D is shown earlier than A.          E. E is shown earlier than B.</p>
5	<p>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-If a table consists of C, N and O, which of the following trios sits at one of the other tables?</p>	<p>A. B with D and L.  <span style="color: #00ff00;">B. B with E and L.</span>          C. A with P and L.          D. A with B and E.          E. D with E and M.</p>
6	<p>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. If Y is not chosen for the issue, which of the following must be chosen?</p>	<p>A. L          B. M          C. N          D. O  <span style="color: #00ff00;">E. W</span></p>
7	<p>A Government College sports president wishes to select four members of a sports-wing committee as special representatives to meet the requirements of college's sports activities. The committee consists of eight members, four of which (K, L, M, and N) are sports teachers, whereas the other four (P, Q, R, and S) are students. The four representatives must consist of exactly two sports teachers and two students. Either K or L must be one of the representatives, but K and L both cannot be the representatives. If P is a representative, then L cannot be a representative. Q-If R is a representative but M is not a representative, then the whole group can be determined if it were also true that?</p>	<p>A. K is a representative.          B. N is a representative.          C. P is a representative.  <span style="color: #00ff00;">D. S is not a representative.</span></p>
8	<p>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</p>	<p>A. First          B. Second          C. Third  <span style="color: #00ff00;">D. Fourth</span></p>

present his paper.

Q: If F is to present his paper immediately after D, C could be scheduled for which of the following places in the order of presenters?

D. Fourth

E. Fifth

Four captains and the first mates of three of them were to attend the annual meeting at head quarters. The captains were Luqman, Manzoor, Nauman, and Osaf, the mates were Ayesha, Durya, and Gia. Each person in turn delivered a report to the chairperson as follows: Each of the first mates delivered their report exactly after captain. The first captain to speak was Manzoor, and in Nauman spoke after him. . present the person with first letter of his name)

Q: Among the following statements, which would make M, D, N, G, L, O, A the only possible sequence of speakers?

A. D is M's first mate; G is N's first

mate A is O's first mate

B. D is M's first mate; G is N's first mate; A was the second to speak after L.

C. The order of the first four speakers was M,D,N,G

D. The order of the last three speakers was L,O,A

E. The order in which the captains spoke was M,N,L,O

9

Study of many events have shown that families who install smoke detectors and own fire extinguishers have a reduced risk of losing a child in a house fire. Therefore, no family who installs smoke detectors and owns a fire extinguisher will lose a child in a house fire. Q-Which of the following best criticism of the argument does not?

A. It differentiate between the two cause of house fires: cooking and heating.

B. Take into account that families who buy smoke detectors are also more likely to purchase fire insurance.

C. Take into account the possibility of losing a child in a house fire despite all precautionary measures.

D. Cite the fact that smoke detectors have proven to be effective in waking sleeping children during a house fire.

E. Indicate that fire extinguishers are effective during early stage of fire.

10

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 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 most 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

11

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: Which one of the following must be true?

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

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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. If two habitats are setup, one containing members of species A,B,H and G, and the other containing members of species D,F,C and E, which animals could be switched one for the other without provoking any fights?

A. Species H and F

B. Species B and C

C. Species A and C

D. Species G and D

E. Species H and E

13

Light bulbs that emit lower-intensity light save energy by requiring less electricity. Therefore, If homeowners use only low-intensity light bulbs, their electric bills will decrease. Q-Which of the following represents a necessary assumption for the above argument?

A. Low-intensity light bulbs are less expensive than more standard light bulbs.

B. By lowering electricity use, homeowners can help decrease pollution levels in their communities.

C. The low-intensity light bulbs are as effective in providing light as standard light bulbs.

D. Homeowners are always concerned with lowering their utility bills.

A. Travelers who are staying in the

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Travelers may enter and remain in the republic for up to 57 days. If the travelers are to stay for more than seven days, however, a special visa is required. Q-10. If the statements above are true, which of the following must also be true?

Republic for 15 days must have a special visa.

- B. Many travelers who stay in the Republic do not need visa.
- C. Some travelers who stay in the Republic for more than seven days do not have to appropriate visas.
- D. Travelers who stay less than seven days in the Republic do not need visas.

16

The microwave oven has become a standard appliance in many kitchens, mainly because it offers a fast way of cooking food. You some homeowners believe that the ovens are still not completely safe. Microwave, therefore, should not be a standard appliance until they are more carefully researched and tested. Q-Which one of the following, if true, would most strengthen the conclusion of the passage above?

- A. Modern homeowners have more free time than ever before.
- B. Food preparation has become almost a science, with more complicated and involved recipes.
- C. Homeowners often doubt the advertised safety of all new appliances.
- D. Many microwave ovens have been found to leak radioactive elements.
- E. Speed of food preparation is not the only concern of today's homeowner.

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- A must be shown earlier than C.
- B must be shown earlier than D.
- E should be the fifth film shown.

Q: In case, C is shown earlier than E, which among the following will hold true?

- 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

18

According to Albert Einstein's famous theory of relativity, time travel is theoretically possible. If we assume that time travel were to be possible through some technological wonder, it would be advantageous to send someone back in time to prevent the assassination of Archduke Franz Ferdinand in 1914 and thus keep World War I from ever occurring. Q-The argument above makes which of the following assumptions?

- A. The technology necessary for time travel is likely to be developed in the near future.
- B. If the time travel were to be developed in the future, evidence of time travelers would be apparent to those living today.
- C. It is not possible to alter a significant current in world history merely by changing a single event.
- D. If Franz Ferdinand had not been assassinated, some other catalytic event would have led to the start of World War I.
- E. The assassination of Franz Ferdinand was the crucial event that triggered the start of World War I.

19

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 the sequence of buildings to which mail is delivered is V, W, T, S, X, U and if X is receiving priority mail, which of the following is a complete and accurate list of buildings that must also be receiving priority mail?

- A. V, T
- B. V, W
- C. W, T
- D. W, U
- E. V, W, T, S

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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 the two commands, all of the following must be true 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