

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

Sr	Questions	Answers Choice
1	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 than the England.Q-If the France practice on Saturday, the England must practice on what day?	A. Tuesday B. Wednesday C. Thursday D. Friday E. Sunday
2	In a computer data transfer-cable plant, cables are assembled by twisting plastic-coated wires together. There are wires of exactly six different solid coloursred, purple, pink, green, orange and bookwires 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 colours. 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 colours 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-If an assembled cable consists of exactly five wires, each a different colour, it could be true that a colour NOT used is?	A. Orange B. Purple C. Red D. Green E. Black
3	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
4	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 S is the only building receiving priority mail, which of the following lists the buildings in an order, from first through sixth, in which they can receive their mail?	A. T,S,W,X,V,U B. S,T,W,U,X,V C. S,T,W,U,X,V D. S,W,T,X,V,U E. V,S,T,W,X,U
5	Seven childrenM,N,O,P,Q,X and Y eligible to enter a drawing contest.From these seven,two teams must be formed,a blue team and a yellow team,each item consisting of exactly three of the children.No child can be selected for more than one team.Team selection is subject to the following restrictions: If P is on the blue team,O must be selected for the yellow team.If M is on the blue team.If M is on the blue team.Q,if selected must be on the yellow team.Q cannot be on the same team as X.N cannot be on the same team as O.Q-If P is on the blue team,which of the following if selected,must also be on the blue team?	A. M B. N C. Q D. X E. Y
6	Three womenX,Y, and Z are traveling in a van with five childrenA,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-Which of the following groups of three can sit together on a bench?	A. A,C and E B. A.C and Z C. A.Y and Z D. B,D and Y E. D,E and X
7	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:If exactly one lady places between Ayesha and Bano, which of the following must be true?	A. Ayesha wins first place B. Elina wins first place C. Durya places third D. Bano places fourth E. Chandni places fourth
8	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 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	A. B,C,A B. B,A,A C. D,A,E D. B,C,E,A E. D,A,A,B

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? 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 A. B is the film shown between A and the following conditions: B. C is the film shown between B and A must be shown earlier than C. Ε 9 B must be shown earlier than D. C. E is the film shown between A and E should be the fifth film shown. С D. D is the last film shown Q:In case exactly one film is shown between A and C, and exactly one film is shown E. E is the first film shown between B and D, which among the following will hold true? A city wagon has exactly sis stops on its route, The wagon first stops at stop one and then at stops two, three, four,five, and six respectively. After the wagon leaves stop six, the bus A. O turns, returns to stop one, and repeats the cycle. The stops of the wagon are named as B. Q L,M.N,O,P and Q. P is the third stop.M is the sixth stop. The stop O is the stop immediately C. N 10 before Q. N is the stop immediately before L. D. L Q:If N is the fourth stop, which among the following must be the stop immediately E. M before P. In a computer data transfer-cable plant, cables are assembled by twisting plastic-coated wires A. No cable contains fewer than six together. There are wires of exactly six different solid colours---red, purple, pink, green, orange cables and book --wires must be assembled into single cables according to the following rules: Each B. Red is always used if pink is used. cable must contain at least three wires and wires of at least three different colours. These C. Black is used exactly once if 11 cables are joined by the following rules: At most two wires in a single cable can be black. At purple is used. most two wires in a single cable can be orange. There can be at most one wire of each of the D. Green is never used if red is other colours 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-If there us an additional requirement that pink must be E. No cable contains more than five used if purple is used, which of the following must be true? wires. A. Employees at the professional level who do not smoke should keep their enclosed offices. B. Employees with enclosed offices should not smoke at their desks, even though the new regulations permit them to do so. According to the new office smoking regulation, only employees who have enclosed offices C. Employees at the secretarial level should to smoke at their desks.even may smoke at their desks. Virtually, all employees with enclosed offices are at the professional 12 level, and virtually all secretaries employees lack enclosed offices. Therefore secretaries who if they do not have enclosed offices. smoke should be offered enclosed offices.1. Which of the following is an assumption that D. The smoking regulations should enables the conclusion above to be properly drawn? allow all employees who smoke an equal opportunity to do so,regardless of an employee's job E. The smoking regulations should provide equal protection from any hazards associated with smoking to all employees who do not smoke. Four captains and the first mates of three of them were to attend the annual meeting at head quarters. The captains were Lugman, 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 A. second first mates delivered their report exactly after captain. The first captain to speak was Manzoor, B. third 13 C. fourth and in Nauman spoke after him. present the person with first letter of his name) D. sixth Q: In Case A spoke immediately after L and immediately before O, and O was not the last speaker Lspoke 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. Tuesday a week from Monday to Sunday (Sunday being considered the last day of the week), and the B. Wednesday allocation of the practice times is governed by the following rules:i.On any evening only one 14 C. Thursday team can play.ii.The Argentine must practice on Monday.iii.The Dubai practice exactly one D. Friday day before the France practice.iv, The France practice exactly one day before the Germany E. Saturday practice.v.The Senegal and the Brazil must practice earlier in the week than the England.Q-The latest day in the week that the Brazil can practice is? 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 M) are sports A. M teachers whereas the other four (P,Q,R andS) are students. The four representatives must B. N 15 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 If R is a representative then L cannot be a representative.Q-If P is a representative then which of the following CANNOT be a representative? A. Travelers who are staying in the Republic for 15 days must have a

Travelers may enter and remain in the republic for up to 57 days. If a travelers are to stay for

B. Many travelers who any stay in

the Republic do not need visa.

⊨ requires each of the dogs to go to the room containing the trainer it was matched with in

16	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?	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.
17	In a room,six people,P,Q,R,S,M and N are seated about a round table. Every chair is placed equidistant from adjacent chairs. 1.M is seated next to R.2.S is seated 3 seats from R.3.P is seated 2 seats from N.Q-Which of the following must be true? I.P must be seated next to Q.II.P must be seated next to S.III.M and Q are separated by one seat.	A. I only B. II only C. III only D. II and III only E. Neither I,II or III
18	A city map representing roads M,N,O,P,Q and R.Link roads cannot have the same colour in the map.The roads link to each other are as under:Each M,N,P and Q has link to O.P has a link to Q.Each of M and N has a link to R.Which of the following roads can be the same colour as O on the map?	A. N B. P C. Q D. R
19	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
20	I All A's are B's II All A's are C's or D's III All C's and D's are A's IV All E's are D's V All G's are F's VI No F's are A's Q: Which of the following is inconsistent with one or more conditions	A. All B's are A's B. All B's are F's C. Some B's are both F's and A's D. No F's are B's