

GAT-B Arts, Humanities & Social Science Analytical

Qr.	Quactions	Answers Choice
Sr	Questions	Answers Choice
1	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?	A. Tahir performs sixth B. Ghias performs third C. Zafar performs seventh D. Tahir performs immediately after Yasin E. Waseem performs immediately after Ghias
2	An English speaking class in a college has a circular table with eleven seats around it. Five girls (Fatima, Maryam, Iram, Sana and Amna) and five boys (Bilal, Najam, Hamza, Osama, Javed) are seated around the table. None of the girls are seated in a seat adjacent to another girl. Fatima sits between Bilal and Najam, and next to each of them javed does not sit next to Osama. Q-If Maryam, Hamza, Iram, Javed and Najam are seated in that order, which of the following is a correct completion of the seating order after Najam?	A. Fatima,Bilal,Sana,Osama,Amna,empty seats B. Fatima,Bilal,Osama,Sana,empty seat Amna C. Bilal,Amna,Fatima,Osama,Sana,empty seats D. Fatima,Bilal,Amna,Osama,empty seats,Sana E. Fatima,Bilal,Sana,empty seats,Amna,Osama
3	On a factory control room, there are three ON-OFF switches on central control panel, labeled A,B, and C. They are changed from default setting to a required setting based on the following rules: In case only switch A is ON in the default setting, then turn switch BON The city council in a modernized country devises a new employment scheme for locales. Based on this scheme, both men and women are categorized to R and B types. No person can do job in his own type. If a man gets job, he becomes a part of his employer's type but if a woman gets job she retain her own type. Children belong to the same type as their fathers. If a male is terminated, he resigned from the job or is retired; he reverts to the type of his birth. More than one job at a time is not permitted. If a man gets married, his type is converted to the type of his wife. Q:Which of the following is not conformable to the rules	A. Aborn B type male doing job in R type B. Daughter of born B type retired male is doing job in B type C. Son of born B type retired male is doing job in R type D. Son of on job born B type male is working job in B type E. A born B type male whose wife is of R type is doing job in B type
4	Nine athletes attend a sports banquet at Iqbal Stadium,Lahore.Three of the athletesA,B and Care varsity football players,two of the athletesD and Eare varsity basketball players.The other four athletesL,M,N,and Obelong 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-Which of the following pairs will not sit with P?	A. A,D B. B,C C. B,D D. B,L E. C,D
5	The principal of a college is forming a committee. There are to be five members: three teachers, chosen from Mr A, Mr C, Mr.D, Mr E; and two students, chosen from L, M, N and O. The composition of the committee must conform the following conditions: Q-In how many different ways can the principal select an acceptable committee?	A. Less than 3 B. 3 C. 7 D. More than 7 E. 5
6	In a computer data transfer-cable plant, cables are assembled by twisting plastic-coated wires together. There are wires of exactly six different solid colours red, 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
7	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	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

8	In the first message to Congress, Harry Truman said, "The responsibility of the United States is to serve and not dominate the world."Q. Which of the following is one basic assumption underlying Truman's statement?	A. The United States is capable of dominating the world. B. The United States chooses a serve rather than dominate the world. C. World domination is a virtue. D. One must be decisive when facing a legislative body for the first time. E. The United States, preceding Truman's administration, had been irresponsible.
9	During 2006, from january through june, the Chairman of Physics Department will be on Sabbath. The Dean of college has asked each of the college six professors int he departmentAkhter, Bilal, Chohan, Fraz, Hamid and Nomanto serve as acting chairman during one of these months. The physicists can decide the order in which they will serve, subject only to the following criteria established by the dean.i. Chohan will serve as chairman in February.ii. Akhter will serve as chairman before Hamid does.iii. Bilal and Fraz will serve as chairman in consecutive months. Q-In how many ways can the schedule be made up if Noman has to serve as Chairman in May?	A. 1 B. 3 C. 6 D. 4 E. 2
10	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.
11	In a computer data transfer-cable plant, cables are assembled by twisting plastic-coated wires together. There are wires of exactly six different solid colours red, 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-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?	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 E. Red wire and a black wire.
12	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 other animals are to be added to a habitat containing a member of species B and a member of species G in the habitat, which of the following could be those two animals?	A. Members of species H and A B. Members of species C and A C. Members of species D and H D. Members of species H and C E. Members of species F and C
13	The principal of a college is forming a committee. There are to be five members: three teachers, chosen from Mr A,Mr C, Mr.D, Mr E; and two students, chosen from L,M,N and O. The composition of the committee must conform the following conditions: Q-If N and O are both on the committee who else must be on the committee?	A. A B. B C. C D. D E. L
14	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 fire 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-The choice of which article makes only one group of articles acceptable?	A. L B. M C. O D. X E. Y
15	In a computer data transfer-cable plant, cables are assembled by twisting plastic-coated wires together. There are wires of exactly six different solid colours red, 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 exactly one black wire and exactly one orange wire are used in an assembled cable, which of the following must be true?	A. The cable contains no more than five wires. B. The cable contains a purple wire. C. The cable does not contain a pink wire. D. The cable does not contain a red wire. E. The cable contains exactly six wires.
16	The primary evil of today's society is selfishness.People are concerned only with themselves.Personal advancement is the sole motivating force in our world.This is not to say that individuals are never willing to help one another,on the contrary,However,these are only short-term occurrences which ultimately serve our long-term goal of personal gain.Q-Which statement would most strongly contradict the author's attitude towards society?	A. Altruism is society's greatest strength. B. The forces of good will ultimately triumph over evil. C. Our short-term actions may ostensibly contradict our long-term goals D. We must all learn the art of selfishness. E. Morality is the bedrock of a growing community.

A. Readers often exaggerate about their book reading. B. The sale of novels is more than that Many people do not read the books they purchase. For example seventeen percent of of other types. college students in Pakistan have textbooks but only forty-five percent of them read more C. Many people buy books to pretend 17 than once a year and only seventeen percent read more than once a week.Q-Which of the themselves as a scholar following if true costs doubt on the claim that most people read the books they purchase? D. Regular book readers are most susceptible to eye diseases. E. Reading speed is increased by frequent readings. An English speaking class in a college has a circular table with eleven seats around it. Five A. Bilal and Fatima girls (Fatima, Maryam, Iram, Sana and Amna) and five boys (Bilal, Najam, Hamza, Osama, Javed) B. Iram and Najam are seated around the table. None of the girls are seated in a seat adjacent to another 18 C. Fatima and Najam girl.Fatima sits between Bilal and Najam, and next to each of them javed does not sit next to D. Osama and Maryam Osama.Q-If Javed leaves his seat and occupies the empty seat,his new seating position E. Amina and Maryam would be between: The accounts staff of the Mark corporation presently consists of three book-keepers (X,Y and Z) and five Data Entry Operators (M,N,O,P and Q) Management is planning to open a new office in another city sending three Data Entry Operators and two book-keepers from the present staff. To do so they plan to separate certain individuals who do not function well together. The following guidelines were established to set up the new office:(i) Book-A. XYMNQ keepers X and Z are constantly finding faults with one another therefore should not be sent B. XYNOQ 19 together to the new office.(ii) Z and N function well alone but not as a team.They should be separated.(iii) M and P have not been on speaking terms for many months they should not D. XYNPQ go together (iv) Since M and O have been competing for a promotion they should not be in one team.Based on the above information find the correct answers to the following questions: Q-If X is to be moved as one of the book-keepers, which of the following CANNOT be a possible working unit? 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 A. Farid attends the morning meeting B. Majeed attends the afternoon term are Farid, Gia, Hamid, Javed, Kamran, Lubna, Majeed, and Nargis. The meeting meetings with the chief instructor must conform to the following conditions: The chief C. Lubna attends the afternoon instructor will not meet with only one student at a time. The chief instructor must meet 20 meeting with at least one student in each of the available meeting times. ',arid and Javed D. Exactly three people attend the cannot attend the same meeting. Kamran and Majced cannot attend the same morning meeting E. Exactly four people attend the meeting. If Gia attends the morning meeting, then Kamran must attend the evening afternoon meeting 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 Javed and Kamran meet in the afternoon, which of the following must be true?