GAT-C Agriculture, Veterinary, Biological & Related Science Analytical

Sr	Questions	Answers Choice
1	Khan Fast Foods serves lunch Tuesday through Sunday.The restaurant is closed on Monday. Mutton karahi, chicken karachi, korma, fish fried, and vegetable are served each week based on the following conditions: Chicken karahi is served on three days each week, but never on Friday. Korma is served on one day each week.Fish fried is served on three days each week, but never on consecutive days. Chicken karahi and mutton karahi are both served on Saturday and Sunday.Vegetable is served five days each week.No more than three different foods are served on any given day. Q:Which of the following is true if fish fried is served on Saturday?	A. mutton karahi and fish fried are both served on Sunday B. mutton karahi and chicken karahi are both served on Tuesday C. Korma and chicken karahi are both served on Thursday D. Vegetable and mutton karahi are both served on Saturday E. Korma and mutton karahi are both served on Friday
2	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 department---Akhter,Bilal,Chohan,Fraz,Hamid and Noman--to 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-Which of the following CANNOT be true?	A. Akhter and Noman serve in consecutive months B. Noman and Hamid serve in consecutive months C. Hamid and Fraz serve in consecutive months D. Akhter and Chohan serve in consecutive months E. Bilal and Chohan serve in consecutive months
3	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
4	Two statements,labeled (1) and (2),follow each of the following given questions.The statements contain certain information in the question you do not actually have to compute an answer,rather than you have to decide whether the information given in the statements (1) and (2) is sufficient to find a correct answer by using basic mathematics and everyday fact?Q-What day of the week is today?1.Today is December 25.2 Amjad left Pakistan on Monday.	A. Statement 1.Alone is sufficient but 2. ALONE is not sufficient to answer this question. B. Statement 2.ALONE is sufficient but 1.ALONE is not sufficient to answer this question. C. Statements 1 and 2.TOGETHER are sufficient to answer the question but NEITHER of them is sufficient ALONE. D. Statements 1 and 2 COMBINED are not sufficient to answer the question and additional information is needed to find the correct answer.
5	An island, five kilometers away in the sea is connected to the land by two ways, three hanging bridges A, B, and C and three water routes 1,2 and 3.The managing authority offers services to people for coming in and for going out by officially managed vehicles on both ways. When it snows, morning service on B is delayed. When it rains or snows, service on A, route 2 and route 3 are delayed in both the morning and afternoon When temperature falls below 30 degrees Fahrenheit afternoon service is cancelled on either A or on the route 3, but not both.When the temperature rises over 90 degrees Fahrenheit, the afternoon service is cancelled in either on C or on the route 3 but not both.When the service on A is delayed or cancelled, service on the C, which connects A is delayed.When service on the router 3 is cancelled, service on B, which connects the route 3 is delayed. Q: On August 15th with the temperature at 97 degrees Fahrenheit, it begin to rain at 1 PM. What is the minimum number of services will be affected?	A. 2 B. 3 C. 4 D. 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 book --wires must be assembled into single cables according to the following rules:Each cable must cntain 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 there us an additional requirement that pink must be used if purple is used,which of the following must be true?	A. No cable contains fewer than six cables. B. Red is always used if pink is used. C. Black is used exactly once if purple is used. D. Green is never used if red is used. E. No cable contains more than five wires.

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	Before the arrival of Asim,a new partner,sales output in Bilal's company Minhas In Reverse Ltd.had been raising by 10% per year on average.Innovations by Asim included computerization of technical process and reduction in the work force,but annual sales output has only risen by 5% per year.It appears that Asim's innovations have caused the reduction in the annual growth rate.Q:Which of the following if true would most seriously weaken the conclusion above?	A. Asim's innovations were intended as long-term investment and not made for short-term profit growth. B. General demand for the product manufactured by the company has declined. C. The investment in new machinery entails a provision for depreciation of the cost of the fixed assets,which causes a reduction in profit. D. Workers laid off by Minhas in Reverse Ltd.have been hired by a competitor,who is taking an increasing share of the market. E. Minhas In Reverse Ltd.does not base increases in the selling price of its products with costs.
9	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 teachers whereas the other four (P,Q,R andS) 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 If R is a representative then L cannot be a representative.Q-If L is a representative then which of the following can be the other three representatives?	A. K,Q and S B. M,N and P C. M, P and Q D. N,p and S
10	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 the 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.
11	An island, five kilometers away in the sea is connected to the land by two ways, three hanging bridges A, B, and C and three water routes 1,2 and 3.The managing authority offers services to people for coming in and for going out by officially managed vehicles on both ways. When it snows, morning service on B is delayed. When it rains or snows, service on A, route 2 and route 3 are delayed in both the morning and afternoon When temperature falls below 30 degrees Fahrenheit afternoon service is cancelled on either A or on the route 3, but not both.When the temperature rises over 90 degrees Fahrenheit, the afternoon service is cancelled in either on C or on the route 3 but not both.When the service on A is delayed or cancelled, service on the C, which connects A is delayed.When service on the router 3 is cancelled, service on B, which connects the route 3 is delayed. Q:On which of the following occasions would maximum number of services be disrupted	A. A snowy afternoon with the temperature at 45 degree Fahrenheit B. A snowy morning with the temperature at 45 degree Fahrenheit C. A rainy afternoon with the temperature at 45 degree Fahrenheit D. A rainy afternoon with the temperature at 95 degree Fahrenheit
12	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
13	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
		A. The technology necessary for time travel is likely to be developed in the

14	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 Word War I from ever occurring.Q-The argument above makes which of the following assumptions?	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 Word War I.
15	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: A male born B type and employed now may have	A. A daughter doing job in R type B. A born B type son C. A son doing job in R type D. A born B type daughter E. An uncle in either group
16	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-The latest day in the week that the Brazil can practice is?	A. Tuesday B. Wednesday C. Thursday D. Friday E. Saturday
17	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-Suppose just one varsity athlete sits at a certain table,and that athlete happens to be A.If so,who else sits with A?	A. M,N B. M,O C. N,O D. L.N E. L,M
18	The microwave oven has become a standard appliance in many kitchens,mainly because it offers a fast way of cooking food,You some homeownersbelievethat 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 of the following if true would most weaken the conclusion of the passage above?	A. Those homeowners in doubt,about microwave safety ought not to purchase microwaves. B. Homeowners,often purchase items despite knowing they may be unsafe. C. Research and testing of home appliances seldom reveals safety hazards. D. Microwaves are not as dangerous as steam iron,which are used in almost every home. E. Homeowners often purchase items that they do not need.
19	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
20	There are seven cages next to each other in a zoo.The following is known as about the cages.Each cage has only one animal,which is either a lion or a monkey.There is a lion in each of the first and last cages.The cage in the middle has monkey.No two adjacent cages have monekey in them.The monkey's cage in the middle has two lion cages on either side.Each of the other monkey cages are between and next to two lion cages.Q-How many cages have lions in them?	A. 3 B. 2 C. 4 D. 6 E. 5