GAT-B Arts, Humanities & Social Science Analytical

Sr	Questions	Answers Choice
1	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 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.Which of the following could be the complete set of wires in an acceptable cable?	A. A green wire,an orange wire,and a pink B. A pink wire,a black wire,and an orange wire. C. A red wire a black wire and a green wire. D. A purple wire and exactly two black wires. E. Exactly two black wires and exactly two orange wires
2	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.
3	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.
4	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.
5	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-To fill in the blanks in the above passage,select one of the options from the below mentioned options?	A. We are always trying to undermine other's endeavours. B. My uncle Hamid used to help me with my math homework. C. No one can be trusted,not even close friends. D. There are many occasions when we graciously offer our assistance. E. Our yearning for power prevents us from understanding our existential purpose.
6	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-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
7	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	A. A is sitting with a basketball player. B. Exactly one hockey player is sitting at C's table. C. No hockey players sit at one

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7	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 must be true?	tables. D. A basketball player is sitting with L. E. A football player sits with two hockey players.
8	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-A and D are seated at one table.which of the following are possible seating arrangements for the remaining two tables?	A. B with L and O, C with E and M B. B with M and N, C with L and O C. B with O and D, E with N and O D. C with E and L, B with N and O E. L with M and N, B with E and O
9	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-Which trio could sit together?	A. M,O and L B. D,E and L C. B,E and L D. B,D and L E. A,N and L
10	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?	A. B with D and L B. B with E and L C. A with P and L D. A with B and E E. D with E and M
11	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
12	Ishfaq Ahmed disparaging reviews of the book call his abilities as a circle into question since the book became an immediate best-seller.Which of the following,if true,would most weaken the author's questioning of Ashfaq's critical ability?	A. Immediate success of books is quickly forgotten. B. Book critics often disagree with each other. C. Sales of a book are not always indicative of its value. D. Critics often changes their views about books. E. The significance of a book is not known for years.
13	All good athletes want to win,and all athletes who want to win eat a well-balanced diet,therefore,all athletes who do not eat a well-balanced diet are bad athletes.Q-If the assumptions of the preceding argument are true,then which of the following statements must be true?	A. No bad athlete wants to win. B. No athlete who does not eat a well-balanced diet is a good athlete. C. Every athlete who does not eat a well-balanced diet is a good athlete. D. All athletes who want to win are good athletes.
14	All good athletes want to win,and all athletes who want to win eat a well-balanced diet,therefore,all athletes who do not eat a well-balanced diet are bad athletes.Q-Which of the following if true,would refuse the assumptions of the argument above?	A. Fatima wants to win,but she is not a good athlete. B. Rizwan,the accountant,eats a well-balanced diet,but he is not a good athlete. C. All the players on the Zeeshan baseball team eat a well-balanced diet. D. No athlete who does not eat a well-balanced diet wants to win. E. Sonia,the basketball star,does not eat a well-balanced diet,but she is a good athlete.
15	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 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	A. O is not chosen B. N is not chosen C. Exactly three dance articles are

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16	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-If M is chosen for the issue,which of the following must be true?	chosen D. L is not chosen E. All four of the dance articles are chosen
17	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
18	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-How many acceptable groupings articles include O?	A. One B. Two C. Three D. Four E. Five
19	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.If Y is not chosen for the issue,which of the following must be chosen?	A. L B. M C. N D. O E. W
20	Plant P thrives in environments of great sunlight and very little moisture.Desert D is an environment with constant,powerful sunlight and next-to-no moisture.Although Plant P Thrives in the areas surrounding Desert D,it does not exist naturally in the desert,nor does it survive long when introduced there.Which of the following would be most useful in explaining the apparent discrepancy above?	A. For one week in the fall,Desert D gets consistent rainfall. B. The environment around Desert D is ideally suited to the needs of Plant P. C. Due to the lack of sufficient moisture,Desert D can support almost found in Desert D. D. Plant P cannot survive in temperatures as high as those normally found in Desert D. E. Desert D's climate is far too harsh for the animals that normally feed on Plant P.
21	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?	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 Word War I.
22	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
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24	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-On week,the Senegal practiced on Wednesday and the Dubai practiced the next day,That week,the Brazil must have practiced on?	A. Monday B. Tuesday C. Friday D. Saturday E. Sunday

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25	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 a person went to the football ground on three consecutive evenings,her or she could see which of the following teams in the order listed?	A. The France,the Germany,the Senegal B. The France,the Germany,the Dubai C. The Argentine,the Dubai,the Senegal D. The Brazil,the Senegal,the Franxe E. The Dubai the England,the France
26	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
27	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
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30	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-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