

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

Sr	Questions	Answers Choice
1	<p>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?</p>	<p>A. V,T B. V,W C. W,T D. W,U E. V,W,T,S</p>
2	<p>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?</p>	<p>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.</p>
3	<p>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</p> <p>Q: Which of the following is inconsistent with one or more conditions</p>	<p>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</p>
4	<p>Three women--X,Y, and Z are traveling in a van with five children--A,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- If A sits immediately beside Z, which of the following CANNOT be true?</p>	<p>A. C sits immediately beside Y. B. D sits immediately beside Z. C. B sits in the front passenger seat. D. A sits on the same bench as B E. B sits on the same bench as X</p>
5	<p>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- Can any of the four rivers be more than 200 meters wide? 1. The narrowest of the four rivers is 140 meters wide. 2. Average width of the four rivers is 200 meters.</p>	<p>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.</p>
6	<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.</p> <p>Q: In case, D is to be shown earlier than A, then for which of the following is exactly the one position from first through fifth in which it can be scheduled to be shown?</p>	<p>A. A B. B C. C D. D E. E</p>
7	<p>Asif has refused to work hard for the exam preparation; therefore no more pocket money from his father should be provided to him. 1. Which of the following is an assumption made in the argument above?</p>	<p>A. Asif is a dull student. B. Pocket money of his brother Rafaqit is more. C. Money has no importance in Asif's life. D. Asif likes expensive coloured books. E. Asif is a greedy boy, and demands more money from his father.</p>

8 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: If Saleem is to be a part of the team, the following must be the other members:

9 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: In Case A spoke immediately after L and immediately before O, and O was not the last speaker L spoke

10 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.

11 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 retains her own type. Children belong to the same type as their fathers. If a male is terminated, he resigns 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: AB type female could have had
I A grandfather born R type
II A grandmother born R type
III Her mother born R type

12 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 L is a representative then which of the following can be the other three representatives?

13 According to the new office smoking regulation, only employees who have enclosed offices may smoke at their desks. Virtually, all employees with enclosed offices are at the professional level, and virtually all secretaries employees lack enclosed offices. Therefore secretaries who smoke should be offered enclosed offices. 1. Which of the following is an assumption that enables the conclusion above to be properly drawn?

14 Researchers have found an inactive virus in dry bread. In previous experiments, researchers found that inactivated viruses could convert healthy cells into cancer cells. It can be concluded that the use of dry bread can cause cancer. Q- Which one of the following if true most seriously weakens the argument?

15 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 to the land, is delayed. When service on the route 3 is

A. Javed, Taimoor, Daud
B. Javed, Daud, Karim
C. Taimoor, Hanif, Karim
D. Daud, Javed, Fawad
E. Javed, Daud, Hanif

A. second
B. third
C. fourth
D. sixth

A. I only
B. II only
C. III only
D. II and III only
E. Neither I, II or III

A. I only
B. III only
C. I, II and III
D. I and II only

A. K, Q and S
B. M, N and P
C. M, P and Q
D. N, P and S

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.
C. Employees at the secretarial level should smoke at their desks, even if they do not have enclosed offices.
D. The smoking regulations should allow all employees who smoke an equal opportunity to do so, regardless of an employee's job level.
E. The smoking regulations should provide equal protection from any hazards associated with smoking to all employees who do not smoke.

A. The result of many studies about the same topic were consistent.
B. Many other ingredients dry bread can neutralize the effect of inactive virus.
C. Many of cancer patients confirmed the use of dry bread.
D. Ten percent of rural population use dry bread
E. Inactive virus cannot be killed by any medicine.

A. 2
B. 3
C. 4
D. 5

cancelled, service on the C, which connects A is delayed. When service on the router S is cancelled, service on B, which connects the route 3 is delayed.

Q: On February 10th, with the temperature at 15 degree Fahrenheit, it snows all day.

On how many services be affected, including both morning and afternoon.

The office staff of a firm engaged in marketing of innovative gimmicks consists of three accountants—A, B, C and five secretaries—D, E, F, G, H. The top management is planning to expand its market by opening a new setup in another city using two accountants and three secretaries of the present staff. To do so they plan to separate certain individuals who don't function well together. The following guidelines were established to set up the new office

I Accountants A and C cannot work together happily as A is a chain smoker and C is allergic to smoking and should not be sent together to the new office as a team
II C and E function well alone but quarrel when work together so, they should be sent to the new office as a team

III D and G have not been on speaking terms and shouldn't go together

IV Since D and F have been competing for promotion they shouldn't be a team.

Q: A majority of directors favored A to work as an accountant in the new office which of the following cannot be a possible working unit.

A. ABDEH

B. ABDGH

C. ABEFH

D. ABEGH

16

17

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

18

In a city, police commissioner planned 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 Gia meets in the morning and Lubna and Nargis meet in the evening, then how many different possible meetings could there be in the afternoon?

A. 2
B. 3
C. 4
D. 5
E. 6

19

Which of the following is false i B and D can be both on odd-numbered steps in one configuration ii In a particular configuration A and C must either both an odd numbered steps or both an even-numbered steps iii A person E can be on a step next to the vacant step .

Q: Which of the following is false

A. i only
B. ii only
C. iii only
D. both i and iii

20

A home furniture dealer has seven luxury sofas in his showroom: a Z, a Y, a X, a W, a V, a U and a T. The dealer must place the sofas in one of seven showroom spaces that are numbered 1-7 from left to right. Each showroom space must be filled with exactly one sofa. The following conditions apply to the placement of the sofas in the showroom:

1 X must not be placed in a space adjacent to W.

2 Z must be placed in a space adjacent to T.

3 Y must be placed in the first or the last space. If V is placed in the third space, then W must be placed in the fifth space

Q: If W is placed in space seven, then which of the following must be FALSE?

A. Y is in space now
B. Z is in space two
C. X is in space three
D. V is in space three
E. T is in space two