

NAT II Arts & Humanities Analytical

Sr	Questions	Answers Choice
1	<p>A chemist is preparing a nutriment using eight different vitamins and minerals ...A, B, C, D, E, H, F(Ferric), and Z(Zinc). According to the recipes, the following requirements apply to the use of ingredients:</p> <p>(i) If B is used, both C and Z must also be used</p> <p>(ii) E and H must always be used together</p> <p>(iii) If C is used, at least two of A, B and F must also be used</p> <p>(iv) C and H cannot be used together</p> <p>(v) E, F and Z cannot all be used in a same nutrient</p> <p>(vi) A, D, and Z cannot all be used in the same nutriment</p> <p>Q: Which of the following cannot be included in a nutriment that contains E?</p>	<p>A. B B. D C. H D. F E. Z</p>
2	<p>Six scientists A, B, C, D, E and F are to present a paper each at a one-day conference. Three of them will present their paper in the morning session before the lunch break whereas the other three will present in the afternoon session. The lectures have to be scheduled in such a way that they comply with the following restrictions:</p> <p>B should present his paper immediately before C's presentation; their presentations cannot be separated by the lunch break. D must be either the first or the last scientist to present his paper.</p> <p>Q: In case F and E are the fifth and sixth presenters respectively then which of the following must be true?</p>	<p>A. A is first in the order of presenters. B. A is third in the order of presenter. C. A is fourth in the order of presenters. D. B is first in the order of presenters. E. C is fourth in the order of presenters.</p>
3	<p>An observatory is setting up a schedule for school children to view a returning comet. Five school classes K, L, N, O, and P-will each view the comet exactly once during the four nights. Monday through Thursday, of its maximum brightness. Excellent viewing conditions 'are predicated for all four nights. The scheduling is subject to the following constraints:</p> <p>At most two classes can view the comet on any given night.</p> <p>Class K cannot view the comet on the same night that Class N does.</p> <p>Class L must view the comet on a night prior to the night when Class P views the comet.</p> <p>Class O must view the comet on the same night that Class P does.</p> <p>Q: If Class O can view the comet neither on Wednesday nor on Thursday, which of the following must be true?</p>	<p>A. Class K view s the comet on Monday. B. Class L views the comet on Monday. C. Class L views the comet on Tuesday. D. Class N views the comet on Wednesday. E. Class views the comet on Thursday.</p>
4	<p>Follow us to the real Pakistan leaving behind the disturbances of civilization. Real Pakistan is still inhabited by the eagle, the cow, the black deer, and tigers; it is still spacious, sprawling, and majestic. Experience the freedom and serenity still to be found in -----.</p> <p>Q: About 20 percent of Pakistani husband think that wives with school going children should work outside the home. Only 10 percent of Iranian husband approves of mothers working if school going children live at home. Every other Pakistani wife and every third Iranian wife with school going children has a job outside her home. If the above statement is correct, which of the following must be true?</p>	<p>A. Iranian women have fewer children than Pakistani women. B. Iranian husband would seem to be less satisfied about working wives who have school going children than Pakistani husbands. C. More Iranian than Pakistani wives work outside the home. D. Iranian husband is hiving more conservative attitudes than Pakistani husbands. E. Employment opportunities for Pakistani wives are greater than Iranian wives.</p>

5 Selfishness is a principal evil in our society. Every person is concerned with only himself. Personal advancement is the only motivating force in the world today. This does not mean that individuals are not 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: Many people especially the experts in the field of forestry are against all forest fires. They demand that all forest fires show that in the long run, forest fires may in fact, be beneficial to the ecology as a whole. Among the following, which statement would logically follow from one of the observations referred to in the passage above?

- A. The reason of almost all forest fires is natural.
- B. Human beings try to extinguish the fire for gaining heat.
- C. Studies indicate that forest fires regularly occurred in the times prior to human occupation of forest areas.
- D. The animal and plant life destroyed by forest fires seldom represents endangered species.
- E. Occasionally, the small fire prevents a large scale fire by the accumulation of flammable materials.

6 Nine Individuals – Z, Y, X, W, V, U, T, S AND R are the only candidates, who can serve on three committees labeled A, B and C.

Each candidate should serve on exactly one of the committees.

Committee A should consist of exactly one member more than that of committee.

It is possible that there are no members of committee C. Among Z, Y and X none can serve on committee A. Among W, V and U none can serve on committee C. Among T, S and R none can serve on committee C.

Q: In case T, S and X are the only individuals serving on committee B, the total membership of committee C should be:

- A. Z and Y
- B. Z and W
- C. Y and V
- D. Y and U
- E. X and V

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At most two classes can view the comet on any given night.

Class K cannot view the comet on the same night that Class N does.

Class L must view the comet on a night prior to the night when Class P views the comet.

Class O must view the comet on the same night that Class P does.

Q: If Class N Views the comet on Thursday, which of the following could be true?

- A. Class P views the comet on Tuesday.
- B. Class O views the comet on Thursday.
- C. Class L views the comet on Tuesday.
- D. Class L views the comet on Wednesday.
- E. Class K views the comet on Thursday.

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Q: In an examination, Rizwana has more marks than Fauzia. Shugufta has fewer marks than Zahid. Fauzia and Abid have more marks than Shugufta. If the above is true, which of the following must also be true?

- A. Fauzia has fewer marks than Shugufta.
- B. Rizwana has more marks than Shugufta
- C. Fauzia has fewer marks than Zahid.
- D. Zahid has more marks than Rizwana.
- E. Zahid has more marks than Abid.

9 At IOWA University, Students of Economics must complete a total to twelve courses selected from three different parts of the syllabus Comparative economics, environmental economics, and regional economics... in order to graduate, the students must meet the following course distribution requirements:

(i) At least six of the required twelve course must be from the environmental economics.

(ii) At least five of the required twelve courses must be from comparative economics and regional economics, with at least one, but no more than three, selected from comparative economics.

Q: The minimum number of regional economics courses required to fulfil the course distribution requirements is

- A. 1
- B. 3
- C. 5
- D. 2
- E. 4

Follow us to the real Pakistan leaving behind the disturbances of civilization. Real Pakistan is still inhabited by the eagle, the cow, the black deer, and tigers; it is still precious, enviable, and majestic. Experience the freedom and serenity still to be

- A. The natural beauty of our land
- B. The fascinating urban centers
- C. The wild terrain of MMER

- 10 spacious, sprawling, and majestic. Experience the freedom and serenity still to be found in -----.
- Q: Choose the best option to complete the above statement:
- C. The mid terrain of NWFP
D. One's own subconscious
E. The great sprawling cities of the upper Pakistan

- A chemist is preparing a nutriment using eight different vitamins and minerals ...A, B, C, D, E, H, F(Ferric), and Z(Zinc). According to the recipes, the following requirements apply to the use of ingredients:
- (i) If B is used, both C and Z must also be used
- (ii) E and H must always be used together
- 11 (iii) If C is used, at least two of A, B and F must also be used
- (iv) C and H cannot be used together
- (v) E, F and Z cannot all be used in a same nutrient
- (vi) A, D, and Z cannot all be used in the same nutriment
- Q: Which of the following is a suitable combination of vitamins and minerals for a nutriment?
- A. A, B, C, F
B. D, E, H, Z
C. A, D, E, Z
D. C, D, E, F
E. E, H, F, Z

- Selfishness is a principal evil in our society. Every person is concerned with only himself. Personal advancement is the only motivating force in the world today. This does not mean that individuals are not 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.
- 12 Q: Classical songs occupy a unique and peculiar position in every culture. They are imperishable as cultural landmarks, but the emotions expressed in some of the folks are often superseded by newer tunes. However, the classics survive just as heritage, as imposing features of the society, yet unsuited for habitation unless remodeled. The principle point put forth in the above passage is that classical works
- A. Are ignored by young generation
B. Are an obstacle in the development in new tunes
C. Should be stored in museums.
D. Lose their distinctive features as time passes.
E. Need our respect and admiration even if their tunes and ideas they express are no longer current.

- One's ability to adjust in an environment successfully leads to happiness. War at a universal level destroys the weaker people, who are the most unable to adjust to their environment. Thus, war at the universal level puts weakling out of their misery and allows more space for their predators to enjoy life in a better manner. As those actions have to be performed, which maximize the level of happiness of the greatest number, war at a universal level should take place.
- 13 Q: What response would the author of the above discussion come up with, in the case of the objection that the weaklings far exceed strong people?
- I- He would respond with statement that the person making the objection is a weakling.
- II- He would respond by saying that weaklings will be miserable no matter what happens.
- III- He would respond with statement that the strong would be frustrated if the weaklings are destroyed.
- A. I only
B. II only
C. III only
D. I and II only
E. II and III only

- Three girls Joan, Rita and Kim and two boys Tim and Steve are the only dancers in a dance program, which consists of six numbers in this order: One a duet; two a duet; three a solo; four a duet; five a solo; and six a duet.
- 14 None of the dances is in two consecutive numbers or in more than two numbers. The first number in which Tim appears is the one that comes before the first number in which Kim appears.
- The second number in which Tim appears is one that comes after the second number in which Kim appears.
- Q: Rita must perform only in duets if
- A. Kim is in number two
B. Kim is in number five
C. Tim is in number one
D. Tim is in number two
E. Tim is in number six

Follow us to the real Pakistan leaving behind the disturbances of civilization. Real Pakistan is still inhabited by the eagle, the cow, the black deer, and tigers; it is still

A. Dieticians do not work seriously so the people are not satisfied with their treatment

- spacious, sprawling, and majestic. Experience the freedom and serenity still to be found in -----.
- 15 Dieticians claim that those people who seek help to quit the habit of over eating, are unable to stop overeating. Therefore, doctors have concluded that success in breaking such habit is rare. A large-scale survey shows that thousands of people have quit the habit of over eating. If both of the statements above are correct, an explanation that resolves their apparent contradiction is.
- Two or more tealeaves out of five varieties – Livana, Mathia, Novajana, Oxia, and Piask are used in making all branded by a marketer following the rues given below.
- A brand containing Livana, should also contain Novajana twice that of Livana.
- A brancd containing Mathia, must also have equal quantity of Oxia.
- 16 A single brand never contains Novajana as well as Oxia.
- Oxia and Piask should not be used together.
- A blend containing Piask should contain it in such a proportion that the total amount of Piask present should be greater than the total amount of the other tealeaves
- Q: Among the below mentioned brands, which can be made agreeable by eliminating some or all of one type of tealeaves?
- In an in vitro study, 160 white cars were injected with Salt X. 160 other white cats injected with placebo. In two weeks, 39% of the white cats, who were injected with Salt X showed symptoms of Kay fever. Hence, it can be concluded that Kay fever is caused by some elements similar to the elements in Salt X.
- 17 Q: Which of the following statements would most seriously weaken the above discussion?
- 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:
- 18 A must be shown earlier than C.
- B must be shown earlier than D.
- E should be the fifth film shown.
- Q: In case B, D and E are to be shown one after the other in the given order, the position from first to fifth in which A could possibly be shown is
- A bus has exactly six stops on its route. The bus first stops at stop one and then at stops two, three, four, five and six respectively. After the bus leaves stop six, the bus turns and returns to stop one and repeats the cycle. The stops are at six buildings that are, in alphabetical order L, M, N, O, P and Q.
- 19 P is the third stop. M is the sixth stop. The stop O is the stop immediately before Q. N is the stop immediately before L.
- Q: In case L is the second stop, which among the following must be the stop immediately before M?
- A bus has exactly six stops on its route. The bus first stops at stop one and then at stops two, three, four, five and six respectively. After the bus leaves stop six, the bus turns and returns to stop one and repeats the cycle. The stops are at six buildings that are, in alphabetical order L, M, N, O, P and Q.
- 20 P is the third stop. M is the sixth stop. The stop O is the stop immediately before Q. N is the stop immediately before L.
- Q: In case N is the fourth stop, which among the following must be the stop immediately before P?
- B. The survey was conducted at only the posh areas of big cities, so it is based on wrong sample
C. Will power play vital role in success to quit such habits
D. People need more food.
E. Those who succeeded in quitting the over eating did not go to dieticians for treatment and so are not included in the dieticians' data
- A. One part Livana, one part Mathia, one part Novajana, four parts Piask
B. One part Livana, two parts Novajana, one part Oxia, four parts Piask
C. One part Livana, one part Mathia, one part Oxia, one part Piask
D. Two parts Livana, two parts Novajana, one part Oxia, two parts Piask
E. Two parts Mathia, one part Novajana, two parts Oxia, three parts Piask
- A. People suffering from Kay fever are the victims of the golden viper of Sindh.
B. One among the 160 white cats had already showed symptoms of Kay fever prior to the experiment.
C. The natural habitats of white cats does not contain any of the elements found in Salt X.
D. The 160 white cats used in the experiment were kept isolated from each other.
E. The scientists administered the injections being ignorant of the contents of the salt used.
- A. Second.
B. First
C. Third
D. Fifth
E. Fourth
- A. N
B. L
C. P
D. O
E. Q
- A. O
B. Q
C. N
D. L
E. M

immediately before F :
