

Analytical Test for HEC HAT 3 Arts & Humanities, Social Sciences

Sr	Questions	Answers Choice
1	Choose the answer you think is most appropriate among the given options. 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 papers in the morning session before the lunch break whereas the other three will be presented in the afternoon session. The lectures have to be scheduled in such a way that they comply with the following restrictions: B's 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. 48. In case F and E are the fifth and sixth presenters respectively then which of the following must be true?	<p>A. A is first in the order of presenters.</p> <p>B. A is third in the order of presenters.</p> <p>C. A is fourth in the order of presenters.</p> <p>D. B is first in the order of presenters.</p> <p>E. C is fourth in the order of presenters.</p>
2	Choose the answer you think is most appropriate among the given options. On a factory control room, there are three ON-OFF switches on central control panel, labeled A, B, and C. They are changed from setting to a required setting based on the following rules: In case only switch A is ON in the default setting, then turn switch B ON. In case switches A and B are the only switches ON in the default setting, then turn the switch C ON. In case all the three switches are ON in default setting then turn the switch C OFF. For any other default setting, turn ON all switches that are OFF all switches, if any that are ON. 34. Which of the following default settings leads to a second setting, where only one switch is OFF?	<p>A. A ON, B ON, C OFF.</p> <p>B. A ON, B OFF, C ON.</p> <p>C. A OFF, B ON, C ON.</p> <p>D. A OFF, B ON, C OFF.</p> <p>E. A OFF, B OFF, C OFF.</p>
3	Choose the answer you think is most appropriate among the given options. 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. 37. Which among the following is an acceptable order for showing the educational films?	<p>A. A, C, B, D, E</p> <p>B. A, C, D, E, B</p> <p>C. B, D, C, A, E</p> <p>D. B, D, E, A, C</p> <p>E. E, B, C, A, D</p>
4	Choose the answer you think is most appropriate among the given options. Two or more tealeaves out of five varieties-- Livana, Mathia, Novajana, Oxia, and Piask are used in making all branded blends by a marketer following the rules given below. A brand containing Livana should also contain Novajana twice that of Livana. A brand containing Mathia must also have equal quantity of Oxia. 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. 9. Among the following the addition of which combination would make a brand containing two parts Novajana and one part Piask conformable with the conditions?	<p>A. One part Livana</p> <p>B. One part Mathia</p> <p>C. Two parts Novajana</p> <p>D. One part Oxia</p> <p>E. Two parts Piask</p>
5	Choose the best answer; that is the response that most accurately and completely answers the question. About 20 percent of Pakistani husband think that wives with school going children to work outside the home. Only 10 percent of Iranian husband approves of mothers working if school going children live at home. Every day Pakistani wife and every third Iranian wife with school going children has a job outside her home. If above statement is correct, which of the following must be true?	<p>A. Iranian women have fewer children than Pakistani women.</p> <p>B. Iranian husband would seem to be less satisfied about working wives who have school going children than Pakistani husbands.</p> <p>C. More Iranian than Pakistani wives work outside the home.</p> <p>D. Iranian husband is having more conservative attitudes than Pakistani husbands are.</p> <p>E. Employment opportunities for Pakistani wives are greater than for Iranian wives.</p>
6	Choose the best answer; that is the response that most accurately and completely answers the question. Follow is 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 _____. 7. Choose the best option to complete the above statement:	<p>A. The natural beauty of our land.</p> <p>B. The fascinating urban centers</p> <p>C. The wild terrain NWFP</p> <p>D. One's own subconscious</p> <p>E. The great sprawling cities of the upper Pakistan</p>
7	Choose the best answer; that is the response that most accurately and completely answers the question. In an examination Rizwana has more marks than the Fauzia Shugufta has fewer marks than the Zahid, Fauzia and Abid have more marks than Shugufta. If the above is true, which of the following must also be true?	<p>A. The Fauzia has fewer marks than the Shugufta.</p> <p>B. Rizwana has more points than the Shugufta</p> <p>C. Fauzia has fewer points than Zahid.</p> <p>D. Zahid has more points than the Rizwana.</p> <p>E. Zahid has more points than Abid.</p>
8	Choose the answer you think is most appropriate among the given options. 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. Committees A should consist of exactly one member more than that of committees B. It is possible that there are no members of committees 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 B. 47. Which of the following is a possible set of members for committee A?	<p>A. Y and T</p> <p>B. X and U</p> <p>C. Y, X and W</p> <p>D. W, V and U</p> <p>E. Z, X, U and R</p>

I, S and R none can serve on committee C.17. Among the following combinations which could constitute the membership of committee C?

9	<p>Choose the answer you think is most appropriate among the given options. Three men (Tahir, Pervaiz, and Javed) and three women (Elena, Ayesha, and Kiran) are spending a few months at Abbottabad. They are to stay in a row of nine cottages each one living in his or her own cottage. There are no others staying in the same row of houses. i. Ayesha, Tahir, and Javed do not want to stay in any cottage which is at the end of the row. ii. Elena and Ayesha are unwilling to stay besides any occupied cottage. iii. Kiran is next to Pervaiz and Javed. iv. Between Ayesha and Javed's cottage there is just one vacant house. v. None of the girls occupies adjacent cottages. vi. The house occupied by Tahir is next to an end cottage. 1. Which of the above statements can be said to have been derived from two other statements?</p>	<p>A. Statement 1 B. Statement 2 C. Statement 3 D. Statement 5 E. Statement 6</p>
10	<p>Choose the best answer; that is the response that most accurately and completely answers the question. Everything that the king knows necessarily is because even what we ourselves know necessarily is; and of course our knowledge is not as certain as Kings knowledge is. However no future contingent thing necessarily is. Among the following statements which naturally follows from the above:</p>	<p>A. There are no future contingent things. B. It is not true that the king has knowledge of only necessary things. C. The king has knowledge of no contingent future things. D. It is not possible for us to know the king. E. The king has knowledge of everything.</p>
11	<p>Choose the answer you think is most appropriate among the given options. Two or more tealeaves out of five varieties-- Livana, Mathia, Novajana, Oxia, and Piask are used in making all branded blends by a marketer following the rules given below. A brand containing Livana should also contain Novajana twice that of Livana. A brand containing Mathia must also have equal quantity of Oxia. 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. 10. Among the following which combination cannot be used together in an agreeable brand containing two or more types of tealeaves?</p>	<p>A. Livana and Mathia B. Livana and Novajana C. Livana and Piask D. Mathia and Oxia E. Piask and Novajana</p>
12	<p>Choose the best answer; that is the response that most accurately and completely answers the question. One's ability to adjust in 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 weaklings 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. 6. If Rubina was born in NWFP, then she is a citizen of Pakistan. The statement above can be deduced from which of the following statements?</p>	<p>A. Every citizen of the Pakistan is resident either of one of the province or of one of the tribal area. B. Rubina was born either in NWFP or in Sindh. C. Some people born in NWFP are citizen of Pakistan. D. Every one born in Pakistan is a citizen of Pakistan. E. Rubina is a citizen either of Pakistan or of any other country.</p>
13	<p>Choose the answer you think is most appropriate among the given options. 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 shown earlier than C. B must shown earlier than D. E should be the fifth film shown. 36. 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 is shown earlier than B B. B is shown earlier than C C. C is shown earlier than E D. D is shown earlier than A E. E is shown earlier than B</p>
14	<p>Choose the answer you think is most appropriate among the given options. 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 shown earlier than C. B must shown earlier than D. E should be the fifth film shown. 36. 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>
15	<p>Choose the answer you think is most appropriate among the given options. An Internal Services Manager at a large corporation has been assigned the task of allotting offices to six of the staff members. The offices are titled A through F. Mrs. Ruby needs to use the telephone quite often throughout the day. Mr. Mujahid and Mr. Zahid need adjacent offices as they need to consult each other often while working. Mrs. Fauzia is a senior employee and has to be allotted the office marked E, having the biggest window. Mr. Abid requires silence in the offices next to his. Mr. Shahid, Mr. Mujahid, and Mr. Abid are all smokers. Mrs. Fauzia requires non-smoker neighbors. Unless specifically stated all the employees maintain an atmosphere of silence during office hours. 6. The ideal office for Mr. Mujahid would be.</p>	<p>A. B B. F C. A D. C E. D</p>
16	<p>Choose the best answer; that is the response that most accurately and completely answers the question. Q.1-2. In an in vitro study 160 white cats were injected with Salt X. 160 other white cats were injected with placebo. In two weeks 39% of the white cats who were injected with Salt X showed symptoms of Key fever? Hence it can be concluded that key fever is caused by some elements similar to the elements in Salt X. 1. Which of the following statements would most seriously weaken the above discussion?</p>	<p>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.</p>
	<p>Choose the best answer; that is the response that most accurately and completely answers the question. Some cities are of the opinion that the intrinsic qualities of photography depend</p>	<p>A. The qualities of photography are not dependent on criticism. B. Critics possess knowledge of</p>

17	<p>on criticism and hence it is a matter of opinion. It is rather odd, though that in a legal connections serious critics themselves quite often behave as if they believed criticism to be a matter of opinion. Why be a critic and teach in universities in case criticism involves nothing but uttering capricious and arbitrary opinions? In the above argument the author is trying to convince that</p>	<p>B. Critics seem hypocritical. C. People can not judge the art work D. Photography is an art independent of your opinion. E. Artists should teach at universities.</p>
18	<p>Choose the answer you think is most appropriate among the given options. 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. 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. 42. In case N is the fourth stop, which among the following must be the stop immediately before P?</p>	<p>A. O B. Q C. N D. L E. M</p>
19	<p>Choose the best answer; that is the response that most accurately and completely answers the question. 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. 18. To fill in the blank in the above passage select one of the options from the below mentioned options:</p>	<p>A. We are always trying to undermine orders endeavors. B. People always deceive one another. C. Even close friends are not trustworthy. D. People want power to control others E. There are many occasions when we graciously offer our assistance.</p>
20	<p>Choose the best answer; that is the response that most accurately and completely answers the question. In an in vitro study 160 white cats were injected with Salt X. 160 other white cats were injected with placebo. In two weeks 39% of the white cats who were injected with Salt X showed symptoms of Key fever? Hence it can be concluded that key fever is caused by some elements similar to the elements in Salt X.2. Which of the following would most strengthen the argument above?</p>	<p>A. Some of the elements in Salt X are extracted from the root of a certain poisonous herb of Hunza. B. The blood test of the victims of Kay fever revealed the presence of a toxic element in their blood, normally found in salt X. C. Almost all the white cats died within two days after the first symptom appeared. D. Normally the rate of Kay fever among white cats is less than 0.01 %. E. Within two weeks about 40 % of the white cats who were injected with placebo also contracted Kay fever.</p>