

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

| Sr | Questions | Answers Choice |
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| 1 | Choose the answer you think is most appropriate among the given options. Multan Institute of Higher Studies planes 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.38. Which among the following is a pair of films that CANNOT both be shown earlier than E? | A. A and B B. A and D C. B and C D. B and D E. C and D |
| 2 | 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 say 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.2. How many of them occupy cottages next to a vacant cottage? | A. 2 B. 3 C. 4 D. 5 E. 6 |
| 3 | Choose the answer you think is most appropriate among the given options. New specie of bacteria A, causes the infectious disease A. The first symptoms appear after two days since the bacteria A enters the body of the victim. The carrier for the bacteria is some flies, mosquitoes, and bees. A mosquito bit Javed on Monday, February 6. Farooq worked with javed the next day, Tuesday, February 7. There were no other possibilities of exposure to disease A.24. In case javed showed symptoms of disease A. which of the following statements would be true?d. javed contracted the Disease A from Farooq.e. javed first noticed symptoms of Disease A on February 8.f. The fly that javed was bitten by was not a carrier of the bacteria A. | A. I only B. II only C. III only D. I and II only E. I and III only |
| 4 | Choose the best answer; that is the response that most accurately and completely answers the question. Many people especially the experts in the field of forestry are against all forest fires. They demand that all forest fires should be extinguished and let the forest die out by their own. The study of 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. |
| 5 | Choose the answer you think is most appropriate among the given options. New specie of bacteria A, causes the infectious disease A. The first symptoms appear after two days since the bacteria A enters the body of the victim. The carrier for the bacteria is some flies, mosquitoes, and bees. A mosquito bit Javed on Monday, February 6. Farooq worked with javed the next day, Tuesday, February 7. There were no other possibilities of exposure to disease A.26. In case javed displayed symptoms of disease A. which would be true?j. javed was also bitten by a fly on February 5.k. javed was bitten by a mosquito, which carried the bacteria A.I. Farooq contracted Disease A from Javed. | A. I only B. II only C. III only D. I and II only E. II and III only |
| 6 | 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 alloted 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 nonsmoker neighbors. Unless specifically stated all the employees maintain an atmosphere of silence during office hours. 6. The ideal office for Mr, Mujahid would be. | A. B B. F C. A D. C E. D |
| 7 | 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 C.13. Of the nine individuals, the largest number that can serve together on committee C is | A. 9 B. 8 C. 7 D. 6 E. 5 |
| 8 | 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.46. B could be placed for any of the following places in the order of presenters EXCEPT | A. First B. Second C. Third D. Fourth E. Fifth |

are renewing piaces in the order of presenters Exem 1 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 A. Livana and Mathia B. Livana and Novajana Livana should also contain Novajana twice that of Livana. A brand containing Mathia must 9 also have equal quantity of Oxia. A single brand never contains Novajana as well as Oxia. Oxia C. Livana and Piask and Piask should not be used together. A blend containing Piask should contain it in such a D. Mathia and Oxia proportion that the total amount of Piask present should be greater than the total amount of E. Piask and Novajana the other tealeaves10. Among the following which combination cannot be used together in an agreeable brand containing two or more types of tealeaves? 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 A. O B. Q C. N 10 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 D. L 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? A. A is first in the order of 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 B. A is third in the order of present their papers in the morning session before the lunch break whereas the other three presenters. C. A is fourth in the order of will be presented in the afternoon session. The lectures have to be scheduled in such a way 11 that they comply with the following restrictions:B's should present his paper immediately presenters. before C's presentation; their presentations cannot be separated by the lunch break.D must D. B is first in the order of be either the first or the last scientist to present his paper 48. In case F and E are the fifth presenters. and sixth presenters respectively then which of the following must be true? E. C is fourth in the order of presenters. Choose the answer you think is most appropriate among the given options. Four captains and the first mates of three of them were called to attend the annual meeting at head quarters. A. A spoke sometime before L The captains were Luqman, Manzoor, Nauman and Osaf: the first mates were Ayesha, Durya B. D spoke sometime Before O and Gia. Each person in turn delivered a report to the chairperson as follows: Each of the first 12 C. L spoke sometime Before O. mates delivered their report exactly after her captain. The first captain to speak was D. O spoke sometime Before L. Manzoor, and captain Nauman spoke after him. (Represent the person with first letter of his E. O spoke sometime Before N. name)19. In case A is the third of the first mates to speak, and L is the captain whose first mate is not present, which among the following statements must be true? 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 A. First present their papers in the morning session before the lunch break whereas the other three B. Second will be presented in the afternoon session. The lectures have to be scheduled in such a way 13 C. Third that they comply with the following restrictions: B's should present his paper immediately D. Fourth 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.45. In case C is to be the fifth scientist to present his paper, then B must be. Choose the best answer; that is the response that most accurately and completely answers A. Extend his support to me the question. If i am elected. I will fight for changes effecting the growth and prosperity of the B. Make his mind clear C. Stop lying to the public 14 poor. We will work together to do away with the bureaucratic bogs which have existed ever since my opponent took office. Every one of you knows what I stand for; I invite my opponent D. Hand in his resignation graciously E. Get our city more federal aid A. The number of total hotel rooms has increased. B. Average expenditure per room Choose the best answer; that is the response that most accurately and completely answers has increased. the question. In 1970, Shaheen Inn earned Rs, 10 million in hotel business. By 1990, revenue C. The number of customers has 15 doubled and in 2000, it reached the sum of Rs. 40 millions Each of the following if true may increased from 1970 to 1990. explain the trend in hotel business except. D. Average stay per customer has increased. E. The average price of customer services has increased. A. The most profitable producer in the city receives revenue from its subscribers as well from advertisers. B. Advertisers generally switch from the most popular channel to another Choose the best answer; that is the response that most accurately and completely answers one only when the other one the question.Drama Producers earn their profits primarily from advertising revenue, and becomes the most popular instead. potential advertises are more likely to advertise in TV with a wide network, a large number of C. The number of channels competing viably with the most 16 cable operators and other views than with other channels However the coverage of the channel that is currently the most popular one in this city has steadily declined during the last profitable channel in the city has two years, while the coverage of one of its competitors has steadily increased. Any of the increased during the last two years following if true would help explain the apparent discrepancy between the two statements D. The network of the most profitable above EXCEPT: TV channel in the city is still greater than of any of its competitors. E. Advertising rates charged by the most profitable TV channel in the city are significantly higher than those charged by its competitors. A. Regular book readers are most susceptible to eye diseases. Choose the best answer; that is the response that most accurately and completely answers B. Reader often exaggerate about the question. Many people do not read the books they purchase For example seventeen their book reading.

percent of college students in Pakistan have text books but only forty-five percent of them

| | 17 | read more than once a year, and only seventeen percent read more than once a week which of the following if true casts doubt on the claim that most people read the books they purchase? | pretend themselves as a scholar D. The sale of novels is more than that of other types. E. Reading speed is increased by frequent readings. |
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| | 18 | 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 say 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? | A. Statement 1 B. Statement 2 C. Statement 3 D. Statement 5 E. Statement 6 |
| | 19 | Choose the answer you think is most appropriate among the given options. Four captains and the first mates of three of them were called to attend the annual meeting at head quarters. The captains were Luqman, Manzoor, Nauman and Osaf: the first 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 her captain. The first captain to speak was Manzoor, and captain Nauman spoke after him. (Represent the person with first letter of his name) 22. In case L speaks after A, and A is the third of the first mates to speak, then among the following statements which would be untrue? | A. O spoke immediately after G B. The order of the first four speakers was M, G, N, D C. O's first fourth mate was present D. A was the fourth speaker after M E. The captains spoke in the order M, N, O, L |
| | 20 | Choose the answer you think is most appropriate among the given options. New specie of bacteria A, causes the infectious disease A. The first symptoms appear after two days since the bacteria A enters the body of the victim. The carrier for the bacteria is some flies, mosquitoes, and bees. A mosquito bit Javed on Monday, February 6. Farooq worked with javed the next day, Tuesday, February 7. There were no other possibilities of exposure to disease A.28. In a particular code, the digits from 0 to 9 inclusive are each represented by a different letter of the alphabat, the letter always representing the same digit. In case the following sumZ M P Z+ S K Z | A. Z cannot be 0. B. Z must be less than 5. C. Q must be even. D. M + S must be greater than 8. E. C must be greater than Z by 1. |