

Analytical Test for HEC HAT 4 Biological, Medical Sciences

Sr	Questions	Answers Choice
1	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. l. Farooq contracted Disease A from Javed.	<ul style="list-style-type: none"> A. I only B. II only C. III only <li style="color: green;">D. I and II only E. II and III only
2	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?	<ul style="list-style-type: none"> A. A B. B <li style="color: green;">C. C D. D E. E
3	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:	<ul style="list-style-type: none"> <li style="color: green;">A. The natural beauty of our land. B. The fascinating urban centers C. The wild terrain NWFP D. One's own subconscious E. The great sprawling cities of the upper Pakistan
4	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. 47. In case F is to present his paper immediately after D presents his paper, C could be scheduled for which of the following places in the order of presenters?	<ul style="list-style-type: none"> A. First B. Second C. Third D. Fourth <li style="color: green;">E. Fifth
5	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. 4. The author's discussion would be greatly weakened, if he agreed to which of the following? i. Technology could change the environment. ii. War at the universal level would be an integral part of the environment. iii. It is possible for the strong to survive without suppressing the weak.	<ul style="list-style-type: none"> <li style="color: green;">A. I only B. II only C. III only D. I and III only E. I, II and III only
6	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?	<ul style="list-style-type: none"> <li style="color: green;">A. A is first in the order of presenters. B. A is third in the order of presenters. 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.
7	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. 19. Which among the following options would most strongly contradict the author's attitude towards society?	<ul style="list-style-type: none"> <li style="color: green;">A. The greatest strength of society is altruism. B. We must all learn the art of love. C. Our short-term actions may contradict our long-term goals D. Morality is the bedrock of a growing community. E. The forces of good will ultimately triumph over evil.
8	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 _____, 8. The above paragraph is most likely to appear in which of the following?	<ul style="list-style-type: none"> A. A Guide to Wild life in Pakistan B. Exploring the great Outdoors C. The Quiet Beauty of Harppa <li style="color: green;">D. How the Eagle Became Extinct E. Returning of Pakistan.
	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	<ul style="list-style-type: none"> A. Every citizen of the Pakistan is resident either of one of the province or of on of the tribal area. B. Rubina was born either in NWFP

9	<p>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>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>
10	<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.44. In case a passenger gets on the bus at O, rides past one of the stops, and gets off at P, which of the following must be true?</p>	<p>A. O is stop one. B. Q is stop three. C. P is stop four. D. N is stop five. E. L is stop six.</p>
11	<p>Choose the best answer; that is the response that most accurately and completely answers the question.Many people do not read the books they purchase For example seventeen percent of college students in Pakistan have text books but only forty-five percent of them 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?</p>	<p>A. Regular book readers are most susceptible to eye diseases. B. Reader often exaggerate about their book reading. C. Many people buy books to 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.</p>
12	<p>Choose the best answer; that is the response that most accurately and completely answers the question.The Rawalpindi city council started a publicity campaign for convincing the people to use public transport rather than their own transport in the city. After two months later there was a decrease in private transport on the roads in the mid city area, The city council claimed that their publicity campaign was successful to convince people to leave their cars at home and ride the city bus service to work. Which of the following if true create the most serious doubt on the conclusion drawn above?</p>	<p>A. There was a subsequent increase in the use of CNG. B. The busiest roads of the city have been damaged because if continual floods in Nala Layee for last five months. C. People are busy enough to bring their vehicles on the roads. D. City council expended a lot of money to make the campaign successful. E. The number of cars has increased due to Bank loaning in the city.</p>
13	<p>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.31. In case all the three switches are ON in the second setting, which among the following could have been the default setting?</p>	<p>A. A ON, B ON, C ON. B. A ON, B ON, C OFF. C. A ON, B OFF, C ON. D. A ON, B OFF, C OFF. E. A OFF, B ON, C OFF.</p>
14	<p>Choose the best answer; that is the response that most accurately and completely answers the question. Classical music occupies 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 feature of the society yet unsuited for habitation unless remodeled The principal point put forth in the above passage is that classical works.</p>	<p>A. Ignored by young generation B. Is 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.</p>
15	<p>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.40. In case B, D and E are to be shown one after the order in the given order. the two positions from first to fifth in which A could possibly be shown are</p>	<p>A. First and second. B. First and fourth. C. Second and third. D. Third and fifth. E. Fourth and fifth.</p>
16	<p>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)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?</p>	<p>A. A spoke sometime before L. B. D spoke sometime Before O. C. L spoke sometime Before O. D. O spoke sometime Before L. E. O spoke sometime Before N.</p>
17	<p>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.15. In case any of the nine individuals serves on committee C, which among the following could not be the candidate to serve on committee A?</p>	<p>A. R B. Y C. W D. T E. S</p>
	<p>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 and the other three</p>	<p>A. First</p>

- 18 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. 45. In case C is to be the fifth scientist to present his paper, then B must be.
- 19 Choose the answer you think is most appropriate among the given options. 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; three a solo; four a duet; five a solo; and six a duet. None of the dancers 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 second number in which Kim appears. 49. Rita must perform only in duets if
- 20 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. 14. In case R is the only individual serving on committee B, which among the following should serve on committee A?
- B. Second
C. Third
D. Fourth
E. Sixth
- 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
- A. W and S
B. V and U
C. V and T
D. U and S
E. T and S