Analytical Test for HEC HAT 4 Biological, Medical Sciences

Sr	Questions	Answers Choice
1	Choose the best answer; that is the response that most accurately and completely answers the question.Drama Producers earn their profits primarily from advertising revenue, and potential advertises are more likely to advertise in TV with a wide network, a large number of 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 two years, while the coverage of one of its competitors has steadily increased. Any of the following if true would help explain the apparent discrepancy between the two statements above EXCEPT:	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 one only when the other one becomes the most popular instead. C. The number of channels competing viably with the most profitable channel in the city has increased during the last two years. D. The network of the most profitable 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.
2	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?	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.
3	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?	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.
4	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:	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.
5	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?	A. The Fauzia has fewer marks than the Shugufta. B. Rizwana has more points than the Shugufta C. Fauzia has fewer points than Zahid. D. Zahid has more points than the Rizwana. E. Zahid has more points than Abid.
6	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:	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.

7	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. Wat 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?	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 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.
8	Choose the best answer; that is the response that most accurately and completely answers the question. Muzzaffar is a terrible driver. He had ten traffic violations in the past year, Which of the following can be said about the above claim?	A. Muzzaffar does not know how to drive B. Muzzaffar is an addict of drugs C. It is obvious that everyone make accidents in bad weather. D. Some thing, in this argument is hidden. E. The given statement is wrong.
9	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. Wat 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 br 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.	A. I only B. II only C. III only D. I and III only E. I, II and III only
10	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?	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.
11	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 time?	A. Iranian women have fever 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 having more conservative attitudes than Pakistani husbands are. E. Employment opportunities for Pakistani wives are greater than for Iranian wives.
12	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.
13	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. Wat 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.5. 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 the statement that the person making the objection is a weakling.II.He would respond by saying that weaklings will be miserable no matter what happiness.III He would	A. I only B. II only C. III only D. I and II only E. II and III only

	respond with the statement that the strong would be frustrated if the weaklings are destroyed.	
14	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.3. Wall chalking on public property should be outlawed. Radicals and fanatics have no right to use public property when promoting their unsavory views. The argument above is based on the idea.	A. The general public has an interest in the free exchange of different political views. B. Every person who uses wall chalking for the promotion of ideas is a radical or fanatic, C. Radicals and fanatics prefer the use of public property while propagating their viewpoint. D. Legal constraints should be equal for all E. Any promotional activity which is against public interest should be protected by law
15	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?	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.
16	Choose the best answer; that is the response that most accurately and completely answers the question.Our beliefs regarding the world cannot be certain. Even well confirmed scientific theory is likely to change over a short period if we do not try to understand then it is like to be away from the human race. Undoubtedly life is worth living in other respects as it is no mean thing to be an animal. It is also true that a man wishes to see this speculative domain beyond his next breakfast. From the above discussion it can be concluded that the author believes that	A. Men spend a lot of time on thinking about future B. Science is the major hurdle in development C. Life in contingent so a man should not think about his future. D. Man is a social animal E. Men are different from animals on the basis of their reasoning abilities
17	Choose the best answer; that is the response that most accurately and completely answers the question.If i am elected. I will fight for changes effecting the growth and prosperity of the 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 to.....	A. Extend his support to me B. Make his mind clear C. Stop lying to the public D. Hand in his resignation graciously E. Get our city more federal aid
18	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 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	A. The qualities of photography are not dependent on criticism. 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.
19	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:	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
20	Choose the best answer; that is the response that most accurately and completely answers the question.In 1970, Shaheen Inn earned Rs,10 million in hotel business. By 1990, revenue doubled and in 2000, it reached the sum of Rs. 40 millions Each of the following if true may explain the trend in hotel business except.	A. The number of total hotel rooms has increased. B. Average expenditure per room has increased. C. The number of customers has increased from 1970 to 1990. D. Average stay per customer has increased. E. The average price of customer services has increased.