HEC HAT 4 Agriculture, Biological and Physical Science

Sr	Questions	Answers Choice
1	**Choose a related pair of words or phrases** ALTIMETER : HEIGHT	A. Speedometer : Speed B. Observatory : Constellation C. Racetrack : Furlong D. Vessel : Knots
2	Educational planning should aim at meeting the educational needs of the entire population of all age groups while the traditional structure of education as a three hierarchy from the primary stage to the university represents the core we should not overlook the periphery which is equally important under modern conditions workers need to rewind or renew their enthusiasm or strike out in a new direction or improve their skills as much as any university professor the retired and the aged have their needs as well Educational planning in their words should take care of the needs of everyone.Our structures of education have been built up on the assumption that there is a terminal point to education This basic defect has become all the more harmful today A UNESCO report entitled Learning to Be prepared by Edgar Faure and others in 1973 asserts that the education of children must prepare the future adult for various form of self-learning A viable education system of the future should consist of modules with different kinds of functions serving a diversity of constituents And performance not the period of study should be the basis for credentials The writing is already on the wall.In view of the fact that the significance of a commitment of lifelong learning and lifetime education is being discussed only in recent years even in educationally advanced countries the possibility of the idea becoming an integral part of educational thinking seems to be a far cry for to move in that direction means such more than some simple rearrangement of the present organization of education but a good beginning can be made by developing Open University programs for older learners of different categories and introducing extension services in the conventional colleges and schools Also these institutions should learn to cooperate with the numerous community organizations such as libraries museums municipal recreational programs health services etc.g. According to the author what should be the basis for a awarding credentials?	A. Duration of the course B. Competence of the course teachers C. Diversity of the topics covered D. Real grasp of matter or skill
3	Select the choice closest in meaning to the main word. He had the nerve to suggest that I was cheating.	A. Strength B. Capacity C. Audacity D. Courage
4	Indolence is related to Work in the same way as Taciturn is related to.....	A. Observe B. Speak C. Cheat D. Act
5	Sirlus is related to Star in the same way as Cygnus is related to.....	A. Constellation B. Asteroid C. Galaxy D. Meteor
6	Accident is related to Carefulness in the same way as Disease is related to.....?	A. Sanitation B. Treatment C. Medicine D. Doctor
7	**Choose the words or phrases that is most opposite in meaning to the word.** EXTENSION	A. Condensation B. Subtraction C. Deletion D. Weakening
8	**Choose the words or phrases that is most opposite in meaning to the word.** BASHFUL	A. Daring B. Boastful C. Upright D. Confident
9	**Choose the words or phrases that is most opposite in meaning to the word.** FRAILTY	A. Emaciation B. Strength C. Health D. Boldness
10	**Choose the words or phrases that is most opposite in meaning to the word.** BEAUTIFUL	A. Ugly B. Dark C. Rough D. Dirty
11	**Choose a related pair of words or phrases** LIKELY : PROBABILITY	A. Sailor : Mutineer B. Bright : radiance C. Funereal : eulogy

D. Defying : enemy

12	The public distribution system which provides food at low prices is a subject of vital concern there is a growing realization that though Pakistan has enough food to feed its masses three square meals a day the monster of starvation and food insecurity continues to haunt the poor in our country.Increasing the purchasing power of the poor through providing productive employment leading to rising income and thus good standard of living is the ultimate objective of public policy however till then there is a need to provide assured supply of food through a restructured more efficient and decentralized public distribution system (PDS).Although the PDS is extensive it is one of the largest such system in the world it has yet to reach the rural poor and the far off places it remains an urban phenomenon with the majority of the rural poor still out of its reach due to lack of economic and physical access the poorest in the cities and the migrants are left out for they generally do not possess rations cards.The allocation of PDS urgently needs to be streamlined in addition considering the large food grams dismal poverty of the rural population on the other there is a strong case for making PDS target group oriented.The growing salaried class is provided job security regular income and percent insulation against inflation these gains of development have not percolated down to the vast majority of our working population if one compares only dearness allowance to the employees in public and private sector and looks at its growth in the past few years the rising food subsidy is insignificant to the point of inequity the food subsidy is a kind D.A to the poor the self employed and those in the unorganized sector of the economy However what is most unfortunate is that out of the large budget of the so-called food subsidy the major part of it is administrative cost and wastage's a small portion of the above budget goes to the real consumer and an even lesser portion to the poor who are in real need.It is true that subsidies should not become a permanent feature except for the destitute disabled widows and the told It is also true that subsidies often create a psychology of dependence and hence is habit-forming killing the general initiative of the people by making PDS target group oriented not only the poorest and neediest would be reached without additional cost but it will actually cut overall costs incurred on large cities and for better off localities when the food and food subsidy are limited the rural and urban poor should have the priority in the PDS supplies The PDS should be closely linked with programs of employment generation and nutrition improvement.h. Which of the following according to the passage is compared with dearness allowance?	A. Food for work program B. Unemployment allowance C. Food subsidy D. Procurement price of food grains
13	Educational planning should aim at meeting the educational needs of the entire population of all age groups. While the traditional structure of education as a three layer hierarchy from the primary stage to the university represents the core, we should not overlook the periphery which is equally important. Under modern conditions, workers need to rewind, or renew their enthusiasm, or strike out in a new direction, or improve their skills as much as any university professor. The retired and the aged have their needs as well. Educational planning, in their words, should take care of the needs of everyone. Our structures of education have been built up on the assumption that there is a terminal point to education. This basic defect has become all the more harmful today. A UNESCO report, titled "Learning to Be" prepared by Edgar Faure and others in 1973 asserts that the education of children must prepare the future adult for various forms of self-learning. A viable education system of the future should consist of modules with different kinds of functions serving a diversity of constituents. And performance, not the period of study, should be the basis for credentials. The writing is already on the wall. In view of the fact that the significance of a commitment of lifelong learning and lifetime education is being discussed only in recent years even in educationally advanced countries, the possibility of the idea becoming an integral part of educational thinking seems to be a far cry. For, to move in that direction means much more than some simple rearrangement of the present organization of education. But a good beginning can be made by developing Open University programs for older learners of different categories and introducing extension services in the conventional colleges and schools. Also, these institutions should learn to cooperate with the numerous community organizations such as libraries, museums, municipal recreational programs, health services etc. Q: Which of the following best describes the purpose of the author?	A. To criticize the present educational system B. To strengthen the present educational practices C. To support non-conventional educational organizations D. To present a pragmatic point of view.
14	**Sentence Completion** Ozone in the Earth's atmosphere _____living organisms from damaging ultraviolet radiation.	A. Protects B. Warms C. Reflects D. Absorbs
15	The history of literature can be traced to the earliest forms of the arts. Man danced for joy round his primitive camp fire after the defeat and slaughter of his enemy. He yelled and shouted as he danced and gradually the yells and shouts became coherent and caught the measure of the dance and thus the first war song was sung. As the idea of God developed, prayers were framed. The songs and prayers became traditional and were repeated from one generation to another, each generation adding something of its own. As man slowly grew more civilized, he was compelled to invent some method of writing due to three urgent necessities. There were certain things that it was dangerous to forget and which, therefore, had to be recorded. It was often necessary to communicate with persons who were some distance away and it was necessary to safeguard one's property by making appropreiate tools and taking protective measure in a distinctive manner. So man taught himself to write and having learned to write, purely for utilitarian reasons, he	A. Added something of its own to the stock B. Blindly repeated the songs and prayers C. Composed its own songs and prayers D. Repeated what was handed down to it

	man taught himself to write and having learned to write, purely for utilitarian reasons, he used this new method for preserving his war songs and his prayers. Of course, among these ancient peoples, there were only a very few individuals who learned to write, and only a few could read what was written. Q: As for the was songs and prayers each generation	
16	**Choose a related pair of words or phrases** ICE : SWELL	A. Escape : manacles B. Cramp : stress C. Antiseptic : infect D. Regicide : ruler
17	**Choose the words or phrases that is most opposite in meaning to the word.** BOMBASTIC	A. Creative B. Selfish C. Artistic D. Polite E. Overbearing
18	Educational planning should aim at meeting the educational needs of the entire population of all age groups while the traditional structure of education as a three hierarchy from the primary stage to the university represents the core we should not overlook the periphery which is equally important under modern conditions workers need to rewind or renew their enthusiasm or strike out in a new direction or improve their skills as much as any university professor the retired and the aged have their needs as well Educational planning in their words should take care of the needs of everyone.Our structures of education have been built up on the assumption that there is a terminal point to education This basic defect has become all the more harmful today A UNESCO report entitled Learning to Be prepared by Edgar Faure and others in 1973 asserts that the education of children must prepare the future adult for various form of self-learning A viable education system of the future should consist of modules with different kinds of functions serving a diversity of constituents And performance not the period of study should be the basis for credentials The writing is already on the wall.In view of the fact that the significance of a commitment of lifelong learning and lifetime education is being discussed only in recent years even in educationally advanced countries the possibility of the idea becoming an integral part of educational thinking seems to be a far cry for to move in that direction means such more than some simple rearrangement of the present organization of education but a good beginning can be made by developing Open University programs for older learners of different categories and introducing extension services in the conventional colleges and schools Also these institutions should learn to cooperate with the numerous community organizations such as libraries museums municipal recreational programs health services etc.j. Integrating the concepts of lifelong learning with the educational structure would imply	A. Closing down conventional schools and colleges B. Longer duration's for all formal courses C. Simple rearrangement of present educational organizations D. More weight for actual performance than real understanding
19	**Choose the words or phrases that is most opposite in meaning to the word.** WANE	A. Swell B. Prosper C. Fatten D. Widen
20	Select the choice closest in meaning to the main word. DANK	A. Dangerous B. Ugly C. Plunder D. Damp