NAT I Medical Biology

Sr	Questions	Answers Choice
1	The major unit of ecology is	A. Evolution B. Biosphere C. Niche D. Ecosystem
2	The term ecology comes from the word oikos which is a word	A. Greek B. Italic C. Latin D. French
3	Respiratory protein found in all aerobic species is	A. Cytochrome a B. Cytochrome b C. Cytochrome C D. All of above
4	Which of the following mean that the organisms living today have changed from the ones that lives in the past	A. Fossils B. Evolution C. Ecosystem D. Behavior
5	Who hypothesized that the organisms involved through the inheritance of acquired character	A. Larmark B. Darwin C. Hutton D. Maltus
6	The oldest homologous structures are	A. Respiratory organ B. Circulatory organ C. Vestigial organ D. Excretory organ
7	Which of the following are example of divergent evolution	A. Wings of bat B. Wings of birds C. Forelimbs of man D. Wings of insects
8	Which of the following statement about fossils is wrong	A. Fossils are the actual remains of organisms B. Fossils may be traces of organisms that lived in ancient geological times C. Organisms that are embedded in sand resins or ice can not be considered in fossils D. Most fossils are found in sedimentary rocks
9	Charles Darwin observed and collected thousands of specimens of diverse faunas and floras of	A. South America B. Asia C. Western America D. Europe
10	Photosynthetic organisms probably used------ as a source of hydrogen for reducing CO_2 to sugar	A. Hydrogen sulphide B. Hydrogen peroxide C. Hydrochloric acid D. Sulphuric acid
11	A group of bacteria called archaebacteria that tolerate temperature up to	A. 110 C^o B. 120 C^o C. 50 C^o D. 40 C^o
12	Gene of interest is joined with sticky ends with the help of enzyme	A. DNA helicase B. DNA polymerase C. DNA ligase D. RNA polymerase
13	Plasmid pBR 322 has antibiotic resistance for	A. Tetracycline + Ampicillin B. Penciline C. Neuomycin D. Tetracycline + Penciline
14	Plasmid pSC 101 has antibiotic resistance gene for	A. Tetracycline B. Penciline C. Ampicillin D. Streptomycin