

## NAT I Medical Biology

Sr	Questions	Answers Choice
1	Plasmids are extra circular DNA molecules having genes for	A. Antibiotic resistance B. Fertility C. Both A and B D. None
2	Plasmids were discovered by studying the sex life of the intestinal bacterium	A. Entamoeba histolytica B. Escherichia coli C. Anabena D. Plasmodium
3	Molecular carrier or vector on which gene of interest could be placed is	A. RNA B. C DNA C. Plasmids D. DNA
4	The enzyme cuts the DNA fragment with two ends	A. Sticky ends B. Blunt ends C. Both A and B D. None
5	Gene can be synthesized in the laboratory from messenger RNA, using reverse transcriptase this synthesized molecule is called	A. Complementary RNA B. Complementary DNA C. Both A and B D. None
6	Enzyme used for the cutting of chromosome is	A. Ligase B. Kinase C. Polymerase D. Restriction endonuclease
7	Which of the genes can be synthesized in the laboratory	A. Large genes B. Very small C. Medium sized genes D. Both A and B
8	Altered alternative forms of a gene whose number is more than two are known as	A. Incomplete dominance B. Multiple alleles C. Double alleles D. None
9	Different alleles of a gene that are both expressed in a heterozygous condition are called	A. Co dominance B. Incomplete dominance C. Over dominane D. Complete dominance
10	Abino is a _____ trait in humans	A. Dominant B. Recessive C. Both a and b D. None
11	Mendel choose a pea plants for genetical purpose because of the	A. Easily cultivation B. Numerous varieties C. Generation time is reasonably short D. All of above
12	Rounded and wrinkled of seeds and all tall or dwarf plants represents	A. Genotype B. Genes C. Phenotype D. Homozygous genotype
13	Which of the following fail to express them selves in the heterozygous state	A. Dominant alleles B. Recessive alleles C. Homozygous phenotype D. Heterozygous phenotype
14	Mendel cross-fertilized a true breeding rounded seed male plant with a true breeding wrinkled seeded female plant he called it a	A. First parental generation B. First filial generation C. 2nd filial generation D. All of above