

## NAT I Medical Biology

Sr	Questions	Answers Choice
1	Cell division number is increased by increasing the	A. Intensity of light B. Quality of light C. Quantity of light D. Colours of light
2	If non-protein part is loosely attached with the substrate then it is called	A. Co-enzyme B. Prosthetic group C. Activator
3	Rounded and wrinkled of seeds and all tall or dwarf plants represents	A. Genotype B. Genes C. Phenotype D. Homozygous genotype
4	The % of protein in case of chromosomes is	A. 100% B. 80% C. 60% D. 20%
5	The chromosomes are made up of	A. DNA + protein B. RNA + lipid C. DNA + carbohydrate D. RNA + protein
6	The permanent and irreversible increase in size that occurs as an organism matures.	A. Embryonic development B. Growth C. Aging D. Just a change
7	The eukaryotic kingdom arose from	A. Prokaryotes B. Protists C. Both a and B D. None
8	If the non-protein part is covalently bonded it is known as	A. Co-enzyme B. Activator C. Prosthetic group D. Product
9	The locomotory organs of protozoa are	A. Cilia B. Flagella C. Pseudopods D. None
10	Plants prepare their own food from simple inorganic material & stored energy therefore these are called	A. Heterophytes B. Saprophytes C. Autotrophs D. All of above
11	Highly condensed portion of chromatin is called	A. Euchromatin B. Heterochromatin C. Chromatin D. All of above
12	Littoral zone is divided into two main regions	A. Limnetic zone B. Profundal zone C. None D. Both
13	Which of the following statement about Porifera is not true	A. There are respiratory and circulatory organs B. Pores are present in the body wall C. Water enters the body through ostia D. Water leaves the body through osculum
14	During the photosynthetic reactions what are the products	A. Water and light B. Carbon-dioxide & light C. Glucose and oxygen D. All of above
15	Respiratory protein found in all aerobic species is	A. Cytochrome a B. Cytochrome b C. Cytochrome C

D. All of above

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16 In Greek the word Karyo means

A. Cytoplasm  
B. Nucleoli  
**C. Nucleus**  
D. Protoplasm

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17 Plasmid pBR 322 has antibiotic resistance for

A. Tetracycline + Ampicillin  
B. Pencilne  
C. Neuomycin  
D. Tetracycline + Penciline

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18 Primary source of carbohydrates are

A. Animals  
**B. Plants**  
C. Both a and b  
D. None

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19 Animals from annelids to chordate are

A. Acoelomates  
B. Pseudocoelomates  
**C. Coelomates**  
D. None

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20 All carbons in a monosaccharide have a hydroxyl group except

**A. One carbon**  
B. 3-carbons  
C. 2-carbons  
D. 4-carbons

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