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**Max Time : 1 hr** **Class = 11th Biology Test Max Marks : 25**

**CELL : THE BASIC UNIT OF LIFE**

1. Multiple choice questions : [ 1 X 5 = 5]
2. Mesosome is involved in

|  |  |
| --- | --- |
| a) ATP production | b) Cell wall formation |
| c) Nucleoid formation | d) All of these |

1. Lamin is

|  |  |
| --- | --- |
| a) Microtubule | b) Microfilament |
| c) Intermediate filament | d) None of these |

1. The internal layer joining the primary walls of the two adjacent cells is known as ………..

|  |  |
| --- | --- |
| a) Plasmodesmata | b) Middle lamella |
| c) Secondary wall | d) Plasma membrane |

1. Cell wall is absent in

|  |  |
| --- | --- |
| a) Nostoc | b) Aspergillus |
| c) Funaria | d) Mycoplasma |

1. The two subunits of ribosomes remain united at a critical ion level of

|  |  |  |  |
| --- | --- | --- | --- |
| a) Calcium | b) Copper | c) Manganese | d) Magnesium |

1. Define polyribosomes? [ 1 ]
2. Define massules? [ 1 ]
3. A pair of centriole is called ………………………. . [ 1 ]
4. Middle lamella is made up of ………………….. . [ 1 ]
5. Modern cell theory is given by ? [ 1 ]
6. Distinguish between Euchromatin and Heterochromatin. [ 2 ]
7. Name various type of plastids. Name that plastids which stores carbohydrates. [ 2 ]
8. What are the functions of mitochondria? [ 2 ]
9. Draw the well labelled diagram of bacterial cell? [ 3 ]
10. Explain the following structure (i) Nucleus (ii) Nuclear envelope (iii) nucleolus [ 3 ]
11. Define different type of chromosomes on the basis of position of centromere? [ 3 ]