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INDIAN SCHOOL MUSCAT FIRST PERIODIC TEST

BIOLOGY

CLASS: XI

Sub. Code: 044

Time Allotted: 50 MtS.

05.12.2018

Max. Marks: 20

GENERAL INSTRUCTIONS:

- All Questions are compulsory.
- Draw diagrams if necessary.

1. Name the extensions of the plasma membrane of prokaryotic cells. 1
2. What is a Polysome? 1
3. What is the significance of the G_0 phase of cell cycle? 1
4. What is Bivalent or a Tetrad? 1
5. What are the 4 types of chromosomes based on the position of the centromere? 2
6. What is Syncytium? Give an example. 2
7. Give one difference between Prokaryotic and Eukaryotic Ribosome. 2
8. Briefly explain the Lipid component of the cell membrane in Eukaryotes. 2
9. Which organelle forms the basal body of cilia, explain its cartwheel structure. 2
10. Explain the major activity in each stage of Prophase of Meiosis I. 3
11. Briefly explain the structure of Mitochondria. 3

End of the Question Paper