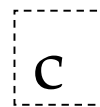


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INDIAN SCHOOL MUSCAT SECOND PERIODIC ASSESSMENT

BIOLOGY

CLASS: XII

Sub. Code: 044

Time Allotted: 50 mts

15.05.2019

Max. Marks: 20

GENERAL INSTRUCTIONS:

[i] Answer All the Questions.

[ii] Draw Diagrams if necessary.

1. Where does fertilisation occur in human reproduction? 1
2. What is brood parasitism? 1
3. What is parturition? How is it induced? 2
4. How does temperature affect distribution of animals? Name two types based on their temperature tolerance. 2
5. Distinguish between the following: 2
 - (a) Hibernation and Aestivation
 - (b) Ectotherms and Endotherms
6. Write down the chromosome pattern in human male and female. Who determines the sex of a child in human and how? 3
7. Define the following terms: 3
 - i] Allen's rule
 - ii] competitive release
 - iii] resource partitioning
8. Give reason 3
 - i] monarch butterfly survives from its predator
 - ii] Kangaroo rats can survive in the absence of an external source of water
 - iii] Small animals are rarely found in Polar Regions
9. What is age pyramid? Mention its types. State India belongs to which type of age pyramid. 3

End of the Question Paper