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SB-2749

M. Sc. (Aquatic Biology) Examination

March / April – 2011

AQB - 204 : Fish Genetics & Biotechnology

Time : **3** Hours] [Total Marks : **70**

Instructions :

(1)

નીચે દર્શાવેલ ☛ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fillup strictly the details of ☛ signs on your answer book.

Name of the Examination :

☛ **M. Sc. (Aquatic Biology)**

Name of the Subject :

☛ **AQB - 204 : Fish Genetics & Biotechnology**

☛ Subject Code No. : **2 7 4 9** ☛ Section No. (1, 2,.....) : **Nil**

Seat No. :

Student's Signature

(2) Attempt any five questions.
(3) Each question carries 14 marks.

1 Write about Androgenesis and Gynogenesis.

2 Write notes on Chromosomal manipulation.

3 Give detail on scope and application of fish biotechnology.

4 Explain fish as a cytogenetic model.

5 Give detail on application of bioinformatics and add brief notes on search engines.

6 Describe PCR technique.

7 Write short notes on :
(i) DNA and Mutations
(ii) G-Banding.