

Effects of Consanguinity on Blood Groups and Intelligence Quotient Among Muslim Children of Purnia, Bihar

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ABSTRACT Consanguineous marriages are common in Muslims. Consanguinity leads to homozygosis. A survey was made to assess the effects of consanguinity on the ABO blood groups and I.Q. in Muslims of Purnia, Bihar. A non-consanguineous population served as control. A trend of B > A > O > AB was observed in non O > B > A > AB in consanguineous populations, respectively. The alteration in phenotypic distribution indicated a trend of selection for the recessive trait (O blood group) due to consanguinity. Likewise, I.Q. of inbred children was found to be lower than that of outbred ones.