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Institute of Indigenous Medicine  
07 JUN 2019  
University of Colombo

INSTITUTE OF INDIGENOUS MEDICINE, UNIVERSITY OF COLOMBO  
DEGREE OF BACHELOR OF AURVEDA MEDICINE AND SURGERY  
LEVEL IV – FIRST SEMESTER EXAMINATION - MAY - JUNE 2019

PK 5103 - REPRODUCTION AND GENETICS

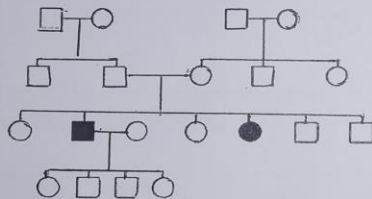
Date : 07.06.2019  
Time : 9.00 am - 10.00 am

Answer all questions.

Index No

Part I - Structured Questions

1.



1.1. Name the pattern of inheritance seen in the above pedigree and describe the its characteristics (10 marks)

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1.2 List 5 examples of autosomal dominant disorders (10 marks)

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2. 2.1. Name karyotypes seen in patients with sex chromosomal abnormalities (10 marks)

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2.2. List 5 clinical features of Down Syndrome (05 marks)

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2.3. List 5 clinical features of turner Syndrome (05 marks)

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**Part II – Essay Questions**

1. Describe the steps involved in the Polymerase Chain Reaction (60 marks)