

**Q.P.Code 107015**

**Reg. No.:.....**

**First Year BASLP Degree Examinations - August 2014**

**GENETICS, PEDIATRICS AND NEUROLOGY**

**Time : 3 hrs**

**Max marks : 80**

- Answer all questions
- Draw diagrams wherever necessary

**Essays**

**(4x10=40)**

1. Explain the etio-pathology of different demyelinating diseases.
2. Explain the growth and development from birth to puberty.
3. Explain the blood supply to the brain with a neat diagram
4. Describe the genetic basis of different speech and hearing disorders

**Short notes**

**(5x5=25)**

5. Cerebral palsy
6. Classification of mental retardation
7. DNA
8. Trauma to the CNS
9. Gene therapy

**Answer briefly**

**(5x3=15)**

10. Meiosis
11. Symbols used in pedigree construction
12. Genetics of autism
13. Fragile X syndrome
14. Cerebral infarction.

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