

**Q.P. Code 107015**

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

**First Year BASLP Degree Supplementary Examinations  
September 2018**

**Genetics, Pediatrics and Neurology  
(2012 Scheme)**

**Time: 3 hrs**

**Max marks: 80**

- Answer all questions
- Draw diagrams wherever necessary

**Essays**

**(4x10=40)**

1. Describe the principles of genetics. What is its relevance in the field of speech and hearing.
2. Explain the nutritional disorders in children and its effect on speech and language development.
3. What are the different modes of transmission of information in neural system.
4. Explain Alzheimer's disease with relevance to pathology, clinical features and management.

**Short notes**

**(5x5=25)**

5. Genetic interactions influencing foetus.
6. Sporadic syndromes
7. Cranial nerves for speech production
8. Hydrocephalus
9. Asperger's syndrome

**Answer briefly**

**(5x3=15)**

10. PKU
11. Fat soluble vitamins
12. Wilson's disease
13. Glioma
14. HGMP

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