

**PG Degree Examinations in Family Medicine (MD) - June 2016**

**Paper I – Basic Sciences as Applied to Family Medicine**

**Time: 3 hrs**

**Max marks:100**

- **Answer all questions**
- **Draw diagrams wherever necessary**

**Essays: (20)**

1. A 60 years old man who is a smoker, presents to you with history of shortness of breath for the past one year. On examination he has mild shortness of breath at rest , reduced chest expansion, loss of cardiac & liver dullness and occasional fine crackles on auscultation . His JVP is not elevated. His chest X-ray showed hyper inflated lungs. Answer the following
  - What is the most probable diagnosis for this patient and mention briefly justify your diagnosis.
  - Describe the pathological changes in the structure and function of the lungs in this condition
  - List the ill effects of smoking and briefly describe the role of the family physician in smoking cessation
  - Describe the management of this patient. (2+5+5+8)

**Short Essays: (8 x 10 = 80)**

2. Liver function tests
3. Carpal tunnel syndrome- anatomical basis, symptoms, clinical features and management
4. Growth charts
5. EEG and its use in management of patient with history of seizures
6. Thyroid function tests
7. Pathology of oedema
8. Oral anti diabetic drugs
9. Physiological changes in pregnancy

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