

**2019/20 Batch**

**SGD on Inflammation**

**22.03.2023    10.15 am – 11.15 am.**

1. You are given four case scenarios (A-C).

- 1.1. Identify the general pathological processes involved in each case.
- 1.2. Explain the pathogenesis and the pathological basis of each clinical feature.
- 1.3. Mention the possible outcomes of each case.

Case scenarios.

- A. A 42- year- old male presented with a 3-day history of fever with chills, cough with purulent sputum and chest pain on breathing. On examination, he was found to have bronchial breathing on the left side and a pleural rub.
- B. A 22-year- old male sustained a thorn prick injury to his left foot. The following day he developed a blister at the site with pain, redness and swelling of the lower leg.
- C. A 15-year-old boy presented with fever and tenderness in the right iliac fossa. His total white cell count and neutrophil counts and C- reactive protein levels were high.

2. Describe the pathological basis of the following.

- 2.1. A 50-year-old man diagnosed to have pulmonary tuberculosis has a cavity in the right upper lobe of the lung.
- 2.2. A woman with rheumatoid arthritis was found to have an ESR of 60mm/1<sup>st</sup> hour.
- 2.3. A woman with rheumatoid arthritis presents with macroglossia.
- 2.4. A man who presents with intestinal obstruction was diagnosed to have Crohn's disease.
- 2.5. A man suffering from chronic gastritis developed a chronic gastric ulcer.



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