

# **Specimen collection and transport**

## **Microbiology tutorial**

**Date**

**Time**

**Venue**

**Describe how you would collect, transport and store below mentioned samples for microbiological investigations in following situations.**

### **Viral studies**

- 1. Respiratory specimens in a patient suspected of having influenza virus infection**
- 2. Stool sample in a patient with acute flaccid paralysis/ gastroenteritis**
- 3. Vesicular fluid in a patient suspected of herpes virus infection**
- 4. CSF sample in a patient with encephalitis**
- 5. Blood sample for serology**

### **Bacterial culture/ Microscopy**

- 1. CSF sample for culture in a patient with bacterial meningitis**
- 2. Blood sample for culture in a patient with sepsis**
- 3. Pus sample for culture from an abscess**
- 4. Urine sample for culture in a patient with UTI**
- 5. Sputum sample in a patient suspected of having pulmonary tuberculosis**

### **Fungal studies**

- 1. Nail/skin/ hair sample in a patient with superficial fungal infection**
- 2. Tissue biopsy for a deep fungal infection**