

# National Board of Examinations

**Question Paper Name :** DNB Microbiology Paper3

**Is this Group for Examiner? :** No

**Enable Mark as Answered Mark for Review and Clear Response :** Yes

**Question Number : 1 Question Type : SUBJECTIVE**

Describe the epidemiology of H1N1 infections. Mention the laboratory diagnosis and prevention. [3+(4+3)]

**Question Number : 2 Question Type : SUBJECTIVE**

Discuss virulence factors of Entamoeba histolytica. Describe pathogenesis and laboratory diagnosis of amoebic liver abscess. [4+(3+3)]

**Question Number : 3 Question Type : SUBJECTIVE**

Discuss the role of serological markers of Hepatitis B in clinical diagnosis. Write briefly about post exposure prophylaxis of Hepatitis B. [5+5]

**Question Number : 4 Question Type : SUBJECTIVE**

Enumerate the zoonotic parasitic infections. Describe the life cycle and laboratory diagnosis of Echinococcus granulosus. [3+7]

**Question Number : 5 Question Type : SUBJECTIVE**

Enumerate arbovirus associated with encephalitis. Describe epidemiology, clinical features and preventive measures used in Japanese B encephalitis. [2+(2+3+3)]

**Question Number : 6 Question Type : SUBJECTIVE**

What are the intestinal flagellates? Describe the clinical features and laboratory diagnosis of a pathogenic intestinal flagellate. [2+(3+5)]

**Question Number : 7 Question Type : SUBJECTIVE**

Discuss the epidemiology, pathogenesis and laboratory diagnosis of Nipah viruses. [3+3+4]

**Question Number : 8 Question Type : SUBJECTIVE**

Enumerate the leishmanial diseases and their vectors in India. Briefly discuss visceral leishmaniasis and the challenges in management of visceral leishmaniasis in India. [4+6]

**Question Number : 9 Question Type : SUBJECTIVE**

What are the soil transmitted helminths? Mention their epidemiology and prevention. [3+(4+3)]

**Question Number : 10 Question Type : SUBJECTIVE**

Write briefly the molecular epidemiology of HIV infection in India. Discuss recent NACO strategies for HIV testing. [5+5]