# **National Board of Examinations**

Question Paper Name :	DNB Field Epidemiology Paper3
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**Is this Group for Examiner?**: No

#### **Enable Mark as Answered Mark for Review and**

**Clear Response:** 

Yes

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

Critically review the reasons behind increased number of dengue cases in India and Delhi in particular. [10]

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

What are the recent updates in the revised International Health Regulations [IHR] guidelines? [10]

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

What is basic reproduction number? Describe its application in the investigation of an outbreak giving an example. [3+7]

# Question Number : 4 Question Type : SUBJECTIVE

Describe the measures undertaken to improve immunization coverage under Universal Immunization Program in India. [10]

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

Define emerging and re-emerging diseases. Briefly describe four such diseases currently prevalent in India. [2+8]

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

Describe importance of sero surveillance in investigation and management of an epidemic with an example. [10]

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

What are the steps undertaken to eliminate measles from India? [10]

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

How has polio elimination program influenced the functioning of health systems in the world? [10]

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

Describe "indicators" of air pollution. Suggest measures to improve air quality in big cities of India like Delhi. [4+6]

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

Enlist health related threats following a natural disaster such as cyclone. Describe preparedness at distrct level for the same in brief. [2+8]