

# Question Paper

Exam Date & Time: 06-May-2022 (10:00 AM - 01:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

MASTERS OF PUBLIC HEALTH DEGREE EXAMINATIONS - MAY 2022  
SUBJECT: MPH 552.5 - GLOBAL PUBLIC HEALTH IN EMERGENCIES  
(SPECIALIZATION: GLOBAL HEALTH)  
(REGULARS) BLOCK - V

Marks: 60

Duration: 180 mins.

Answer all the questions.

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| 1A) | Define surveillance.   | (2)  |
| 1B) | Describe any two global disease surveillance system.   | (6)  |
| 1C) | Explain why most of the global disease surveillance systems are event based?                                 | (2)  |
| 2)  | Describe in detail the current major environmental threats in India and the factors that influence the same. | (10) |
| 3A) | Explain the factors that increase the burden of antimicrobial resistance in India.                           | (5)  |
| 3B) | Describe the major components for pandemic preparedness of a health system.                                  | (5)  |
| 3C) | Explain in detail about the Disaster Management Cycle.   | (5)  |
| 3D) | Indicate the important components to be included for rapid health assessment after an emergency.             | (5)  |
| 3E) | Explain the major components for preparedness to combat chemical and nuclear disasters.                      | (5)  |
| 3F) | Explain the role of laboratory in an event of public health emergency.                                       | (5)  |
| 3G) | Explain briefly the Epidemic Disease Act 2020.   | (5)  |
| 3H) | Describe the role of Incident Commander in the Incident Response System.                                     | (5)  |

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