1. **Departure Airport:**

XX International Airport is an international airport located in Africa; it is the largest African airport in terms of passenger movements transporting 40,000,000 passengers in 2010 and is the main international and domestic air gateway in the country, serving as an important hub for many airlines in Europe and Americas. In addition to links to all the African States it also has direct links to many European and South American States.

3rd week Sept. 2011: In a region about 50 kilometers from XX airport, a cluster of cases with severe respiratory disease (2 siblings and their parents) have been reported. Earlier there was reported culling of ducks and chickens on farms in the area due to an outbreak of H5N1 disease among the poultry.

4th Week Sept. 2011: A further cluster of cases of severe respiratory disease has been reported – 7 cases from the same area as the first cluster. One of the cases from the first cluster has died. The others are critically ill. No diagnosis has been made yet. The WHO IHR focal point has been notified and in turn the WHO has been alerted. It is suspected that an outbreak of H5N1 has occurred with possible human to human transmission of the disease.

1st Week October. 2011: It is confirmed that human to human spread of H5N1 has taken place. 3 more people have died and an additional 14 cases have been hospitalized. The WHO recommends containment measures.
The public health authority where XX airport is situated puts containment measures in action and the airport has been tasked to activate its public health emergency action plan.

Give an overview of the measures that will have to be put in place at the airport.

These are some of the areas you may want to consider: Think of other measures and issues that may arise

1. Airport public health emergency plan as part of State public health emergency plan
2. Activation matrix
3. Communications plan
4. Stakeholders at the airport
5. Crisis management group and its activation
6. Public health agency at the airport
7. Medical service provider at airport
8. Containment measures at State level
9. Containment measures for passengers prior to or upon arrival at airport.
10. Departure screening at the airport
11. Designated ambulance/s
12. Designated hospital
13. Transport of specimens to lab for analysis
14. Airport workers
15. Compliance with ICAO Annexes 9, 11 and 14, ACI guidance and WHO guidance

Your group will have to hold a press conference. The group will have to nominate 5 persons representing the public health authority, the civil aviation authority, the representative of the airlines operating from the airport, the airport authority and the customs/immigration representative. One of the panel members will have to present a press statement (not more than 10 minutes). The panel will have to answer questions posed by the other participants.
CAPSCA Airline operating from XX airport to airport in S America

4 hours after takeoff from XX airport:
Flight attendant notices a passenger (Y) who appears unwell. Mr. Y is coughing and looks flushed. It is a full flight. The passengers around Mr. Y are concerned about his condition. Mr. Y is part of a family of 5 travelling together and one of the family is a 3 year old child

Give an overview of the measures that have to be taken in this case. Think of some of the issues surrounding such a situation.

You may want to consider the following:
1. Actions by the flight attendant
2. Actions by the in flight supervisor
3. Use of universal precaution kit
4. Possible relocation of passenger
5. Identification of index and exposed passengers
6. Use of toilets in aircraft
7. Communication to passengers
8. Compliance with ICAO PANS-ATM and other guidance from ICAO, IATA and WHO
9. Use of ground medical support
10. Use of passenger locator form
11. Arrival at destination airport
12. Post disembarkation actions

Your group will have to hold a press conference. The group will have to nominate 5 persons representing the airline, the chief pilot, the chief of cabin crew, the airline ground representative and the airline medical officer. One of the panel members will have to present a press statement (not more than 10 minutes). The panel will have to answer questions posed by the other participants.
S. American airport: CAPSCA airline coming in to land from XX Airport in Africa

Information is received that CAPSCA airline has a suspect case of infectious disease on board.

Give an overview of the measures that have to be taken in this case, Think of some of the issues that may arise in such a situation.

You may want to consider the following:
1. How was the information relayed from the aircraft to your airport
2. What is the activation plan for such a situation at the airport
3. Aircraft parking area
4. Assessment of index case upon landing
5. Assessment of exposed passengers
6. Contact tracing and use of passenger locator form
7. Designated ambulance
8. Designated hospital
9. Transport of specimens to lab for analysis
10. Use of Personal Protective Equipment
11. Baggage handling
12. Customs and immigration formalities
13. Onward flight connections

Your group will have to hold a press conference. The group will have to nominate 5 persons representing the public health authority, the civil aviation authority, the representative of the airlines operating from the airport, the airport authority and the customs/immigration representative. One of the panel members will have to present a press statement (not more than 10 minutes). The panel will have to answer questions posed by the other participants.
Airports around the region are concerned. Demand to know what measures are being taken at XX airport.

Aircraft that took off from XX airport bound for ZEE airport (1.5 hours flight time) has been denied landing and is returning to XX airport.

CAPSCA airline flight attendant that had been looking after the index case has fallen ill and is hospitalized. The other crew members are concerned.

Other European airports implement arrival screening of all passengers from XX airport. What are the arrival measures that you may want to consider.