

## BT601 Virology Current Papers Final Term Fall 2019

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Current Paper BT601. (02:30 PM, 19-02-2020)

### Long Questions:

1. Describe method used to observe viral growth in embryonated egg?
2. How virus inoculated in live animals?
3. CT value?
4. Write short note on swine flu?
5. Write note on hepatitis C?
6. Short note on measles?
7. HAI assay & its mechanisms?
8. Direct ELISA & its method?
9. Virus transmission vertical n horizontal?
10. Epidemiology & complete process ?

### MCQs:

Largest virus pithovirus sibericum size n diameter \_\_\_\_\_,  
Rules of classification \_\_\_\_\_,  
HIV invade which cell \_\_\_\_\_,  
Rubeola virus cause disease \_\_\_\_\_,  
Endemic disease definition \_\_\_\_\_,  
Incubation period of Poly melitus \_\_\_\_\_,  
Cyber green dye bind with \_\_\_\_\_,  
Blocking agent in ELISA \_\_\_\_\_,  
Proteinacious coat that enclose genetic material in virus \_\_\_\_\_,  
Prions definition \_\_\_\_\_,  
Cotton swab used to collect samples \_\_\_\_\_,  
T2,T3, T4 phages infect \_\_\_\_\_,  
The most complex virus \_\_\_\_\_,  
Scrapie definition \_\_\_\_\_,  
DNA viruses replicate in which part \_\_\_\_\_,  
Morbidity definition

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Current Paper BT601. (**08:00 AM, 18-02-2020**)

cell culture 2

ELISA how it is used to detect disease 5

incubation period 2

HAI and its mechanism 5

HCV 3

Virus transmission explain vertical horizontal transmission 5

case study 2

coherent study 2

polio virus 2

measles 2

influenza virus 2) L.Q

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2020 at 10:38pm

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Current Paper BT601. (**19-02-2020**)

Write difference between RT-PCR and rRT-PCR. Also write note on TaqMan probe and qRT PCR. (10)

Define serological epidemiology, incidence, prevalence, morbidity and mortality (5)

Hemagglutination inhibition assay and its mechanism (5)

How virus transmitted and also define horizontal and vertical transmission. (5)

Influenza and its 4 groups (3)

Write difference between RT-PCR and rRT-PCR. (3)

Methods of inoculation in live animal (3)

Sandwich ELISA short note (2)

Measles short note (2)

Hemagglutination inhibition assay and Hemagglutination assay  
difference (2)