

[KZ 1011]

Sub. Code: 9128

**M.Sc MOLECULAR VIROLOGY EXAMINATION
SECOND YEAR**

(for Candidates admitted from 2009-2010 onwards)

PAPER I – DIAGNOSTIC VIROLOGY

Q.P. Code : 289128

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

**Pages Time Marks
(Max.) (Max.) (Max.)**

- | | | | |
|--|----|----|----|
| 1. Classify the Hepatitis viruses .Discuss in detail the Lab diagnosis of Acute viral hepatitis. | 17 | 40 | 20 |
| 2. Discuss briefly on aetiology, pathogenesis and Lab diagnosis of Viral Gastroenteritis. | 17 | 40 | 20 |

II. Write notes on :

- | | | | |
|---|---|----|---|
| 1. Cancers in AIDS. | 4 | 10 | 6 |
| 2. Antigenic variations in Influenza A. | 4 | 10 | 6 |
| 3. Tick born viral encephalitis. | 4 | 10 | 6 |
| 4. Congenital Rubella syndrome. | 4 | 10 | 6 |
| 5. Lab diagnosis of Chickenpox. | 4 | 10 | 6 |
| 6. Ebola virus. | 4 | 10 | 6 |
| 7. Rota virus diversity. | 4 | 10 | 6 |
| 8 Epstein Barr virus. | 4 | 10 | 6 |
| 9. Lab diagnosis of Chickungunya. | 4 | 10 | 6 |
| 10. HIV and molecular biology. | 4 | 10 | 6 |

[LA 0412]

Sub. Code: 9128

M.Sc MOLECULAR VIROLOGY EXAMINATION-April-2012

SECOND YEAR

(for Candidates admitted from 2009-2010 onwards)

PAPER I – DIAGNOSTIC VIROLOGY

Q.P. Code : 289128

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Discuss briefly on pathogenesis and laboratory diagnosis of Dengue Haemorrhagic Fever.	17	40	20
2. Discuss the lab diagnosis of chronic viral hepatitis with special reference to molecular biology.	17	40	20
II. Write notes on :			
1. Hepatitis E virus.	4	10	6
2. Subacute sclerosing panencephalitis.	4	10	6
3. Lab diagnosis of Mumps.	4	10	6
4. Viral Gastroenteritis.	4	10	6
5. Proviral DNA PCR.	4	10	6
6. Live viral vaccines.	4	10	6
7. Epidemiology of HIV in India.	4	10	6
8. West Nile virus.	4	10	6
9. Multiplicity reactivation.	4	10	6
10. Herpes progenitalis.	4	10	6

[LB 1012]

OCTOBER 2012

Sub. Code: 9128

**M.Sc MOLECULAR VIROLOGY EXAMINATION
SECOND YEAR**

(for Candidates admitted from 2009-2010 onwards)

PAPER I – DIAGNOSTIC VIROLOGY

Q.P. Code : 289128

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

**Pages Time Marks
(Max.)(Max.)(Max.)**

- | | | | |
|---|----|----|----|
| 1. Classify Hepatitis viruses. Describe the morphology, pathogenesis and lab diagnosis of Hepatitis B virus. | 17 | 40 | 20 |
| 2. Enumerate the oncogenic viruses. Write about the human oncogenic viruses and mechanism of viral oncogenesis. | 17 | 40 | 20 |

II. Write Notes on:

- | | | | |
|---|---|----|---|
| 1. Prions. | 4 | 10 | 6 |
| 2. Viral vaccines. | 4 | 10 | 6 |
| 3. Difference between HSV-1 and HSV – 2. | 4 | 10 | 6 |
| 4. Laboratory diagnosis of HIV infection. | 4 | 10 | 6 |
| 5. Viruses causing Diarrhoea. | 4 | 10 | 6 |
| 6. Negri bodies. | 4 | 10 | 6 |
| 7. Viral tissue culture. | 4 | 10 | 6 |
| 8. Interferons. | 4 | 10 | 6 |
| 9. Hanta virus. | 4 | 10 | 6 |
| 10. Swine flu. | 4 | 10 | 6 |
