

**M. D. (MICROBIOLOGY) : SUMMER - 2018**

**SUBJECT: PAPER – III  
(VIROLOGY AND PARASITOLOGY)**

Day: **Wednesday**  
Date: **06/06/2018**

**S-2018-3413**

Time: **2.00 P.M. TO 5.00 P.M**  
Max Marks. 100

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**N.B.**

- 1) Q. No. 1 and Q. No. 2 are **COMPULSORY**. Write any **SEVEN** out of remaining eight questions.
  - 2) The number to the right indicates **FULL** marks
  - 3) Draw neat and labeled diagram **WHEREVER** necessary
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- Q.1** Enumerate various congenital viral infections. Discuss laboratory diagnosis of Cytomegalovirus (CMV) **(15)**
- Q.2** Enumerate medically important arthropods. Discuss mosquito borne protozoal infections. **(15)**
- Q.3** What do you understand by re – assortment? Briefly write on the sero – epidemiology and immunoprophylaxis of influenza virus. **(10)**
- Q.4** What are inclusion bodies? How are they useful in identifying viral infections. **(10)**
- Q.5** Write about strategies to control HIV infection. **(10)**
- Q.6** Describe larva migrans. **(10)**
- Q.7** Classify zoonotic parasitic diseases. Write in detail about *Paragonimus westermani* **(10)**
- Q.8** Describe the pathogenesis. Laboratory diagnosis and prophylaxis of Rabies. **(10)**
- Q.9** Classify human herpes viruses. Enumerate the various infections caused by them. Briefly describe the pathogenicity and lab diagnosis of Ebstein Barr virus. **(10)**
- Q.10** Discuss rapid diagnostic tests in parasitology along with their clinical implications. **(10)**

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