

**Q.P. CODE: 506-B**  
**DR NTR UNIVERSITY OF HEALTH SCIENCES ::**  
**VIJAYAWADA - 8**  
**M.B.B.S. DEGREE EXAMINATION – FEBRUARY, 2018**  
**SECOND M.B.B.S. EXAMINATION**  
**MICROBIOLOGY**  
**(VIROLOGY, MYCOLOGY & PARASITOLOGY)**  
**PAPER-II**

Time: 2 Hours

Max. Marks: 40

**Note: Answer all questions. Give diagrammatic representation wherever possible.**

1) Describe the morphology and life cycle of Plasmodium vivax.

Discuss laboratory diagnosis of malaria. What are the complications of malaria?  $2+2+4+2=10$

**WRITE SHORT NOTES ON:**

5 x 4 = 20

- 2) Giardiasis
- 3) Hydatid disease
- 4) Laboratory diagnosis of Hepatitis B
- 5) Cryptococcus neoformans
- 6) Cultivation of viruses

**WRITE BRIEFLY ON:**

5 x 2 = 10

- 7) Slide culture
  - 8) Draw and label influenza virus
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- 9) Bile stained helminthic ova
- 10) Herpes zoster
- 11) What are Dimorphic fungi? Give two examples.

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