

Fellowship in Adult Infection Disease : WINTER - 2018

SUBJECT: PAPER-I

Day: Monday
Date: 22/10/2018

W-2018-3656

Time: 10.00 AM TO 01.00 PM
Max. Marks: 100

N.B:

- 1) Figures to the right indicate **FULL** marks.
 - 2) Draw diagrams **WHEREVER** necessary.
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Q.1 Attempt **ANY TWO** of the following: **(40)**

- a) Explain mechanisms of antibiotic resistance.
- b) An HIV infected person with a CD4 count of 80 cells presents with headache, vomiting since 15 days. CSF cryptococcal antigen is positive. Discuss the management and risk factors for mortality.
- c) Explain the epidemiology of candidemia in Indian ICU's. Outline the role of echinocandins in its management.

Q.2 Attempt **ANY SIX** of the following: **(60)**

- a) Null hypothesis
- b) Hand hygiene
- c) Secondary Syphilis
- d) Daptomycin
- e) Vaccination in pregnancy
- f) Melioidosis
- g) X-pert MTB/Rif assay
- h) Strongyloides hyperinfection

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