

Fellowship In Paediatrics Infectious Diseases

MALANGGAD: WINTER – 2016
SUBJECT: PAPER – I

Day: Thursday
Date: 13/10/2016

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

N.B.:

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Draw neat diagram **WHEREVER** necessary.
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Q.1 Attempt any **TWO** of the following questions: **(40)**

- a) Discuss the etiology of acute bacterial meningitis in children. Also write a note on role of corticosteroids in its management.

- b) Discuss the transmission dynamics of mother to child transmission of HIV infection (MTCT). What are the current regimens for prevention of MTCT? Discuss your advice regarding breast feeding in such a case.

- c) Outline the various resistance mechanisms utilized by gram –negative enteric bacilli for producing antimicrobial resistance. What are the possible therapeutic options for treatment of infections produced by carbapenem resistant enterobacteriaceae?

Q.2 Write short notes on any **SIX** of the following: **(60)**

- a) Disseminated BCG infection
- b) Latent tuberculosis infection
- c) Pathogenesis of dengue shock syndrome
- d) Chemoprophylaxis of malaria in children
- e) Hand foot and mouth disease
- f) Streptococcal toxic shock syndrome
- g) Erythema nodosum leprosum

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MALANGGAD: WINTER – 2016
SUBJECT: PAPER – II

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Date: 13/10/2016

Time: 02.00 PM TO 05.00 PM
Max. Marks: 100

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Q.1 Attempt any **TWO** of the following questions: **(40)**

- a) A 7 month old child is brought to emergency with loose motions. Discuss the microbiology and therapeutic strategies for management of acute gastroenteritis in an infant.
- b) What is necrotizing fasciitis and what are its differentiating features from that of cellulitis? Outline the treatment of necrotizing fasciitis.
- c) Discuss the etiology of community acquired pneumonia and its empirical antibiotic management in various settings.

Q.2 Write short notes on any **SIX** of the following: **(60)**

- a) Clostridial myonecrosis
- b) Hand hygiene
- c) Linezolid
- d) M184V mutation in HIV
- e) Minimal inhibitory concentration
- f) Normal distribution
- g) Acute suppurative otitis media

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