



DZ-4010

Second M. B. B. S. Examination

June / July - 2016

Microbiology : Paper - II

Time : 2 Hours]

[Total Marks : 40

Instruction :

ફોલો સારીયા ની આજીવનકાળે (ફોલો ડિટેલ્સ) ના મુજબ જાણી. Fillup strictly the details of signs on your answer book. Name of the Examination : SECOND M. B. B. S. Name of the Subject : MICROBIOLOGY : PAPER-2 Subject Code No. : 4 0 1 0 Section No. (1, 2, ...): Nil		Seat No. : <table border="1"> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> Student's Signature						

- Discuss in detail : (any two) 8
 - Define "SORE THROAT". Write causative agents and laboratory diagnosis of it.
 - Discuss laboratory diagnosis of extra pulmonary tuberculosis.
 - Enlist the etiological agents for gastroenteritis. Describe laboratory diagnosis of enteric fever.
- Write short notes : (any three) 12
 - Prevention of Health Care Associated Infection.
 - Pathogenesis of gas gangrene.
 - Bacterial food poisoning.
 - Scrub Typhus.
- Write notes : (any two) 8
 - Enumerate various types of subcutaneous mycoses, the etiology and laboratory diagnosis of mycetoma.
 - Penicilliosis.
 - Describe the dimorphic fungi.

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- 4 Write short notes : (any three) 12
- (a) Importance of seromarker of hepatitis-B virus.
 - (b) Draw and labeled, diagram of the morphology and pathogenesis of Rabies viral infection.
 - (c) Morphology of Bacteriophage in detail.
 - (d) Polio vaccine.


ER-4009
Second Year M. B. B. S. Examination
December - 2016
**General Microbiology, Immunology & Parasitology
: Paper - I**

Time : 2 Hours]

[Total Marks : 40

Instructions :

(1)

4A වන විට අත්සන් කරන්න. (අත්සන් කරන්නේ මෙම පිටුවේ ඇත.) Fill up strictly the details of signs on your answer book.		Seat No. :
Name of the Examination : SECOND YEAR M. B. B. S.		
Name of the Subject : GENERAL MICRO., IMMUNO. & PARASI. : P. - I		Student's Signature
Subject Code No. : 4 0 0 9 Section No. (1, 2, ...): 1&2		

(2) Answer to the point.

(3) Draw diagrams wherever necessary.

SECTION - I

1 Enumerate parasites found in blood, give a detailed account of malaria. 8

OR

1 Write in detail about immunoglobulins. 8

2 Write short notes on : (any three) 12

- Delayed hypersensitivity reaction
- Primary and secondary humoral immune response
- Hydatid cyst
- Life cycle and laboratory diagnosis of hook worm.

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SECTION - II

- 3 Write notes on : (any two) 10
- (a) Sterilization by dry heat, add a note on sterilization control
 - (b) Mutation in bacteria
 - (c) Methods for Anaerobiosis, give few examples of anaerobic bacteria.
- 4 Write in short : (1-2 sentences) 10
- (a) What are antiseptics ?
 - (b) Principle of fluorescent microscopy.
 - (c) How the blood agar prepared and sterilized ?
 - (d) Define carrier, enlist different types.
 - (e) Define herd immunity, give one example.
 - (f) What is nosocomial infection ?
 - (g) Name two parasitic infections where NIH swab is useful for diagnosis.
 - (h) Name two viviparous nematodes.
 - (i) What is zoonosis ? Give two examples of parasitic zoonosis ?
 - (j) Enumerate 4 morphological forms of trypanosomes.




ER-4010
Second Year M. B. B. S. Examination
December - 2016
**Systemic Bacteriology, Virology, Mycology and
Clinical Microbiology : Paper-II**

Time : 2 Hours]

[Total Marks : 40

Instructions :

(1)

Fill up strictly the details of signs on your answer book. Name of the Examination : Second Year M. B. B. S. Name of the Subject : Systemic Bacteriology, Virology, Mycology and..... Subject Code No. : 4 0 1 0 Section No. (1, 2,) : 1&2		Seat No : <table border="1"> <tr> <td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>						
		Student's Signature						

- (2) Answer to the point.
(3) Draw diagram wherever necessary.

SECTION - I

- 1 Define Pyrexia of unknown origin, enlist the causes and describe in detail laboratory diagnosis of Enteric fever. 8

OR

Describe bacteriophage in detail.

- 2 Write short notes on : (any 3) 12
- (a) Viral encephalitis.
 - (b) Live viral vaccines.
 - (c) Specific tests for diagnosis of syphilis.
 - (d) Toxins produced by Staphylococci.

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SECTION - II

3 Write notes on : (any 2) 10

- (a) Candidiasis.
- (b) Laboratory diagnosis of fungal infections.
- (c) Aspergillosis.

4 Write in short : (1-2 sentences) 10

- (a) How does virus differ from bacteria ?
- (b) What is rhinosporidiosis ?
- (c) What is significant bacteriuria ?
- (d) What is Weil felix reaction ?
- (e) Name two transport media used for *Vibrio cholera*.
- (f) What is the difference in morphology of *M. tuberculosis* and *M. leprae* ?
- (g) Classify atypical *Mycobacteria*.
- (h) Define interferons.
- (i) Enumerate viruses causing diarrhoea.
- (j) Name the serological markers of Hepatitis B Virus infection.

