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DZ-4010

Second M. B. B. S. Examination

June / July - 2016

Microbiology : Paper - II

Time : 2 Hours]

[Total Marks : 40

Instruction :

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="SECOND M. B. B. S."/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="MICROBIOLOGY : PAPER-2"/>	<input type="text"/>
Subject Code No. : <input type="text" value="4"/> <input type="text" value="0"/> <input type="text" value="1"/> <input type="text" value="0"/>	Section No. (1, 2,.....) : <input type="text" value="Nil"/>
	Student's Signature

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

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[Contd...

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.



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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)

નીચે દર્શાવેલ વિશ્લેષણની વિગતો ઉત્તરવહી પર સવસ્થ લખવી. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="SECOND YEAR M. B. B. S."/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="GENERAL MICRO., IMMUNO. & PARASI. : P.- I"/>	<input type="text"/>
Subject Code No. : <input type="text" value="4"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="9"/>	Section No. (1, 2,.....) : <input type="text" value="1&2"/>
Student's Signature	

- (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
- (a) Delayed hypersensitivity reaction
- (b) Primary and secondary humoral immune response
- (c) Hydatid cyst
- (d) Life cycle and laboratory diagnosis of hook worm.

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.



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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)

નીચે દર્શાવેલ નિશાનીયાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fillup strictly the details of signs on your answer book.		Seat No. :
Name of the Examination :		<input type="text"/>
Second Year M. B. B. S.		<input type="text"/>
Name of the Subject :		<input type="text"/>
Systemic Bacteriology, Virology, Mycology and.....		<input type="text"/>
Subject Code No. :	4 0 1 0	Section No. (1, 2,.....) : 1&2
		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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[Contd...

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.