

Date: 01-03-2016

GDV 2804

Second Year MBBS Examination

II MBBS Microbiology Paper 2

Time: 2 hours

Max Marks: 40

Instructions: 1. Answer to the points.

2. Figure to the right indicates marks.

3. Use separate answer books for each section.

4. Draw diagrams wherever necessary.

5. Write legibly.

Section 1

1. Multiple Choice: Questions: (8)

- a. Oral polio vaccine is, preferred over Salks killed: polio vaccine in epidemics for: A) Easy administration B) Passive immunization of fellow children in community. C) Development local immunity D) All of the above
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- b. Vector for transmission of Chikungunya virus is A) Anopheles mosquito B) Culex mosquito C) Aedes mosquito D) None of the above
- c. Which of the following is true about Plasmodium falciparum? A) James dots are seen B) Acetate forms are seen C) Relapses are frequent @) Longest incubation period
- d. Recent epidemic of Swine flu is caused by which strain of influenza virus? A) H1N1 B) H5N1 C) H9N2 D) H7N3
- e. The length of adult Taenia saginata is - A) 5-10 cm B) 5-10 feet C) 5-10mm D) 5-10 Meter
- f. Culture media used for cultivation of fungus is - A) Tellurite medium B) NNN medium C) Wilson and Blair medium D) Sabourauds medium
- g. The route of infection for guinea worm is A) Penetration of skin B) Ingestion Inhalation (D) All of the above
- h. Non-cultivable fungus is: A) Rhizosporidium B) Candida C) Sporothrix D) Penicillium

Section 2

2. Write short notes on: (any two) (10)
- a. Describe the laboratory diagnosis of Malaria.
- b. Describe the pathogenicity and life cycle of *Ancylostoma duodenale*
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c. Hydatid cyst..

3. Write briefly on - (any two) (6)

- a. Interferon
- b. Rabies vaccine
- c. Dengue Virus

4. Write short notes on (any two) (10)

- a. Dermatophytosis
- b. Cryptococcus a
- c. Describe laboratory diagnosis of fungal infection

5. Write briefly on (any two) (6)

- a. Bacteriophage
- b. Rota virus
- c. Oncogenic virus
