

PBJ 3024

Second Year MBBS Examination

II MBBS Microbiology Paper 2

Time: 2 hours

Date: 07-03-2016

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. Tzanck smear is used for the diagnosis of A) Chikungunya B) Rabies C) HIV infection (D) Herpes
 - b. Infected blood transmits following viruses except: A) Hepatitis A B) Hepatitis B C) Hepatitis D) HIV
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- c. Rhesus monkey kidney cell line is a type of-
A) Primary cell line B) Continuous cell line
C) Diploid cell line D) Explant culture
- d. Reynolds-Braude (germ tube) phenomenon is seen A) Dermatophytes B) Aspergillus niger C) Candida albicans (D) Mucor
- e. Following are the dimorphic fungi except A) Histoplasma capsulatum) Blastomyces dermatitidis C) Coccidioides immitis D) Cryptococcus
- f. Relapse in P. vivax malaria is due to:
A) Antigenic change B) Hypnozoite
C) Repeated fresh infections (D) None of the above
- g. The length of adult E. granulosus is A) 36 mm B) 3-6 cm C) 3-6 feet (D) 3-6 meters
- h. Autoinfection is a mode of transmission in: A) Trichinella B) Ancylostoma C) Cysticercosis (D) Ascaris

Section 2

1. Write short notes on ANY TWO- (10)
- a. Describe the laboratory diagnosis of intestinal amoebiasis.
- b. Give the differences between T. solium and T. saginata.
- ~~c. Write laboratory diagnosis of filariasis,~~

2. Write briefly on ANY TWO (6)
 - a. Viral inclusion bodies.
 - b. Laboratory diagnosis of HIV infection,
 - c. Enumerate serological Markers of Hepatitis B viral infection.
3. Write short notes on ANY TWO (10)
 - a. Degeribe pathogenicity of *Aspergillus fumigatus*.
 - b. Candidiasis.
 - c. Describe laboratory diagnosis of fungal infection.
4. Write briefly on ANY TWO: (6)
 - a. Name the cell cultures used for cultivation of viruses.
 - b. Pathogenicity of herpes virus infection.
 - c. Immunoprophylaxis of Polio virus.
