

Memory Test - Microbiology-2_Class Test_Online_Foundation_1

Total Mark: 50

Time: 90 Min

<p>1. Antimalarials are safe in pregnant lady-</p> <p>A) Chloroquine B) Primaquine C) Quinine D) Proguanil E) Artesunate</p> <p>Answer: T, F, F, T, F Discussion: Reference:</p>	<p>2. Parasites causing surgical jaundice</p> <p>A) Fasciola hepatica B) Clonorchis sinensis C) Trichuris trichuria D) A lumbricoides E) E granulosus</p> <p>Answer: T, T, F, T, F Discussion: Exp: Cl sinensis, A lumbricoides, Opisthorchis virini, F hepatica cause surgical jaundice Reference:</p>
<p>3. Parasites found in sputum-</p> <p>A) Plasmodium B) L donovani C) Trypanosoma D) Paragonimus westermani E) Ascaris lumbricoides</p> <p>Answer: F, F, F, T, T Discussion: Reference:</p>	<p>4. Systemic mycoses includes</p> <p>A) Paracoccidioides brasiliensis B) Aspergillus fumigatus C) Candida albicans D) Histoplasma capsulatum E) Blastomyces dermatitidis</p> <p>Answer: T, T, T, T, T Discussion: Exp: Systemic mycoses means systemic fungal inflammation, All opportunistic fungi may cause systemic inflammation. Reference:</p>
<p>5. The main host defense against Cell Mediated Immunity</p> <p>A) Salmonella spp. B) Candida albicans C) Mycobacterium leprae D) Cryptococcus neoformans E) Neisseria meningitidis</p> <p>Answer: F, T, T, T, F Discussion: FT (Fungus) TT (Fungus) F Exp: It was an indirect question from the example of type-IV hypersensitivity Reference:</p>	<p>6. When CD4 (+) ve cells become <50/cmm the following conditions may occur in AIDS patient</p> <p>A) Oesophageal Candidiasis B) Peripheral neuropathy C) Pneumocystis jirovecii pneumonia D) CMV E) Cerebral Toxoplasmosis</p> <p>Answer: F, F, F, T, T Discussion: Reference: Exp:</p>
<p>7. Cystic Hydatid Disease</p> <p>A) Causative organism Tenia echinococcus B) Egg is infective to man C) Outer layer is germinal with scolices D) PAIR is an alternative of Hepatic surgery E) Formaldehyde may be used as scolicidal agent</p> <p>Answer: T, T, F, T, F Discussion: TTF (Inner layer) TF (Never) Reference:</p>	<p>8. Feature of Reye's Syndrome</p> <p>A) Hepatic Encephalopathy B) Aspirin C) Influenza D) Measles E) CMV</p> <p>Answer: T, T, T, F, F Discussion: Reference:</p>

<p>9. Killed vaccines are</p> <p>A) Hepatitis B) Japanese encephalitis C) Rabies D) HPV E) HTLV</p> <p>Answer: T, T, T, F, F Discussion: Reference:</p>	<p>10. Maculopapular rash occurs in</p> <p>A) Measles B) Rubella C) Dengue D) Chikunguniavirus E) Dengue</p> <p>Answer: T, T, T, T, F Discussion: Reference:</p>
<p>11. Mosquito born disease(s) is/are-</p> <p>A) Kala-azar B) Dengue C) Yellow fever D) Bancroftian filariasis E) Brugia malayi</p> <p>Answer: F, T, T, T, T Discussion: Reference:</p>	<p>12. Pairs are true regarding Hepatitis Virus</p> <p>A) HBV-RNA Virus B) HEV-Infects Children C) HDV-Cannot replicate without HBV D) HAV-AntiHAV IgM found in acute illness E) AntiHBcIgG once positive, it is for lifelong</p> <p>Answer: F, F, T, T, T Discussion: F (DNA) F (Adult)TTT Reference:</p>
<p>13. Parasite causing auto infection</p> <p>A) Enterobius vermicularis B) Ascaris lumbricoides C) Tenia solium D) E hystolytica E) Hymenolepsis nana</p> <p>Answer: T, F, T, F, T Discussion: Exp: Remember the mnemonics CHEST means Cryptosporidium, Hym nana, E vermicularis, Strongyloides stercoralis, Tenia solium Reference:</p>	<p>14. Parasites causing anaemia-</p> <p>A) Plasmodium B) L donovani C) E granulosus D) T solium E) W bancrofti</p> <p>Answer: T, T, F, T, F Discussion: Reference:</p>
<p>15. Parasites entering during swimming-</p> <p>A) A duodenale B) A lumbricoides C) Schistosoma japonicum D) Cutaneous leishmaniasis E) Schistosoma hematobium</p> <p>Answer: F, F, T, F, T Discussion: Reference:</p>	<p>16. Pathogenic free living amoeba are</p> <p>A) Entamoeba histolytica B) Balantidium coli C) Acanthamoeba D) Negleria fowleri E) Entamoeba coli</p> <p>Answer: F, F, T, T, F Discussion: Reference:</p>

<p>17. Regarding Cryptococcosis A) Most common life threatening mycoses in AIDS patient B) It is subcutaneous fungus C) It is only capsulated fungus D) Causes human to human transmission E) Diabetes mellitus patient are at risk of developing pneumonia Answer: T, F, T, F, T Discussion: T F (Opportunistic) T F T Reference:</p>	<p>18. Regarding W bancrofti A) Zoonotic disease B) Has polysaccharide capsule C) Man is definitive & mosquito intermediate host D) Causes filariasis in immunocompromised person E) Associated with cough & wheeze at night called pulmonary eosinophilia Answer: F, F, T, T, T Discussion: F (Not) F (No capsule) TT (Any Patient) T (Topical Pul eosinophilia) Reference:</p>
<p>19. The following are the example of live vaccine A) Rubella virus B) Rabies virus C) Yellow fever virus D) Varicella-Zoster virus E) Hepatitis B virus Answer: T, F, T, T, F Discussion: TF (Killed) TT (Both live & subunit) F (Subunit) Reference:</p>	<p>20. The following condition has a recognized association with candidiasis- A) OCP B) IHD C) Prolong Antibiotic treatment D) The Andropause E) Malignancy Answer: T, F, T, F, T Discussion: Reference:</p>
<p>21. Transplacental transmission occurs in A) Cytomegalobirus B) Parvovirus B19 virus C) Rubella virus D) Dengue E) Adenovirus Answer: T, T, T, F, F Discussion: Reference:</p>	<p>22. Viruses having segmented genome- A) Rotavirus B) HTLV C) Togavirus D) Dengue E) Influenza Answer: T, T, F, F, T Discussion: Reference:</p>
<p>23. Viruses show latency A) KS associated virus B) EBV C) CMV D) Adenovirus E) Parvovirus B 19 Answer: F, T, T, T, F Discussion: Reference:</p>	<p>24. Which of the following viruses are DNA virus A) Lymphocytic choriomeningitis virus B) HGV C) HBV D) KSAV E) Vaccinia Answer: F, F, T, T, T Discussion: Reference:</p>

<p>25. Zoonotic Diseases-</p> <p>A) Scabies B) Plague C) TB D) Brucellosis E) Echinococcus</p> <p>Answer: F, T, F, T, T Discussion: Reference:</p>	<p>26. A 40 years old gentleman comes to your ENT ward with throat pain, anosmia) On query he gave H/O fever & myalgia 3 days back. You advised chest HRCT & found bilateral ground glass opacities. Considering the current situation what is your primary diagnosis?</p> <p>A) Bilateral Pneumonia B) ARDS C) Bilateral Consolidation D) Hilar Lymphadenopathy E) COVID-19</p> <p>Answer: E Discussion: Exp: COVID-19 is the primary diagnosis. Others are due to COVID-19. Reference:</p>
<p>27. A CXR of a malignant patient revealed a clear opacity in right mid & lower lung. The shadow has a Hellow Sign. What organism of the following may cause this?</p> <p>A) Histoplasma capsulatum B) Aspergillus fumigatus C) Paracoccidioides brasiliensis D) Blastomyces dermatitidis E) Pneumocystis jirovecii</p> <p>Answer: B Discussion: Exp: It is fungal ball in lung called ABPA usually found in cancer patient caused by Aspergillus fumigatus. Hellow Sign is pathognomonic for Aspergillosis. Reference:</p>	<p>28. A developing fetus can be affected in utero from its mother by the following parasite-</p> <p>A) Ascaris lumbricoides B) Classical filariasis C) Echinococcosis D) Leishmaniasis E) Toxoplasma gondii</p> <p>Answer: E Discussion: Exp: TORCH means Toxoplasma, Others(Syphilis, HIV, Listeria), Rubella, CMV, Herpes Reference:</p>
<p>29. A female patient came to Gynae & Obs OPD with bleeding, pruritus, and pain around anogenital region. After examination you found a nodule in genital region which is painful, soft in consistency, no discharge. The condition has been caused by</p> <p>A) T pallidum B) Herpes C) HPV D) MCV E) HIV</p> <p>Answer: C Discussion: Exp: This is a case of Condylomata acuminata caused by HPV Reference:</p>	<p>30. A lactating mother complaining of her baby has baby has been suffering from SOB for last 3 days, fever for last 2 days. Now the baby is too weak to take breast feed. She is worried about her baby. You auscultate the lungs & found bronchial breath sound. Which of the following virus is the culprit?</p> <p>A) EBV B) CMV C) VZV D) HHV-8 E) Measles</p> <p>Answer: B Discussion: Exp: CMV transmitted through breast milk & causes pneumonia Reference:</p>

<p>31. A patient admitted to Surgery ward with features suggestive of pancreatitis. Which of the following virus may cause the condition?</p> <p>A) Mumps B) Measles C) Parainfluenza virus D) RSV E) Rubella</p> <p>Answer: A Discussion: Exp: Mumps & Coxackie B4 virus may cause acute pancreatitis Reference:</p>	<p>32. A patient come to your Pain OPD with arthralgia, fever, maculopapular rash for the last 3 days. On investigation you found Anti-Chikungunya IgM (+)ve. Incubation period of Chikungunya</p> <p>A) 2-3 days B) 3-5 days C) 2-12 days D) 15-18 days E) 1-3 days</p> <p>Answer: C Discussion: Reference:</p>
<p>33. A patient reported to you that he has come from Kala-azar endemic area) He has symptoms like Kala-azar. What is the screening test for Kala-azar?</p> <p>A) ICT B) Aldehyde test C) Giemsa Stain D) ELISA E) RK-39 test</p> <p>Answer: B Discussion: Exp: Aldehyde Test is the screening test & RK 39 is the confirmatory test for Kala-azar Reference:</p>	<p>34. Double stranded RNA virus</p> <p>A) Reovirus B) Poliovirus C) Chikungunya virus D) Hantavirus E) SARS CoV-2</p> <p>Answer: A Discussion: Reference:</p>
<p>35. Example of defective virus</p> <p>A) HAV B) HEV C) HDV D) HBV E) Defective D Virus</p> <p>Answer: C Discussion: Reference:</p>	<p>36. Fungal cell wall contains</p> <p>A) Ergosterol B) Chitin C) Lipopolysaccharide D) Lipoprotein E) Glycoprotein</p> <p>Answer: B Discussion: Reference:</p>
<p>37. Fungus does not live in subcutaneous tissue</p> <p>A) Coccidioides immitis B) Sporothrix shenckii C) Phaeochromomycosis D) Mycetoma E) Rhinosporidium seeberii</p> <p>Answer: A Discussion: Reference:</p>	<p>38. HBsAg Positive means except</p> <p>A) Chronic carrier B) Active disease C) Present in window period D) Recent infection E) Anti HBc IgM present in acute infection stage</p> <p>Answer: C Discussion: Reference:</p>

<p>39. Most common cause of Iron deficiency anaemia in Bangladesh</p> <p>A) A lumbricoides B) Ancylostoma duodenale C) Enterobius vermicularis D) W bancrofti E) Necetar americana</p> <p>Answer: B Discussion: Exp: Hookworm means Ancylostoma duodenale Reference:</p>	<p>40. Parasite causing bladder cancer</p> <p>A) Clonosrchis sinensis B) Paragonimus westermani C) Schistosoma haematobium D) Fasciolepsi buski E) Wuchereria bancrofti</p> <p>Answer: C Discussion: Exp: Two parasites cause cancer eg a) Clonorchis/Opithorchis sinensis causes HCC & b) Sch hematobium causes Bladder Cancer. Reference:</p>
<p>41. Subunit vaccines given as post-exposure prophylaxis</p> <p>A) HSV B) HBV C) Influenza D) HDV E) HHV-8</p> <p>Answer: B Discussion: Reference: Exp: Post-exposure prophylaxis given in HAV, HBV, HCV, HIV, VZV (VZIG)</p>	<p>42. The following viral infection causes vesicular rash that follows dermatome</p> <p>A) Small pox virus B) Measles C) Shingles D) HSV E) HHV-8</p> <p>Answer: C Discussion: Exp: VZV is the secondary infection of varicella) It is also called Shingles. Reference:</p>
<p>43. The following virus causes infectious mononeucleosis</p> <p>A) HHV-8 B) EBV C) HSV D) HPV E) VZV</p> <p>Answer: B Discussion: Reference:</p>	<p>44. Virus having following component except</p> <p>A) DNA B) RNA C) Capsid D) Plasmid E) Envelope</p> <p>Answer: D Discussion: Reference:</p>
<p>45. A 19 years old gentleman admitted to your surgery ward with huge splenomegaly. He is a known case of Thalassemia admitted for splenectomy. 3 days later he developed fever & 5 days later he developed Scarlet morbiliform rash throughout the body. Which of the following may be the culprit?</p> <p>A) Measles B) Rubella C) Chikungunya D) Dengue E) HIV</p> <p>Answer: D Discussion: Reference:</p>	<p>46. A patient came to you with card like structure over tongue. What is your most likely diagnosis?</p> <p>A) Candida albicans B) Bacteroids fragilis C) Actinomyces israeli D) Corynebacterium diphtherae E) Clostridium difficile</p> <p>Answer: A Discussion: Exp: Card like structure due to pseudomembrane in oral cavity which is caused by C albicans. Reference:</p>

<p>47. A patient has been suffering from anorexia, nausea, foul-smelling & non-bloody diarrhea) Stool R/E showed string test positive. You diagnosed it as a Giardiasis. What is the infective form of <i>Giardia intestinalis</i>?</p> <p>A) Cyst B) Quadrineucleated cyst C) Sporozoite D) 3rd stage larva E) Rhabditiform larva</p> <p>Answer: A Discussion: Reference:</p>	<p>48. A virologist declares that he found a particle into the brain of a dog bite patient. He also hints out that the particle is bullet shaped. The name of the particle is</p> <p>A) Mammillary body B) Negri body C) Jhigri body D) Pyrobody E) LD body</p> <p>Answer: B Discussion: Exp: Rabies virus is bullet shaped, Negri body is pathognomonic Reference:</p>
<p>49. How is Malarial species diagnosed?</p> <p>A) Thick film preparation B) rK39 test C) Thin film preparation D) Culture E) RT-PCR</p> <p>Answer: C Discussion: Reference:</p>	<p>50. Regarding Poliovirus which one is true</p> <p>A) Only killed vaccine is available B) Incubation period is 10-14 days C) It has not yet been eradicated D) Transmitted by transplacental route E) It is blood borne disease</p> <p>Answer: B Discussion: Reference:</p>