Registration No. +131/30379/2014

THE DEGREE OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY

LEVEL III

MEDICAL MICROBIOLOGY

CONTINOUS ASSESSMENT TEST
Multiple Choice Questions (MCQ) Paper

DATE: 12th October 2016 TIME: 09.00AM-10.00AM

INSTRUCTIONS

- Read the following instructions carefully.
- Put your Student identification number on each page.
- There is only one correct answer to each question.
- Circle the correct response.
- If you change your answer, do so clearly by crossing the previously marked response with an (X).
- · Answer ALL questions.

| 8. Which of the following is a second |
|---|
| Which of the following is a non-motile protozoon? Cryptospondium panyum |
| a) Cryptospondium parvum b. Leishmania donovani |
| c. Giardia lamblia |
| |
| d. Balantidium coli |
| e. Entamoeba histolytica |
| 9. Microfilaia of Loa loa are best detectable in blood at |
| a. 8pm to 8am |
| b. 2am to 8am |
| c. 8pm to 2am |
| d 8am to 8pm |
| e. None of the above |
| 46.1487 |
| 10. Which of the following drugs is useful in the treatment of Onchocerciasis? |
| a. Praziquantei |
| b. Metronidazole |
| c. Suramin |
| (d) Ivermectin |
| e. Nitazoxanide |
| 11. Which of the following is NOT true regarding Wuchereria bancrofti? |
| a. Microfilariae are sneathed v |
| b. Microfilariae typically exhibit nocturnal periodicity~ |
| c. Infection may present with wheezing |
| d) May be treated using praziquantel. |
| e. May be transmitted by Culex mosquitoes > |
| 12. Which of these parasites is NOT routinely diagnosed by examining blood for mirofilari |
| a. Mansonella perstans |
| b. Loa loa |
| c. Onchocerca volvulus |
| d. Wuchereria bancrofti |
| Brugia malayi |
| 42 Maint of the second of the design of the second of the |
| 13. Which of these parasites have sheathed microfilariae? |
| a. Wuchereria bancroffi and Onchocerca volvulus |
| b. Brugia malayi and Onchocerca volvulus |
| c. Loa loa and Onchocerca volvulus d) Loa loa and Brugia malayi . |
| e. Wuchereria bancrofti and Mansonella perstans |
| e. Wacherena bancroni and mansonella perstans |
| 14. Which of these statements is NOT true regarding Trichomonas vaginalis |
| a. It is largely transmitted sexually |
| Albendazole is the drug of choice for treatment of infection > |
| c. Only exists in a trophozoite stage |
| d. Infection may present with pruritus of the vagina |
| e. Consistent use of condom is an effective control method |
| |
| |
| |
| |

| 8. Which of the following is a non-motile protozoon? | |
|--|-----|
| Cryptosporidium parvum | |
| b. Leishmania donovani | |
| c. Giardia lamblia | |
| d. Balantidium coli | |
| e. Entamoeba histolytica | |
| e. Elitamoeba mistorytica | |
| 9. Microfilaia of Loa loa are best detectable in blood at | |
| a. 8pm to 8am | |
| b. 2am to 8am | |
| c 8pm to 2am | |
| (d) 8am to 8pm | |
| e. None of the above | |
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| b. Metronidazole | |
| c. Suramin | |
| (d) Ivermectin | |
| e. Nitazoxanide | |
| | |
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| h Microfilariae typically exhibit nocturnal periodicity | |
| c Infection may present with wheezing | |
| (d) May be treated using praziquantel | |
| e. May be transmitted by Culex mosquitoes | |
| 12. Which of these parasites is NOT routinely diagnosed by examining blood for mirofila | rie |
| 12. Which of these parasites is NOT fourner, diagnosts | |
| a. Mansonella perstans b. Loa loa | |
| c. Onchocerca volvulus | |
| d. Wuchereria bancrofti | |
| Brugia malayi | |
| E Brugia maidyi | |
| 13. Which of these parasites have sheathed microfilariae? | |
| a Wuchereria hancrofti and Orichocerea volvatus | |
| b. Brugia malayi and Onchocerca volvulus | |
| c. Loa loa and Onchocerca volvulus | |
| d Los los and Brugia malayi v | |
| e. Wuchereria bancrofti and Mansonella perstans | |
| 14. Which of these statements is NOT true regarding Trichomonas vaginalis | |
| this less by transmitted severally | |
| | |
| Only suists in a trophozoite stage | |
| d. Infection may present with pruritus of the vagina | |
| e. Consistent use of condom is an effective control method | |
| e. Outsides a series and a series are a series and a seri | |
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| a lamblia is: | |
| A flagellated protozoa A ciliated protozoa | |
| c. An amoebae | |
| d. A bacteria | |
| e. A non-motile protozoa | |

- 16. Which of these sequen true for Plasmodium falciparum
 - a) Sporozoite > liver schizonts > merozoites > trophozoites
 - b. Sporozoites > trophozoites > liver schizonts > merozoites
 - c. Sporozoites > gametocytes > liver schizonts > merozoites
 - d. Sporozoites > liver schizonts > merozoites > oocysts
 - e. Sporozoites > erythrocytic schizonts > merozoites > gamtocytes
- 17. Which of these are useful in treating infection with severe Plasmodium falciparum malaria in
 - a. Quinine or Mefloquine
 - (b) Quinine or Artesunate

15. diardia lamblia is:

- c. Quinine or Chloroquine
- d. Quinine or Amodiaquine
- e. Quinine or Primaquine
- 18. Which of the following is NOT true regarding Babesia parasites?
 - a. They are non-motile
 - b. They are transmitted by ticks
 - C Metronidazole is useful for treating infected individuals
 - d. Diagnosis is made by examining Gram stain blood smears,
 - e. Infection may present with anaemia
 - 19. Which of these is NOT useful in diagnosing Giardia lamblia infection?
 - a. Identification of cysts in stool
 - b. Identification of trophozoites in string test
 - c. Identification of trophozoites in duodenal aspirate d. Identification of trophozoites in small intestine biopsy
 - (e.) None of the above
- 20. Which of these parasites have hypnozoites?
 - a. Plasmodium ovale and Plasmodium falciparum
 - b. Plasmodium ovale and Plasmodium malariae © Plasmodium ovale and Plasmodium vivax
 - d. Plasmodium vivax and Plasmodium falciparum
 - e. Plasmodium vivax and Plasmodium malariae
- 21. Sparganosis is caused by?
 - (a) Cestodes
 - b. Nematodes Trematodes.
 - d. Arthropods
 - None of the above

| 22. Which | ch of the following are features not asso | ciated with Trichomonas vaginalis infection? |
|-----------|---|---|
| | a. Vaginitis | - Control Control |
| N | b. Dysuria in males' | |
| | c. Foul smelling discharge in female. | e / |
| | d. Lower abdominal pain | <u> </u> |
| | (e) Specific urethritis in males | |
| | e opecine dictima in maios | |
| 23 Skir | in biopsy may be useful in the diagnosis | of which of the following parasites? |
| 25. QKII | a. Isospora hominis | 51 11 11 |
| 1 | b) Onchocerca volvulus | |
| - | c. Trichinella spiralis | |
| | d. Trypanosoma cruzi | |
| | e: Taenia solium | |
| 1 | e. Taema sonam | |
| 24 \Mhi | nich of the following is a ciliated protozoa? | |
| 27. VVIII | a. Giardia lamblia | |
| | b. Dientamoeba fragilis | |
| | Balantidium coli | |
| | d. Trichomonas hominis | |
| | e. Toxoplasma gondii | |
| | C. Toxopiaoma gorian | |
| ė 25. | Which of the following is not a food-born | ne parasite? |
| 20. | a. Balantidium coli | |
| | b. Ascaris lumbricoides | |
| . / | c. Ancylostoma duodenale. | |
| 1 | (d) Sarcocystis lindermanni- | |
| | e. Entamoeba histolytica | · |
| | | and the transfer of infantian with Toonio |
| 26. | | ended for treatment of infection with Taenia. |
| sa | aginata? | |
| | a. Albendazole | |
| | b. Mebendazole | |
| | C Praziquantel | |
| | d. Ivermectin e. Diethylcarbamazine | |
| (| e. Diethylcarbamazine | |
| 27. | Ground itch is commonly associated w | ith infections with? |
| 21. | Necator americanus | |
| | b. Schistosoma mansoni | |
| | c. Phlebotomus martini | |
| | d. Toxocara canis | |
| | e. Fasciola hepatica | |
| , | | |
| 28. | Which of the following parasites is NO | associated with intestinal obstruction? |
| | a. Ascaris lumbricoides | |
| | b. Entamoeba histolytica - | |
| | c. Schistosoma mansoni | |
| | d. Ancylostoma duodenale | |
| | (e.) Trichuris trichiura | |
| | (| |
| gros | | |
| 4 | N. D. III LAGO G. 100 D. LAGO | |

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| 29. | Which of the following parasites is associated with perianal itching? a. Strongyloides stercoralis b. Enterobius vermicularis c. Trichuris trichiura d. Necator americanus e. Schistosoma haematobium | 851 |
|-------|---|---------|
| 30. | Which of the following is an effective vector of Yersinia pestis? a. Pediculus humanus Xenopsylla cheopis c. Phlebotomus martini d. Anopheles merus e. Glossina swynnertoni | |
| 31. N | Microcytic hypochromic anemia can occur as a complication of the following? a. Ascaris lumbricoides b. Enterobius vermicularis c. Trichuris Trichura d. Strongloides stercoralis e) Necator Americanus | 2 7 |
| 32. (| Cyclops is an intermediate host of which of the following? a. Taenia Saginatta b. Taenia Solium c. Hymenolepis nana d) Dracunculus medinensis e. Hymenolepis deminuta | |
| 33. (| Man is an intermediate host of which of the following? a. Diphyllobothrium latum b. Taenia Saginata c. Ascaris lumbricoides Echinococus granulosus e. Hymenolepis deminuta | - k1 |
| 34. | Culicoides is a vector of which of the following? a. Wuchereria bancrofti b. Brugia Malagi c. Onchocerca volvulus Mansonela species e. Druncunculus medinensis | 8 |
| 35. | Consumption of crab meat can lead to infection of which one of the following part a. Diphyllobothrium latum b. Taenia saginata c. Onchocerca Volvulus Paragonimus westamanii e. Taenia saginata | asiles? |

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| 36 Swimm | |
|-----------|--|
| oo. ownin | nimg has been associated with infection of which of the following? a. Entermoeba histolystica |
| | a. Entermoeba histolystica |
| 1 | b Balantidium colii |
| | Naeglaria fowleri |
| | d. Plasmodium species |
| 1 | e. Entedolimux nana |
| 1 | |
| 37. Trans | placental transmission can occur in which of the following? |
| | a. Isospora Belli |
| | b. Blasocystis hominis |
| 1 | C Cacocystis species |
| 1 | d Toxoplasma gondii |
| 1 | e. Pneumocystis carinii |
| | |
| 38 Com | plications of Sahiata |
| oo. Com | plications of Schistosoma haematobium infection include: |
| | a Hydronephrosis b. Hepatoma |
| | b. Hepatoma c. Haemolytic anaemia |
| | d. Intestinal obstruction |
| 1 | e. None of the above |
| | c. None of the above |
| 1 | 1 |
| 39. Which | ch of the following can cause atypical pneumonia? |
| | a. Isospora belli |
| | b. Blastocystis hominis |
| 1 | c. Cacocystis species |
| | d. Toxoplasma gondii |
| | Pneumocystis carinii |
| | |
| 40. Sod | ium stibogluconate is useful in the treatment of which of the following? |
| | a. Trypanasoma gambiense |
| - | b. Trypanasoma rhodensie |
| - 1 | c. Trypanasoma cruzi |
| / | (d) Leishmania donovani |
| | e. Trypanasoma rangeli |
| 41 Teur | e about diphtheria toxin |
| 41. 110 | |
| | A heat-labile polypeptide Ability to produce toxin is acquired through transformation |
| // | |
| | |
| | d) The active domain inhibits protein synthesis |
| | e) In vivo tests for toxin production include the Elek test |
| | |
| 1000 | |

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| | • |
| 42. False concerning the pathogenesis of Shigell. | dysentoring |
| Taken up by the M cells in intesting | al mucono of divide |
| b) Actively induces macrophage apop | thucosa of duodenum and ileum |
| | |
| | St |
| d) Taken up by enterocytes via retroc | rade transport |
| (e) Metastatic infection rarely occurs | |
| 43. Brucella species | |
| a. Have a high infectious dose * | |
| b. Commonest made of transmission | to be |
| b. Commonest mode of transmission c. Obligate anaerobes | to numans is via droplets |
| | |
| d) Macrophages are their prime targe | IS · |
| e. Amoxycillin-clavulanic acid is the c | rug of choice |
| 44. Virulence factors of Yersinia pestis include all | the following average |
| a. Capsule | the following except |
| b. Somatic Antigen Complex | |
| c. Ability to absorb iron | |
| d. Endotoxin production | |
| e IgA ₁ protease | |
| Market as | |
| 45. A general characteristic of actinomycetes | |
| a. Gram negative | |
| b. Motile | |
| c. Have large polysaccharide capsul | es · |
| (d.) Form spores in nutritionally deficie | nt media |
| e. Some members of the group are v | veakly acid fast |
| 46. In the pathogenesis of Rickettsia | |
| Enter host through and | |
| Enter host through passive endoc | /tosis • |
| and pringgoodile bridgills | somal fusion |
| c. Proliferate in the lysosome | |
| d. Spotted fever group rickettsiae mo | ve intercellularly by lysis |
| e. Induce apoptosis of the host cell | |
| 47. False about Coxiella burnetti | я |
| a. Gram-negative coccobacilli | |
| b. Obligate intracellular bacteria | |
| (c.) Small cell variant(SCV) multiplies | in the host monocytes and macrophages |
| d. Able to survive inside acidic lysos | in the host monocytes and macrophages |
| e. Doxycycline is the drug of choice | omes |
| s. Bekyeyemie is the drug of choice | |
| 48. True about Haemophilus ducreyi | |
| a) Transmission is by droplet inhalation | nn. |
| b) Causes a painless ulcer + | 7 |
| c) Only requires the V factor for grown | th ÷ |
| d) Metronidazole is the drug of choice | |
| Fastidious and requires a special r | utritive |
| - opecial i | duliu-y - |

| 49. | Fa | lse | about | Bacillus anthracis |
|-----|----|-----|-------|--------------------|
| | | | COUNT | Odenius animacis |

- Gram-positive spore-forming rods
- b. Non-motile
- Capsulated in tissues
- Strict anaerobe
- Catalase positive

50. Not useful in the laboratory diagnosis of Haemophilus influenzae

- a) Neutral red
- b) Staphylococcus aureus
- Malachite green
- Candle extinction jar
- Crystal violet

51. Causative agent of endemic syphilis

- (a) Is transmitted from domestic animals to humans
- b. Is transmissible through contact with contaminated items
 - c. Resistant to penicillin
- d Culturable in enriched liquid media
- e. Is associated with false negative Rapid plasma regain test

52. Species of Aspergillus are associated with

- Birds and bats droppings
- Thermal dimorphism
 - c. Tuberculate macroconidia
 - Vesicle
 - e. Pseudohyphae formation

53. Bacterial growth atmospheric requirement achieved in the candle extinction jar is suitable for growth of the following except

- a. Haemophilus ducreyi
- b. Campylobacter jejuni
- c. Neisseria gonorrhoeae
- d. Haemophilus influenzae
- (e) Bacteroides fragilis

54. Genital ulcer disease which is not commonly associated with inguinal lymph node enlargement is associated with

- a. Chlamydia trachomatis serotype L.
- b. Klebsiella granulomatis
- Gardnerella vaginalis
- d. Ureaplasma urealyticum
- e. Treponema pallidum pallidum

55. Organism classified as non-halophilic vibrio is

- a. Vibrio vulnificus
- b. Vibrio alginolyticus
- c. Vibrio parahaemolyticus
- d. Vibrio mimicus
- e) Vibrio cholerae

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| 56. Screening serological tests for syphilis include a. Treponema pallidum haemagglutination assay b. Schick test C. Venereal disease research laboratory test d. Treponema pallidum immobilization test e. Ligase chain reaction | |
| 57. Genus which consists of Gram's stain negative anaerobic bacilli is Fusobacterium Veillonella C. Helicobacter Listeria e. Bacillus | |
| 58. Which one does not apply to systemic mycoses a. Inhalation of fungal spores b. Amphoterin B C Exoantigen test d. Carbohydrate assimilation tests e. Latex agglutination test | |
| 59. Disease development by Helicobacter pylori is enhanced by (a) Urease enzyme activity b. Adenylate cyclase activity c. Impairment of blood supply to infected tissues d. Lecithinase activity e. Effects of gelatinase enzyme | |
| 60. Laboratory investigation of Campylobacter jejuni infection in humans includes a. Stool inoculation in Alkaline peptone water Incubation of cultures in Fildes-MacIntosh jar c. Detection of antibodies in serum d. Urine examination e) Blood culture | |
| 61. The following can be used as indicator organisms for excreta pollution of water except a. E. coli b. Enterobacter c. Enterococci d. Citrobacter Corynebacteria | |
| 62. A false statement on the Eijkmann test used in water analysis a. It is a non-differential test b. Uses McConkey media Incorporates a Durham tube d. The test is incubated at 44oc e. Specific for thermo tolerant E.coli | |
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| 63. | Chlamydophila | species |
|-----|---------------|---------|
| | W | |

- a. Can replicate extracellularly 4
- b. Contain DNA only
- c. Contain RNA only
- d) Replicate by binary fission
- Can synthesize ATP

64. The following feature can be seen in the various stages of trachoma disease except

- a. Presence of follicles and inflammation under the eye lid
- Formation of scar tissue
- Excessive tearing and bleeding
- d. In-turning of the eyelids
- e. Corneal scarring

65. Differential media used in bacteriology includes

- a. Blood agar
- b. Nutrient agar
- Muller Hinton Agar
- d. Thayer Martin agar
- Salmonella Shigella agar

66. The following specimen is normally sterile

- a. Throat swab
- b. Urethral swab
- Suprapubic urine specimen
 - d. Stool
 - e. Skin scrapings

67. Causative agents of trachoma can be transmitted to numans through

- a. Fécal oral route
- b. Body louse
- c. Cat scratch
- d. Dog bite
- e) House flies

68. Characteristics of mycoplasmas include

- Inability to grow on artificial media
- Lack of a cell wall
- c. Susceptibility to penicillin
- d. Requirement of cell culture line from primary isolation
- e. Resistance to all antibacterial antimicrobial agents

69. A false statement on urinary tract infections

- a. E. coli is a predominant causative agent of bacterial UTIs
- b. Polymicrobial infections are common in patients with structural abnormalities
- The bladder is fairly resistant to colonization due to the wide array of present
- d. Coagulase negative staphylococci are a common cause of urinary tract infection among sexually active women
- e. E. coli causes UTI predominantly by the ascending route.

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| 70. Toxigenic infection of Staphylococcus aureus a. Mastitis b. Blepharitis C Food poisoning d. Septic arthritis e. Flaccid paralysis |
| 71. Which of the following does not affect a person's susceptibility to tuberculosis? A) Nutritional status Genetics Access to medical care Status of immune system Type of job |
| 72. The specific infection sites that develop in primary tuberculosis are known as what? A) Fibroblasts B) Necrotic lesions Tubercles D) Caseous lesions E) Scars |
| 73. How is Mycobacterium leprae cultured in the laboratory? A) It is grown on minimal media. B) It cannot be grown in the lab. C) It is grown using human tissue cultures. D) It is grown on complex media. E) It is a fastidious organisms that requires a variety of special conditions for growth. |
| 74. Which is not a clinical manifestation of lepromatous leprosy? A) Many bacilli are present in lesions. Numerous deep lesions are concentrated in cooler areas of the body. Mutilation of the extremities is common. No skin nodules are present. Patients are not reactive to lepromin. |
| 75. Primary infections caused by Streptococcus pyogenes are due to the organisms invading what two body sites? A) Nose and vagina B) Skin and eyes Eyes and gastrointestinal tract D) Mouth and urethra E) Skin and throat 76. What test allows for the differentiation of Group A streptococci from other -hemolytic |

A) CAMP test
B) Hippurate hydrolysis
C) Esculin hydrolysis
Bacitracin sensitivity
Growth in 6.5% salt

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| 77. What is t | he major virulence fort | |
|--|--|--|
| A) | the major virulence factor of Streptococcus pne | eumoniae? |
|) B) | Pyogonia | |
| (C) | Pyogenic exotoxins | |
| K | Capsule | |
| | DNase | |
| (C) | Hyaluronidase | |
| 78. A positiv | ve indole test indicates cleavage of indole from Lactose | |
| (A) | Lactore Lactore | what substrate? |
| , B) | Glucose | |
| (C) | | |
| (6) | Tyrosine | |
| l e | Tryptophan | |
| <u></u>) | Sucrose | |
| 79 Why do | OC Uron and I'm | |
| ^\ \ | es urea medium turn pink during a positive read | ction? |
| \sim | The organism ferments lactose to acidic end the medium. | 1-products which the - ! |
| | the medium. | products which then lower the pH of |
| ' B) ' | organism can unite curate on a sack- | source and release |
| | which then combines with water and sodium raises the pH of the medium. | to preduce and releases carbon dioxide |
| 6 | raises the pH of the medium | to produce sodium carbonate and |
| (C) | The organism produces urease, which apply | |
| The Control of the Co | The organism produces urease, which accumedium. | mulates and lowers the pH of the |
| (D) | The organism cannot grow in the | |
| (5) | The organism produces urease that also | of bile salts. |
| | The organism produces urease that cleaves raises the pH of the medium. | ures into ammonium which then |
| | | |
| 80. What is | the reservoir for Escherichia coli O157:H7? | |
| A | Humans | |
| (B) | Cattle | |
| (C) | Soil | |
| (0) | Wild rodents | |
| E) | Ameba | |
| - | | |
| 81. This vir | ologic test is used for studying RNA | |
| a. | Western blot | |
| / b. | Southern blot | |
| | Northern blot | |
| | | |
| | Eastern blot | |
| e. | Immunofluorescence assay (IFA) | |
| 92 D | ************ | |
| oz. Recent | viral infections are usually associated with labor | atory detection of |
| (a) | lgM | atory detection of |
| b. 1 | lgG | |
| c. 1 | lgA | |
| | lgE | |
| | | |
| e. 1 | lgC | |
| | | |
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| | | The state of the s |

| 83. With a case-fatality rate of 10%, this virus epidemia | |
|--|-----|
| 83. With a case-fatality rate of 10%, this virus epidemic occurred in S.E. Asia in 2002/2003 and is believed to have originated from horseshoe bats | |
| a. Swine flu | |
| b. Avian flu | |
| © SARS | |
| d. Mad cow disease | |
| e. Human flu | |
| o. Human nu | |
| 84 Virus partiales | |
| 84. Virus particles are known to have pentons and hexons as unique characteristics and two types are associated with gastroenteritis – which viruses are the contract of the c | |
| types are associated with gastroenteritis – which viruses are these? | |
| | |
| b. Rabies viruses | |
| c. Herpesviruses | |
| d. Polioviruses | |
| Adenoviruses | |
| 95 *6 | |
| 85. "Swimming pool" conjunctivitis is associated with infection with this virus | |
| | |
| b. Measles virus | |
| c. Calicivirus | |
| (d) Adenovirus | |
| e. HHV-6 | |
| 86 Dudawa I | |
| 86. Burkitt's lymphoma (BL) is caused by this virus | |
| a. All alpha-nerpesvirus | |
| b. A beta-herpesvirus | |
| A gamma-herpesvirus | |
| d. A delta-herpesvirus | |
| e. An epsilon-herpesvirus | |
| 87. The virus accessed to the | |
| 87. The virus associated with causation of cervical cancer is a. An RNA virus | 7 |
| b. A ssDNA virus | |
| c. A dsRNA virus | |
| d. Blood transmitted | |
| Sexually-transmitted | |
| S SADDING-transmitted | 1.3 |
| 88. Antigenic shift is likely to occur with these viruses | 61 |
| a Influenza type B virus | -1 |
| b. Retroviruses | 24 |
| Parainfluenza viruses | - |
| d. Parvoviruses | |
| e. Rotaviruses | |
| | |
| | |
| | |
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| 89. Nasophan | ngeal carcinoma is caus | | |
|--|-----------------------------|--|------------------------------|
| a. Hi- | ngeal carcinoma is caus | ed by this virus | |
| | IV-2 | | |
| C. HI | IV-3 NEW | | |
| | IV-4 - | | |
| | 1V-5 - cm | | |
| e, | 14-5 | | |
| 90 Adult To | All louds t t | | |
| go. Addit-1 C | il leukemia is caused by | a virus classified by Baltime | ore classification system as |
| a. T | | | |
| | nree | | |
| | | | DC |
| c. F | | | Sc 1 |
| d. F | | | 2.0 |
| (e) S | ix | | - |
| | 1945 N 1959 | | |
| 91. Acyclovi | is a drug of choice for | | |
| | Alpha-herpesviruses | | |
| | Beta-herpesviruses | | |
| C. (| Samma-herpesviruses | | |
| | Delta-herpesviruses | | |
| e. ! | Epsilon-herpesviruses | | |
| | | | |
| 92. An exam | nple of a viral oncogene (\ | v-onc) linked to degradation | of tumor suppressor p53 in |
| cervica | cancer is | THE STATE OF THE S | |
| | V-src | 8 | |
| | E6 | | |
| The second secon | E7 | | |
| | A2 | | |
| e. | p24 | | |
| | | | |
| 93. Hepati | is viruses associated with | causation of acute hepatitis | ONLY are transmitted via |
| a. | Blood | | |
| | Urine | | |
| | Vertically | | |
| d. | Aerosol | | |
| (e) | Fecal-orally | | |
| 04 75 | 2.44 | | |
| 94. The m | ost common virus associat | ed with infant gastroenteriti | s is |
| 7/276 | Adenovirus 40 | | |
| b. | Calicivirus | | |
| C. | Norovirus | | |
| (0) | Rotavirus | | |
| e. | Poliovirus | | |
| | | | |
| | | | |
| | | | |
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|-------|--|---------------------------------------|-----------------------|
| 95. H | epatitis C can be transmitted through | the following except | |
| | (a) Feco-oral route | a. 38990. 1 + 100 € 1900.01 € 1900.01 | |
| | b. Sexual intercourse | | |
| | c. Sharing needles | | |
| | d. Blood transfusion | | |
| | e. Needle pricks | | |
| 96. C | One of the following groups of viruses i | is most likely to be trans | smitted via ingestion |
| | a. Enveloped viruses | | on ingoodon |
| 1 | (b) Naked viruses | | |

- 97. The following are causes of respiratory infection except
 - a. Orthomyxoviridae

c. All RNA viruses d. All DNA viruses e. Segmented viruses

- b. Paramyxoviridae
- c. Togaviridae
- d. Coronaviridae
- (e) Reoviridae
- 98. One of the following drugs is used to treat both hepatitis B and HIV
 - (a) Lamivudine
 - Zidovudine
 - Adefovir
 - d. Acyclovir
 - e. Ribavirin
- 99. HIV
 - a. Has a segmented genome.
 - b. Is non-enveloped
 - c. Replicates in the nucleus
 - (d) Is a double-stranded RNA virus
 - e. Is in the family Reoviridae
- The following viruses are zoonotic except 100.
 - a. Yellow fever virus
 - b. Rotavirus
 - c) Hepatitis B virus
 - d. Rift Valley fever virus .
 - e. Influenza virus

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