

أسئلة فيروولوجي دكتور سمير

1)acyclovir is used for the treatment of : herpes simplex

5)incorrect : about HIVtransmitted by day-to- day nonsexual contact

10) most common cause of UTI : E.coli

6)incorrect : CMV causes skin infection

=HSV aja el herpetic whitlow

=viruses associated with genital lesions are: hsv hsv hpv

=which is wrong? hiv virus propagates through infection of new CD8 cells

=micro... incorrect about HIV , primary immune defect in AIDS results from the reduction in the numbers and effectiveness of CD8 helper T lymphocytes

=HSV-2 > Tzanck test use for diagnosis

=Cystic symptoms “dysuria, frequency, urgency “ The diagnosis of prostatitis Act prostatitis young adult

5.Ab CMV, all true except: causes skin disease

Q67. The Tzanck test is NOT used on which of the following viruses :A: HHV-8.

Q13: Latency of CMV virus is in? A: Monocytes.

Q38: Can cause fetal abnormalities: A: CMV & syphilis.

39) chorioretinitis is cause by +> CMV .

40) Cidovire is used in the treatment of ? +> CMV .

Microbiology:

1)acyclovir is used for the treatment of : herpes simplex

2)correct about N.gonorrhea: sensitive to silver nitrates

3)DD of lymphgranuloma ? a)chancroid

b)

babiosis

4)syphilis if the VDRL tests are negative in a patient with

symptoms : we do dark field microscopy

5)incorrect : about HIVtransmitted by day-to- day nonsexual

contact

6)incorrect : CMV causes skin infection 7)saddle nose,saber shin : congenital syphilis

9) one of the following is a non-treponemal test : VDRL 10) most common cause of UTI : E.coli

13) wrong answer about N.gonorrhea that it ferment glucose and maltose "the correct answer it ferment glucose only"

14) wrong answer about sarcoptes scabiei , the face is involved.15) wrong answer about phthirus(crab) pubis , can be detected by finding burrows under the skin. 16) Which of the following is incorrect regarding bacterial vaginosis? It is an STD

17) The CDC definition of AIDS :A) Have CD4+ Tlymphocyte counts below 200 . B) > have CD4+ T-lymphocyte counts less than 14% of total T .C) None of the above.D) All of the above. => Answer

\*Microbiology-Neisseria wel fermentation tb3ha-W 3n el HSV aja el herpetic whitlow-W 3n el HIV \$o t3ref el CDC Elo-W 3n el syphilis kan el chancre-El scabies wel pubis aja 3nhom-El pubis ma fehA el borrows-El scabies Eno ma bteje 3al face-El trichomonas ma bt3ml cyst-W el prostatitis Eno el MSU lal cystitis-W E.coli Azon Eno el urease wel stones l2eno hai lal proteus

\*CM .. Azon kan fe so2al jawabo ( granuloma inguinale)

what is the amount that indicate bacteriurea :l  $10^5$

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question about klabsella pneumonia

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q about painful ulcer

about urine culture > bacterial count above  $10^5$ /ml is UTI

non-gonococcal urethritis > ureaplasma urealyticum

CDC definition of AIDS > CD4 counts below 200/mm<sup>3</sup> or less than 14 %

Genital herpes is primarily a disease of young adults.

Both antigenic types 1 & 2 infect the genital area

The CDC definition of AIDS : a ) negative HIV antibody b ) have CD4+ T-lymphocyte counts below 200 . c ) > have CD4+ T-lymphocyte counts less than 14% of total T . d ) b + c . E ) all of the above >>> the answer is D

---micro

Cystic symptoms "dysuria, frequency, urgency "

The diagnosis of prostatitis

Acute prostatitis young adult

Gonorrhea : penicillin is no longer used

Non-gonococcal urethritis

The clue cell in G-vaginalis

Non-treponal test on syphilis

Gp120 in retrovirus function

The receptors for AIDS CD4

HSV virus "one of these wrong but "

Candida ""one of these wrong but "

Abt diagnosis of phthirus pubis

\*Q abt herpes,,which best describes it ( I think that its reactivated by stress and exposure to sun,,but not sure)

1.The major cause/s of urethritis: n.gonorrhea, HSV,chlamydia trachomatis, ureaplasma urealyticum, t.vaginalis, syphilis

2.A question abt first morning specimen, all true except: specimen of choice for culture and sensitivity

3.A question abt unusual color of urine, all true except: dark yellow- overhydrated

4.A question abt normal values in laboratories, all true except: specific gravity 1.0-1.025

5.About CMV, all true except: causes skin disease

4- about successive treatment of UTI :By follow up urine culture 1-2 weeks after therapy is completed

5- about urethral swab in male to test for gonorrhea : Specimen collected at least 2 hours after urination

6- a question about specific diagnoses of syphilis

1- which is true about bacteriuria :Results in invasion of tissues responsible for manufacture , transport and storage of urine

2- UTI caused by proteus is due to : Alfa - hemolysinPiliUrinary stones " the answer "

3- about schistosomiasis , which is false : S.hematobium is directed to superior mesenteric system

4- the selective medium for N . Gonorrhea is : Martin- Lewis

5- pubic louse infestation is diagnosed by :

Careful examination of hair for nits , nymphs and adults

6- musty odor of vaginal discharge is caused by : Gardnerella vaginalis

7- a question about infectious stages of syphilis

8- in HIV-1 , which is false :

-gp 120 for attachment

-CD4 cellular receptor

-CXCR4 and CCR5 are coreceptors

-TM for fusion of viral and cell membranes

-Infected cell expressing viral glycoproteins on its membrane fuse with uninfected CD8 T lymphocyte " the answer "

1- A question about HPV :-Increase risk of cardiovascular disease-HPV 16 & 18 strongly related to increased risk of oropharyngeal cancer -Pap smears reduced incidence of cervical cancer-Risk for cervical cancer can't be modified " I think this is the answer "

2- STDs are more serious in women because all of the following except

Usually asymptomaticMore frequent and more severeCan lead to infertility and ectopic pregnancy May be associated with cervical cancer Something else

Q25. which of the following statement concerning Chlamydia trachomatis infection is not true :

A: Serology is the diagnostic test of choice in the diagnosis of acute infection.

Q26. A female patient came to the clinic suffering from the following symptoms : grayish vaginal discharge with fishy odor , itchiness in vagina , painful sensation during intercourse What is the suspected etiological agent :

A: Gardnerella Vaginalis.

Q59. the portal hypertension seen in Schistosomiasis is mainly due to :

A: the intraportal of female eggs in the liver and the occurrence of perisinusoidal fibrosis of the liver.

Q60. Nits is always associated with infection with ?

A: Phthirus pubis.

Q64. A 30 year old patient with advanced HIV infection comes into clinic complaining that food is sticking in the back of his throat and in his chest when he tries to swallow . you look in his mouth and see patches of whitish material on the surface that can easily be removed and leaves a red base. The organism most likely to cause this is :

A: Candida albicans.

Q65. What features of Candida albicans facilitates its infection:

A: Biofilm formation.

Q66. which of the following statements concerning secondary syphilis is not true:

A: Appearance of chancre.

Q67. The Tzanck test is NOT used on which of the following viruses :

A: HHV-8.

Q68. Virus capsid antigen ,early antigen and nuclear antigens are used for specific identification :

A: Epstein-barr virus.

Q13: Latency of CMV virus is in?

A: Monocytes.

Q23: A "tumor virus":

A: HPV.

Q37: Which of these HIV protein products is coded for by "Pol" gene of the virus? A: Integrase enzyme.

Q38: Can cause fetal abnormalities:

A: CMV & syphilis.

34) What is wrong about Cold ulcer ?

+> it has high reoccurrence in different site of the original infection .

35) all of the following are functions of perineal muscle:

Q) Nits is always associated with infection with ?

C+) Phthirus pubis

Q) In doing a urine analysis for a patient suspected of having acute pyelonephritis , what is the mostly likely finding that will make a presumptive diagnosis ?

C+) WBC's cast

Q) which of the following statement concerning Chlamydia trachomatis infection is not true :

C+) Serology is the diagnostic test of choice in the diagnosis of acute infection

56) which of the following proteins on HIV is important for budding of the virus :

C+) p17 .

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+> CMV .

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+> CMV .

27) what doesn't give false positive test with reagin antibodies? a) normal pregnancy b) Liver dysfunction c) infectious mononucleosis d) Trichomoniasis .

25) Contradicted normal delivery is seen in which type of infection? a) CMV b) C. trachomatis c) EBV d) HSV2  
Axial filament is characteristic of which microorganism? <c> Treponema pallidum .

Q30: A skin lesion of tertiary syphilis is:

A: Gummas.

Q21: True about condyloma acuminatum:

A: Caused by HPV and characterized histopathologically by the presence of koilocytes.

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All of the following is true regard HIV virus except

- A .Viral genes are integrated into host genome
- B virus produced using host cell transcriptional and translational machinery
- C It has +ve single strand RNA genome that binds Ribosome and translated into polypeptide**
- D both horizontal and vertical transmission
- E the binding of gp120 to the CD4 receptor of the cell, which is followed by penetration and uncoating

All of the following are included in Antenatal tests except

- A Rubella
- B HIV
- C HBV
- D Herpes simplex**
- E Both B and D

In which of the following cases the cesarean delivery is recommended

- A Herpes simplex
- B HIV
- C HCV
- D CMV
- E All of the above**

All of the following is true regarding neonatal hepatitis except

- A Its caused by CMV and Herpes simple
- B Neonates whose mothers are HBsAg-positive should be given 1 dose of HBIG IM within 12 h of birth
- C breastfeeding does not seem to increase the risk of postpartum HBV transmission
- D primary hepatitis caused by hepatitis A , B and C**
- E .....

All of the following seen in AIDS Except

- A Cytomegalovirus disease of the retina
- B recurrent *Listeria monocytogenes* infection**
- C Kaposi's sarcoma
- D HIV encephalopathy
- E Pneumocystis jirovecii pneumonia

All of the following are causative agents of Hemorrhagic cystitis except

- A Polyoma BK virus
- B JC virus
- C Adeno virus 21 11
- D CMV
- E ( !! HIV ( the doctor said : very very rare**

Dr. HASAn

: Wrong about Shistosoma

Liver failure -

Wrong statement

Shistosoma has metacercaria -

wrong about Trichonoma Vaginalis

there is vaccine available -