

- 1) HCV causes transformation of hepatocytes.. By: NS3 gene oncogenic
- 2) all these microorganisms are match except: A) coccus (1nm) B) E.coli (2nm) C) HIV (120nm)
D) adenovirus (10nm) E) poxvirus (300nm)
- 3) if someone has a disease in J chain,, thats means that he has a problem in :: A) IgG B) IgG+IgM
C) igA D) igA+igM
- 4) eclipse phase is the period between-----and ----- Adsorption and uncoating
- 5) abortive infection--->no progeny production
- 6) so2al 3an el viral lab techniques kan fe 5ayarain 97 1)pcr is highly sensitive for viral genome 2)igG
will increase by 2 fold on reinfection.
- 7) all of the following about prions is true except: A)--- B)non-immunogenic C)kuru associated with
cannibalism D)prpSC acquired from exogenous E) can be detected by histopathological method
- 8) a mutation that introduce a new sequence of amino acids that is normally not found :: A) framshift
B) missense C) nonsense D) copy choice recombination
- 9) sth about +ssRNA replication eno kef b7l moshkeltk eno bkawam polyprotein (msh mt2kdeh mn eno
B3mal polyprotein ----El jawab 3an 6are8 el cleavage of polypeptide
- 10) which is not correct about viral pathogenesis Eno most of the rna viruses cause latent infection o
kman el virus is transported to the body through blood and salvia (el so2al feyo sth wrong)
- 11) features related to cell culture :: A) cytopathic effect B) heomadsorption
- 12) which of the following is common process o all type of virus :: A) mrna production B) glycoprotein
synthesis Mara 7ako a o Mara b makee sure had 99.9% r7 yeje

Answers ::-

2-d 3-c 7-El so2al en7athf 8-a 11-a