1- Which of the following is one of the Descriptive Epidemiological Research?

a) Case Control  
b) Case Reports  
c) Cohort  
d) Community Screening  
e) Clinical Trial

2- Which of the following is not one of the Analytical Epidemiological Research?

a) Case Reports  
b) Case Control  
c) Cohort  
d) Clinical Trial  
e) Community Screening

3- Which of the following is incorrect for Case Control Studies?

a) Research costs is lower  
b) Research time is short  
c) The association of Cause and effect is measured by calculation of Relative Risk  
d) The association of Cause and effect is measured by calculation of Odds Ratio  
e) Research is easy

4- A Cohort study was planned to identify the relationship between smoking and lung cancer.
   The Number of people in Smokers group = 1000 people 
   The Number of people in non-smokers group = 2000 people 
   The number of people with lung cancer in smokers group = 500 people 
   The number of people with lung cancer in non-smokers group = 200 people

   Fort this study, the relative risk is .....

   a) 1    b) 1.5   c) 2    d) 2.5   e) 5

5- A Case-Control study was planned to identify the relationship between smoking and lung cancer.
   The number of people with lung cancer = 2000 people 
   The number of people with healthy people = 2000 people 
   The Number of people who smoke in lung cancer group = 500 people 
   The Number of people who smoke in healthy group = 200 people

   Fort this study, the odds ratio is .....

   a) 25    b) 5    c) 4    d) 2.5    e) 1
6- ..................... is the proportion of truly healthy people who are so identified by the screening test.
   a)sensitivite  
   b)specificity  
   c)positive predictive value  
   d)negative predictive value  
   e)incidence  

7- ..................... is the proportion of truly ill people in the screened population who identified as ill by the screening test.
   a)sensitivite  
   b)specificity  
   c)positive predictive value  
   d)negative predictive value  
   e)prevalance  

8- Which of the following is incorrect for Community Screening Tests ?
   a)Screening test should be applied easily  
   b)Screening test should be cheaper  
   c)Sensitivite of screening test should be lower  
   d)Specificity of screening test should be high  
   e)Screening test should give the same results in repeated measurements  

9-The Framingham study, in which a group of residents have been followed since the 1950's to identify occurrence and risk factors for heart disease, is an example of which type of study ?
   a)Case report  
   b)Community Screening  
   c)Case Control  
   d)Cohort  
   e)Clinical trial  

10-To investigate the association between Kawasaki syndrome (KS) and carpet shampoo, investigators conducted a case-control study with 100 cases (100 children with KS) and 100 controls (100 children without KS). Among children with KS, 50 gave a history of recent exposure to carpet shampoo. Among those without KS, 25 gave a history of recent exposure to carpet shampoo. For this study, the odds ratio is .....
   a)1 b)1.5 c)2 d)3 e)12.5