

## 5. Dr. Olewe - NCDs

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Monday, 7 October 2019 14:43

1. Define Non-communicable diseases
2. Classify non-communicable diseases giving suitable example for each class
3. What is a risk factor in the context of NCDs
4. What are the 4 common risk factors of NCDs
  
5. Using a diagram, illustrate causal chain of NCDs
6. Describe the concept of "commonality of risk factors" and the public health significance / application
  
7. Question
  - a. Define social determinants of health
  - b. Using the conceptual framework of social determinants of health, describe its application in the prevention and control of NCDs
8. Surveillance
  - a. Define surveillance
  - b. Illustrate the components of WHO step wise surveillance of risk factors of NCDs
9. What are the rationale for selection of risk factors for surveillance
  
10. Use your knowledge of epidemiology to define the following
  - a. Risk
  - b. Absolute Risk
  - c. Attributable risk
  - d. Relative risk
  - e. Odds
  - f. Odds ratio
  - g. P value
  - h. 95% confidence interval
  
11. Choose 1 risk factor and look at the measure and strength of association between it and all 4 disease outcome. Repeat with all the risk factors. Use studies, CI's, publications and epidemiology. Each risk factor = min 1 page
  - o Risk factors (tobacco use, inappropriate diet, misuse of alcohol, lack of physical exercise and sedentary lifestyle)
  - o Disease outcome (cancers, diabetes, COPD, CVDs)

BOOK: WHO Commission on social factors of NCDs

Minimum 10 pages of answers, excluding title and reference.

*Times New Roman 12*