

1. (a) Adequate shelter means more than a roof over one's head. Explain any 5 components of "adequate shelter" as specified in the 2nd Habitat Conference in Istanbul, 1996. (10 marks)
(b) Explain the World Health Organization (WHO) four-layer model of housing (8 marks)
(c) Explain the 6 relationships between housing and health (12 marks)
2. (a) Explain Land Development Control as specified in National Land Policy, 2009 Chapter 3 (48) (2 marks)
(b) Explain 3 reasons why a Public Health official may enforce an action on a development (6 marks)
(c) During such enforcement in 2 b above, explain any 5 health related tools that may be applied (10 marks)
(d) Explain the procedure of such enforcement (2 marks)
3. (a) During planning for health and other services in a town, different activities are placed in different zones. Explain 4 reasons why different human activities are sited in separate locations. (8 marks)
(b) Explain any 6 types of urban land use (12 marks)
4. (a) Explain by giving relevant examples how housing affects Physical, Mental and Social health of inhabitants (12 marks)
(b) Explain the following topic: "Good Housing Leads to Good Health" (8 marks)
5. (a) Explain the 3 key domains of public health related to housing (6 marks)
(b) Explain the dangers of VOCs in relation to indoor health (2 marks)
(c) Explain how the following indoor chemicals affect health:
 - i) Benzene (2 marks)
 - ii) Asbestos (2 marks)
 - iii) Radon (2 marks)
(d) Explain how each of the chemicals in 5 c above can be mitigated against. (6 marks)