



THE SUPERIOR COLLEGE, LAHORE

4th PROFESSIONAL MBBS
Sent Up EXAMINATION 2019
Community Medicine

SEQ's

Roll No. 99
Total Marks: 75

Time Allowed: 2 HOURS

Instructions

1. Attempt all questions.
2. All question carry equal marks.
3. The SEQ's part is to be submitted within 2 hours, Extra time will not be given.
4. Neat Hand Writing use of margin and marker for headlines will increase the presentation of your paper.
5. Do not write your name or disclose your identity in anyway.

✓ 1. In a village development project, manual labour was provided by the villagers and consultancies were provided by different departments (health, education, agriculture and live stock). *community participation, intersectoral communication*

✓ 2. Which principals of **primary health care** are used in this project (2)

✓ 3. Enlist the components of **primary health care** (3)

✓ 4. Draw and Label "normal distribution curve". Enlist its salient features (3,2)

✓ 5. Enlist the **modes of intervention** with their level of application. (2)

✓ 6. Which levels are applicable during the pre-pathogenesis phase of diseases? (3)

How they are applied for prevention of Dengue fever?

✓ 7. Enlist **drinking water-borne diseases** with example (5)

✓ 8. **Communicable diseases** may be transmitted from the reservoir or source of infection to susceptible individual in many different ways, depending upon the infectious agent portal of entry and local ecological conditions. Classify various mode of transmission of infectious (communicable) diseases (5)

✓ 9. In a **case-control study** it was found that out of 88 smokers, 22 developed Ischemic heart disease, where as out of 100 non-smokers, 5 developed Ischemic heart disease

✓ 10. Make contingency table (1)

✓ 11. Calculate Odds ratio and relative risk with interpretation (4)

✓ 12. What do you understand by term "home bound", Enlist 3 geriatric linked diseases. (2,3)

✓ 13. What is communication process for health? What are its barriers (2.5)

✓ 14. Enlist the stages of **health education** (2.5)

- 9. a) Define malnutrition? (1)
- b) Make comparison between Marasmus & Kwashiorkor (4)
- 10. a) Define "Pneumoconiosis". 236 (1)
- b) Enlist factors underlying the pneumoconiosis. (4)
- 11. About 1.3 billion urban residents worldwide are exposed to air pollution level above recommended limits. (2)
 - combustion due to domestic fires
 - illuminates
- 12. a) Enlist major air pollutants → CO₂, CO, SO₂, H₂SO₄ (2)
- b) Briefly explain the effects of air pollution → Exhaust from vehicles (3)
- 13. Enlist the causes of maternal mortality → Industrial Pollutants (5)
- 14. What are the advantages of breast feeding, briefly explain. → Agricultural Process (5)
- 15. a) What is VITAL INDEX? (1)
- b) Number of live births in a village in year 2012 was 450 & 300 deaths occurred during same period. Calculate the Vital Index and interpret the data. (4)
- 16. a) What do you understand by term "DASH" in context to hypertension (2)
- b) Define Obesity, its public health importance & write down its classification (3)

DASH stands for dietary approach to stop hypertension.

- ✓ Simple Diet
 - ✓ Eat more fruits vegetable
 - ✓ low fat diet
- No trans Fats
 - No cholesterol
 - No saturated Fat

	Diseased	Not Diseased	total
persons)	27 a	66 b	88