



THE SUPERIOR COLLEGE, LAHORE

4th PROFESSIONAL MBBS

ANNUAL EXAMINATION 2019

COMMUNITY MEDICINE

(SEQ'S)

Roll No. FI-052

Time Allowed: 2 hours

Total Marks: 75

Instructions

- The SEQ's part is to be submitted within 2 hours, Extra time will not be given.
- Neat Hand Writing use of margin and marker for headlines will increase the presentation of your paper.
- Do not write your name or disclose your identity in anyway.

Q1	Primary health care is a new approach to health care which integrates at the community level all the factors required for improving the health status of the population. a) Enlist the principles of Primary Health Care b) What is the selective Primary Health Care approach proposed by UNICEF for mother and child health	(2) (3)
Q2	Different type of immunity being triggered in human beings serve as the basis of eradication or control of spread of disease a) Define Herd immunity. Name different elements of Herd immunity. b) What do you understand by the term Recombinant protein vaccine? Give its advantages and disadvantages. Give one example	(3) (2)
Q3	Exploration of disease transmission mechanisms are corner stone of epidemiology of infectious diseases and play pivotal role in disease prevention a) Enlist the ways by which vectors transmit the infectious agents b) What are the factors which influence the ability of vectors to transmit disease	(2) (3)
Q4	Health education is indispensable in achieving individual and community health. It can help to increase knowledge and to reinforce desired behavior patterns. a) What is the role of health care providers regarding health education? b) Define motivation and enlist its stages?	(3) (2)
Q5	Dengue is a social problem and can be overcome only by including all segments of the society in the anti-dengue drive. Therefore, every Department and person should fulfill their responsibility to save the people from dengue. a) Name the vector involved in transmission of dengue. b) In the context of peculiar habits of this vector, what are the general housekeeping activities to be taken by the community for the prevention and control of Dengue?	(1) (4)
Q6	A comparative study was conducted to assess the hemoglobin level at the start and towards the end of the pregnancy in the gynecology OPD. a) Which test of significance should be used for analysis of such data and justify your answer? b) How will you interpret the results on the basis of p value if α is kept at 0.05.	(3) (2)
Q7	A case control study was conducted to determine the association of preterm delivery and low socioeconomic status (L.S.E.S) of females. 162 females were studied, 64 delivered preterm babies out of these 53 were belongs to low S.E.S. 40 females belong to high S.E.S delivered normal babies. a) Construct 2 x 2 table b) Calculate measure of association. c) Interpret your results	(2) (2) (1)

Q 8	Population pyramid is the graphical presentation of composition of the population of a country and one can have multifaceted information by looking on this presentation. a) Enlist the uses and information a population pyramid provides to the Demographers b) Define Population Momentum. c) Enumerate the stages of population transition	(2) (1) (2)
Q 9	Low birth weight (LBW) is a phenomenon which is multifactorial in origin and remained a significant public health problem in many developing countries including Pakistan a) Enlist the components of kangaroo mother care b) What are the direct intervention measures for prevention of incidence of low birth weight babies	(2) (3)
Q 10	Occupational cancer is caused wholly or partly by exposure to a cancer causing agent (Carcinogen) at work, or by a particular set of circumstances at work. a) What are the characteristics of occupational cancer b) Enlist the control measures for industrial cancer	(2) (3)
Q 11	Food security is the biggest challenge, the world is facing nowadays and the situation is worse in developing countries. The condition is grave when we talk about specific food elements. 40 % of children under five are facing stunted growth as reported in the last National Nutrition Survey of Pakistan. a) Define "Protein Energy malnutrition"? b) Name its types? c) How will you explain on basis of different classifications?	(1) (1) (3)
Q 12	Drug addiction has become a world problem meriting the most serious consideration of all governments, international organizations and social welfare agencies. a) Differentiate between the terms "Drug Abuse" and "Drug Dependence". b) Briefly Describe different approaches used for prevention of drug addiction	(1) (4)
Q 13	Normally accidents are considered to be something inevitable to happen and people consider it a happening due to fate. But research has proven that accidents are preventable to a substantial extent. a) Define domestic accidents. b) Enlist the causes of domestic accidents. c) Enumerate the risk factors and prevention of one of the causes of domestic accidents	(1) (2) (2)
Q 14	Water resources are depleting with every passing day and particularly availability of drinking water is posing a threat for the existence of life in many part of this planet. a) Enlist methods of water purification at small and large scale b) Compare and contrast the rapid and slow sand filters	(2) (3)
Q 15	What is the role of a school teacher in school health services	(5)