

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

Master of Public Health (MPH) Second Year (Semester - II)

July 2019 Examinations

Time: 3 Hrs.

[Max. Marks: 80]

Communicable Diseases and Non Communicable Diseases

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

Section – A

Communicable Diseases

(40 Marks)

Q.P. Code: H2045

(Use separate answer booklet for section A & B)

Long Essay

1x10= 10 Marks

1. Explain in detail about Integrated Disease Surveillance Project (IDSP).

Short Essay

6X5=30 Marks

2. Write the differences between elimination, eradication and control with examples.
3. Explain the steps in investigation of an outbreak.
4. Write the indications of oral rehydration therapy.
5. Describe the Revised strategy for the management of patient under DOTS.
6. Describe the WHO strategies for elimination of measles.
7. Explain Pulse Polio Immunization.

Section – B

Non- Communicable Diseases

(40 Marks)

Q.P. Code: H2046

(Use separate answer booklet for Section-B)

Long Essay

1x10= 10 Marks

1. Describe National Programme for Prevention and Control of Cancer, Diabetes, Cardiovascular Diseases and Stroke. (NPCDCS).

Short Essay

6X5=30 Marks

2. Describe the Prevention of Rheumatic Heart Disease.
3. Explain all the possible risk factors associated with cancer.
4. Describe the causes and prevention of Blindness.
5. Explain the risk factors in Non-Communicable Diseases.
6. Explain the causes of mental ill health.
7. Discuss the prevention and control of obesity in children.

*** * ***

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

Master of Public Health (MPH) First Year (Semester - II)

July 2019 Examinations

Time: 3.00 Hrs.

[Max. Marks: 80]

Environmental Health, Nutrition & Microbiology

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

Section – A

Nutrition & Microbiology

(40 Marks)

Q.P. Code: H2065

(Use separate answer booklet for section A & B)

Long Essay

1x10= 10 Marks

1. Mention different community nutrition programmes in the country and critically comment on any one of them.

Short Essay

6X5=30 Marks

2. Explain about milk hygiene.
3. Explain about endemic fluorosis.
4. Food additives and food adulteration are not synonymous. Explain.
5. Pathogenesis & Laboratory diagnosis of tuberculosis.
6. Pulse polio immunization.
7. Pathogenesis & Laboratory diagnosis of enteric fever.

Section – B

Environmental Health

(40 Marks)

Q.P. Code: H2066

(Use separate answer booklet for section B)

Long Essay

1x10= 10 Marks

1. Define pollution. Mention the natural and manmade pollutants that cause air pollution. Enumerate various methods to control air pollution.

Short Essay

6X5=30 Marks

2. Discuss the salient features of water pollution control act.
3. Name some endangered species of plants and animals of our country.
4. Mention the causes and measures of population explosion.
5. Explain food chains and food web. Give examples and discuss their significance.
6. Write short note on bio magnification and blue baby syndrome.
7. Mention the uses of forest.

*** * ***

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

Master of Public Health (MPH) First Year (Semester - II)

July 2019 Examinations

Time: 3.00 Hrs.

[Max. Marks: 80]

Research Methodology, Ethics & Biostatistics – II

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

Section – A

Research Methodology and Ethics

(40 Marks)

Q.P. Code: H2055

(Use separate answer booklet for section A & B)

Long Essay

1x10= 10 Marks

1. Enumerate the Principles laid down by ICMR that is to be followed when using human beings for research. Give the details pertaining to Principles of Informed Consent.

Short Essay

6X5=30 Marks

2. Explain clinical trials.
3. Describe sampling in qualitative research.
4. Distinguish between “Accuracy” and “Precision”.
5. Explain the meaning and significance of Research Design.
6. Define Bias. Describe types of Bias.
7. Explain cross over type of study design.

Section – B

Advanced Biostatistics

(40 Marks)

Q.P. Code: H2056

(Use separate answer booklet for Section-B)

LONG ESSAY

1X 10 = 10 Marks

1. Define regression analysis. Mention 3 types of regression. Explain linear regression

SHORT ESSAY

6X 5 = 30 Marks

2. Explain Types of errors in hypothesis testing
3. Use of vital rates in public health.
4. Z test in testing significance
5. Explain the steps in Testing of Hypothesis.
6. Explain correlation and its types with examples
7. Following data is the Weight (kg) of school going (A) and non- School going

(B) children of 5 years of age in slum areas :

Population	sample size	Mean	SD
A	100	17.4	3.0
B	100	13.2	2.5

Test the hypothesis for mean difference in weight

*** * ***