



04805

**Fourth B.H.M.S. (New) Examination, Summer 2018**  
**COMMUNITY MEDICINE**

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black ball point pen only.**
  - 2) Do not write anything on the **blank portion of the question paper.** If written anything, such type of act will be considered as an attempt to resort to unfair means.
  - 3) **All questions are compulsory.**
  - 4) The number to the **right indicates full marks.**
  - 5) Draw diagrams **wherever necessary.**
  - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.

1. Write short answer (any ten out of fifteen) : **(10x2=20)**
- a) Mention four Modes of Direct Transmission.
  - b) Mode and time of administration of MMR vaccine.
  - c) Define Incidence and write two uses.
  - d) Mention any four investigations in diabetes mellitus.
  - e) Any four complications of Mumps.
  - f) Iceberg Phenomenon of Disease.
  - g) Mention any four side effects of Hormonal contraceptives.
  - h) Functions of Health Communication.
  - i) Mention any 4 sources of health information.
  - j) Any four functions of Primary Health Centre.
  - k) Iodine Deficiency disorders.

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- l) Criteria for risk mother during ANC.
- m) Mention any four effects of Radiation.
- n) Trace elements.

→ o) Enumerate three steps in Planning.

2. Write short answer (any four out of six) :

(4x5=20)

- a) Association And Causation.
- b) Write Procedures in Descriptive Studies. Add note on uses of Descriptive Epidemiology.
- c) Epidemiological triad, diagnosis, Control and Prevention of Tetanus.
- d) Mention various types of accidents. Add a note on Domestic Accidents – Causes, Risk Factors and Prevention.
- e) Adverse Events after Vaccination.
- f) Notification of Diseases.

3. Write short answer (any four out of six) :

(4x5=20)

- a) Primary Health Care.
- b) Natural History of Disease.
- c) Thiamine- Sources, Functions, Thiamine losses, Deficiency Disorders.
- d) Mention the environmental factors, Signs and Symptoms, Control and Prevention of Drug addiction.
- e) UNICEF
- f) ESI Act.

4. Long answer question (any two out of four) :

(2x10=20)

- a) Write in detail the epidemiological Determinants, High Risk Patients, Clinical Manifestation, Prevention and Control in Dengue.
- b) Neonatal care and neonatal examination.
- c) Epidemiological Determinants, risk factor, hazards and assessment of Obesity.
- d) Role of Homoeopathy in Community Medicine.



Long answer question (any one from Q. No. 5, 6 and 7) :

5. Long answer question : (1x20=20)

Write in detail epidemiological determinants, clinical features, diagnosis, control and prevention of AIDS. Add a note on National AIDS control programme.

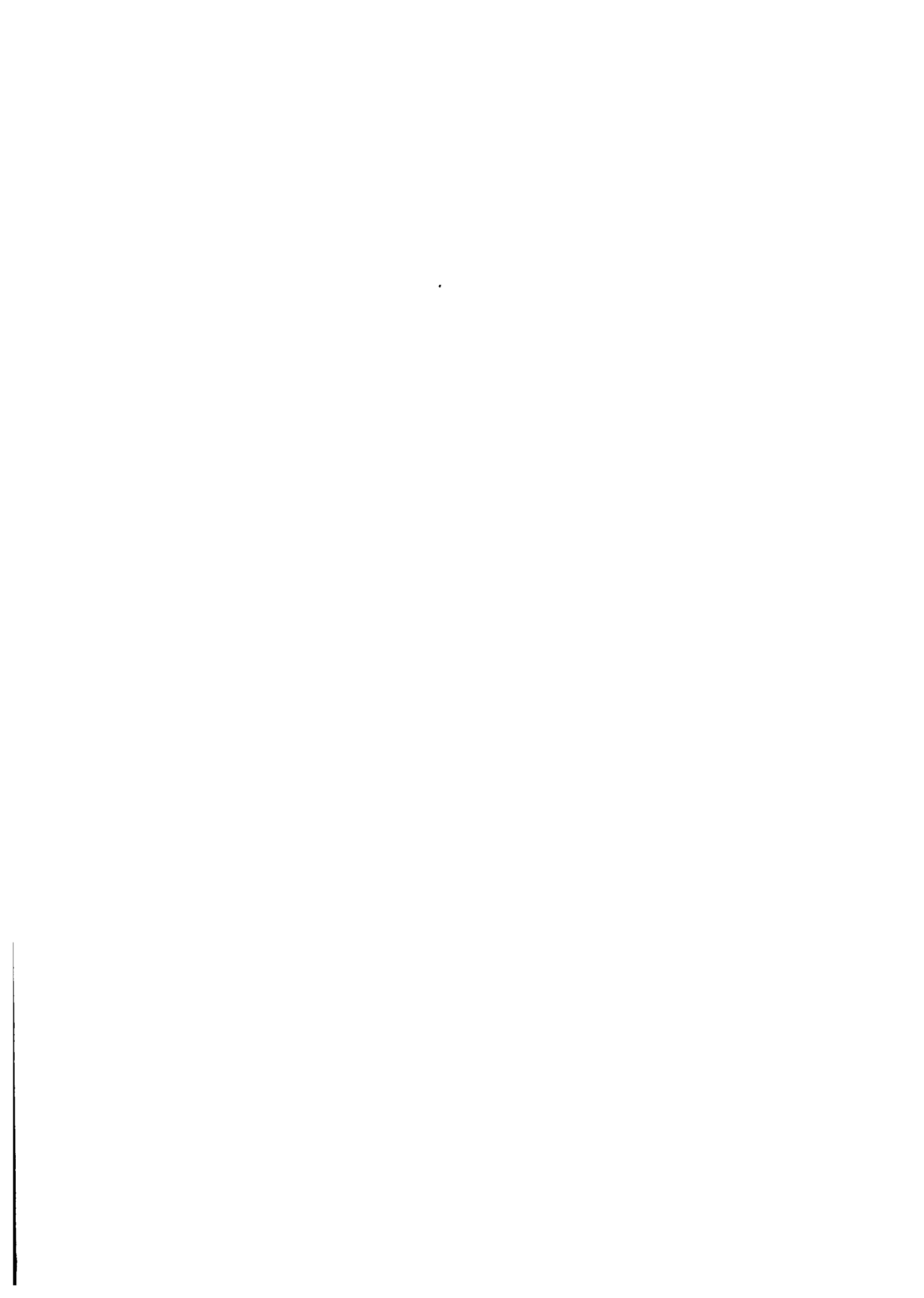
6. Long answer question : (1x20=20)

Define Balanced Diet and write about the Dietary Goals. Also mention sources, functions and supplementary action of proteins and add a note on PEM and Mid day meal programme.

7. Long answer question : (1x20=20)

Mention various air pollutants, their health hazards, prevention and control in detail. Also mention various water pollutants, water related diseases, prevention and control of the same in detail.

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**Fourth B.H.M.S. (New) Examination, Winter 2017  
COMMUNITY MEDICINE**

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  - 3) **All questions are compulsory.**
  - 4) The number to the **right** indicates **full marks.**
  - 5) **Draw diagrams wherever necessary.**
  - 6) **Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.**

1. Write short answer (any ten out of fifteen) :

(10×2=20)

- a) Preventive methods for poliomyelitis.
- b) Mantoux test.
- c) What are fomite-borne diseases ? Name any 2 of them.
- d) Epidemiological triad.
- e) What is rule of halves ?
- f) Write barriers in health education.
- g) Mention vaccines administered at the time of birth.
- h) Hormonal contraceptives.
- i) Define maternal mortality.
- j) What is ASHA ?
- k) Ideal well.
- l) Dietary supplements during pregnancy.
- m) What do you mean by low birth weight babies ?
- n) ESI Act.
- o) Endemic dropsy.

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2. Write short answer (any four out of six) : (4×5=20)
- Explain Dynamics of disease transmission.
  - Compare case control and cohort study.
  - Clinical features of Chickenpox.
  - Write about the warning signs and screening of cancer.
  - Hazards of immunization.
  - Various methods of presentation of data.

3. Write short answer (any four out of six) : (4×5=20)
- Health for all.
  - Spectrum of health and disease.
  - Lathyrism.
  - Causes of mental illhealth and its prevention.
  - UNICEF.
  - Silicosis and its prevention.

4. Long answer question (any two out of four) : (2×10=20)
- Write epidemiology of plague and its control measures.
  - What is meant by family planning ? A newly married couple comes to you, who does not want to have a child for two years, discuss the methods you will advice.
  - Discuss epidemiology, control and prevention of Diabetes.
  - Scope of Homoeopathy in epidemics.

Long answer question (any one from Q. No. 5, 6 and 7) :

5. Long answer question : (1×20=20)  
Describe the epidemiology of AIDS in detail with respect to its agent, host, mode of transmission, clinical presentation and control.
6. Long answer question : (1×20=20)  
Define demography, write in detail demographic cycle. Mention the effects of population explosion and add a note on MTP Act.
7. Long answer question : (1×20=20)  
Enumerate the objectives of ANC, discuss in detail under fives' clinic. compare breast feeding vs artificial feeding.



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  - 3) **All questions are compulsory.**
  - 4) **The number to the right indicates full marks.**
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  - 6) **Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.**

1. Write short answer (any ten out of fifteen) :

(10×2=20)

- a) Define of Epidemiology.
- b) Define Sporadic and Pandemic.
- c) Define Vaccine.
- d) Two screening Tests for Diabetes Mellitus.
- e) Name any two live attenuated viral vaccines.
- f) The Mean.
- g) Basal Body Temperature Method. (BBT).
- h) Four duties of Health Worker Female (HWF).
- i) Pie Chart.
- j) Write four functions of health education.
- k) Mention any four milk born diseases.
  - l) Any four investigations which should be done during ante natal care.
- m) Name any two engineering measures for prevention of occupational diseases.
- n) Mention deficiency disease caused by Vitamin D.
- o) Name any two differences between Shallow well and Deep well.

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(4×5=20)

2. Write short answer (any four out of six) :
- Classification of Epidemiology studies.
  - Descriptive Epidemiology.
  - Prevention and control of acute Diarrhoeal Diseases.
  - Prevention and control of obesity.
  - DPT Vaccine.
  - Registration of Vital Events.

(4×5=20)

3. Write short answer (any four out of six) :
- Describe "Health For All".
  - Concept of Causation.
  - Vitamin A.
  - Environmental factors, symptoms, prevention of Drug Abuse.
  - Red Cross.
  - Lead Poisoning.

(2×10=20)

4. Long answer question (any two out of four) :
- Describe Rabies in Man and Prevention of Human Rabies.
  - Write about Essential Amino Acids, functions of proteins, supplementary action of proteins and protein energy malnutrition.
  - Risk factors, signs and symptoms, investigations, complications, prevention and control of coronary Heart Disease.
  - Write in detail role of Genus Epidemicus, Constitutional Medicine and Nosodes in prevention and control of Diseases.

Long answer question (any one from Q. No. 5, 6 and 7) :

5. Long answer question :
- Describe in detail epidemiology of Dengue syndrome.

(1×20=20)

6. Long answer question :
- Describe in detail prevention of Occupational Diseases.

(1×20=20)

7. Long answer question :
- Describe in detail factors affecting infant mortality and preventive and social measures to reduce infant mortality rate.

(1×20=20)

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Fourth B.H.M.S. (New) Examination, Summer 2016  
COMMUNITY MEDICINE

Total Duration : Section A/B = 3 Hours

Total Marks : 100

SECTION – A/B

- Instructions :**
- 1) **All questions are compulsory.**
  - 2) **All questions carry equal Marks.**
  - 3) **The number to the right indicates full marks.**
  - 4) **Draw diagrams wherever necessary.**
  - 5) **Do not write anything on the blank portion of the question paper. If written anything, such type of act will be considered as an attempt to resort to unfair means.**
  - 6) **Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from Paper – I Syllabus to Paper – II and Vice Versa. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.**

SAQ

(60 Marks)

1. Write appropriate answers (any ten out of fifteen) :

(10x2=20)

- a) Methods of transmission of disease agent by vectors.
- b) Precurrent disinfection
- c) Eligible couples
- d) Types of Hardness of water
- e) Genetic counseling
- f) Effects of noise pollution
- g) Accidents in industry
- h) Dimensions of Health
- i) Classification of Vitamins
- j) Methods of disposal
- k) Types of communication
- l) Types of epidemics

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- m) Sources of Health information
- n) Mental Health services
- o) Standard of living

2. Write short answer (any four out of six) :

(4×5=20)

- a) Epidemiological methods
- b) Compare and contrast case control and cohort study.
- c) Clinical presentation of cholera
- d) Causes and control of cancer
- e) Mention various Immunizing agents
- f) Different methods of presentation of statistical data.

3. Write short answer (any four out of six) :

(4×5=20)

- a) Millennium development goals
- b) Natural history of disease
- c) Prudent diet
- d) Types of mental illness
- e) UNICEF
- f) Occupational diseases.

**LAQ**

**(40 Marks)**

4. Long answer question (any two out of four) :

**(2×10=20)**

- a) Epidemiology of tuberculosis
- b) Causes influencing fertility
- c) Causes and prevention of accidents
- d) Scope of Homoeopathic specifics and constitutional in prevention of diseases.



Long answer question (any one from Q. No. 5, 6 and 7)

(1×20=20)

5. Answer the following :

- a) Epidemiology of AIDS 5
- b) Clinical features of AIDS 5
- c) Diagnosis of AIDS 5
- d) Control and prevention of AIDS. 5

6. Define balanced diet :

- a) Classification of foods 5
- b) Trace elements 5
- c) Low birth weight 5
- d) PEM. 5

7. Define safe and wholesome water :

- a) Sources of water 5
  - b) Classification of water borne diseases 5
  - c) Mosquito borne diseases 5
  - d) Mosquito control measures. 5
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