

2

**MUHS EXAM**  
**QUESTION PAPERS**  
**FOR SECOND YEAR**



=20)

62602

**Second Basic B.Sc. NURSING Examination, Summer 2016**  
**MEDICAL SURGICAL NURSING – I**

Total Duration: Section A+B = 3 Hours

Total Marks :75

**SECTION – A & SECTION – B**

- 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.
  - 7) Use a common answerbook for **all** Sections.

**SECTION – A**

**(40 Marks)**

1. Short answer question (**any five** out of six) : **(5×5=25)**
  - a) Difference between Gastric ulcer and Duodenal ulcer.
  - b) Wound healing process.
  - c) National AIDS control program.
  - d) Non pharmacological management of pain.
  - e) Nursing care of patient with indwelling catheter.
  - f) Role of nurse in infection control in O.T.

P.T.O.



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2. Long answer question (**any one** out of two) :

- a) Mr.X 58 years old male admitted in surgery ward with complaints of abdomen pain, nausea, vomiting and diagnosed with intestinal obstruction. Answer the following questions. Define intestinal obstruction.

Explain pathophysiology of intestinal obstruction. Write down post operative nursing management of exploratory laparotomy.

for Mr. X with two priority nursing diagnosis.

- b) Mr.Y 68 Yrs old male admitted in orthopaedic ward with fracture. Answer the following questions.

Define fracture.

Write the classification of fractures

Write down nursing management of fracture with two priority nursing diagnosis.

SECTION – B

3. Short answer question (**any four** out of five) :

- a) DOTs therapy.
- b) Nursing care of patient with intercostal drainage.
- c) Cardiopulmonary resuscitation.
- d) Nursing management of client with HIV
- e) Role of nurse in blood transfusion.

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

- a) Mrs.Y 60 years old female admitted in dialysis unit with Acute renal failure. Answer the following questions.

Define Acute renal failure.

Explain the pathophysiology of Acute renal failure.

Write down the nursing management with two priority nursing diagnosis.

- b) Mr.A years old male admitted in ward with complaints of pain and distension abdomen, increased abdominal girth and diagnosed with Cirrhosis of liver. Answer the following questions.

Define Cirrhosis of liver.

Explain the pathophysiology of Cirrhosis of liver.

Write down the nursing management with two priority nursing diagnosis.



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MEDICAL SURGICAL NURSING – I

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  - 7) **Use** a common answerbook for **all** Sections.

SECTION – A

(40 Marks)

1. Short answer question (any five out of six) : (5×5=25)
- a) Difference between Gastric ulcer and Duodenal ulcer.
  - b) Wound healing process.
  - c) National AIDS control program.
  - d) Non pharmacological management of pain.
  - e) Nursing care of patient with indwelling catheter.
  - f) Role of nurse in infection control in O.T.

P.T.O.





2. Long answer question (**any one** out of two) : (1)
- a) Mr.X 58 years old male admitted in surgery ward with complaints of abdomen pain, nausea, vomiting and diagnosed with intestinal obstruction. Answer the following questions. Define intestinal obstruction.  
Explain pathophysiology of intestinal obstruction. Write down post operative nursing management of exploratory laparotomy .  
for Mr. X with two priority nursing diagnosis.
- b) Mr.Y 68 Yrs old male admitted in orthopaedic ward with fracture. Answer the following questions.  
Define fracture.  
Write the classification of fractures  
Write down nursing management of fracture with two priority nursing diagnosis.

## SECTION – B

(35)

3. Short answer question (**any four** out of five) : (4)
- a) DOTs therapy.  
b) Nursing care of patient with intercostal drainage.  
c) Cardiopulmonary resuscitation.  
d) Nursing management of client with HIV  
e) Role of nurse in blood transfusion.
4. Long answer question (**any one** out of two) : (1x)
- a) Mrs.Y 60 years old female admitted in dialysis unit with Acute renal failure. Answer the following questions.  
Define Acute renal failure.  
Explain the pathophysiology of Acute renal failure.  
Write down the nursing management with two priority nursing diagnosis.
- b) Mr.A years old male admitted in ward with complaints of pain and distension of abdomen, increased abdominal girth and diagnosed with Cirrhosis of liver. Answer the following questions.  
Define Cirrhosis of liver.  
Explain the pathophysiology of Cirrhosis of liver.  
Write down the nursing management with two priority nursing diagnosis.
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**Second Basic B.Sc. Nursing Examination, Summer 2016**  
**PHARMACOLOGY, PATHOLOGY AND GENETICS**

Total Duration : Section A + B + C = 3 Hours

Total Marks : 75

- Instructions :**
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  - 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.
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  - 7) Use a common answer book for **all Sections**.

**SECTION – A**

**(40 Marks)**

**Pharmacology**

1. Short answer question (**any five** out of six) : **(5×5=25)**
  - a) Classify routes of drug Administration. Write Advantages of sublingual route of Administration.
  - b) Write uses of Penicillins.
  - c) Write Management of Opioid Poisoning.
  - d) Classify Diuretics. Write uses of thiazides.
  - e) Write Five Atropine Substitutes. Write use of each Atropine Substitute.
  - f) Write uses of Morphine.
2. Long answer question (**any one** out of two) : **(1×15=15)**
  - a) Classify drugs used for the treatment of hypertension. Write uses and adverse reactions of enapril.
  - b) Classify Adrenergic drugs. Write Uses and side effects of Adrenaline.

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SECTION – B

Pathology

3. Short answer question (**any four** out of five) :

- a) Describe healing of a bone fracture. Mention its complications.
- b) Enumerate the stages of Alcoholic Liver disease. Describe gross and microscopic features of Alcoholic cirrhosis.
- c) Define gangrene and write the differences between dry and wet gangrene.
- d) Describe in brief the etiology and morphology of various types of renal calculi.
- e) Write a note on Glucose Tolerance Test.

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

- a) Define Inflammation. Describe the vascular and cellular changes seen in acute inflammation.
- b) Give indications of Lumbar Puncture. Mention the sites of this procedure. Differentiate between pyogenic, tuberculous and viral meningitis on the basis of CSF examination.

SECTION – C

Genetics

5. Short answer question (**any two** out of three) :

- a) Steps(procedure) of karyotyping.
- b) Clinical features of Down's syndrome(Trisomy21, mongolism).
- c) Noninvasive prenatal diagnostic procedure.



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Second Basic B.Sc. Nursing Examination, Winter 2016  
PHARMACOLOGY, PATHOLOGY AND GENETICS

Total Duration : Section A + B + C = 3 Hours

Total Marks : 75

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SECTION – A (40 Marks)

(Pharmacology)

1. Short answer question (**any five** out of six) : (5×5=25)
- a) Mention five advantages of intravenous route of drug administration.
  - b) Enumerate disinfectants. What are the uses of Glutaraldehyde ?
  - c) What is Omeprazole ? Mention the uses of Omeprazole.
  - d) Give three examples of mucolytic agents. Explain the role of mucolytic agents in management of Bronchial Asthma.
  - e) What is the difference in vaccine and sera ? Describe the advantage of oral polio vaccine over injectable polio vaccine.
  - f) Enumerate and mention the role of any five drugs used as pre - anaesthetic medication.

P.T.O.





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2. Long answer question (any one out of two) :

(1x)

- a) Enumerate commonly used opioid analgesics. Describe uses of morphine. What is the nurses' responsibility in a patient treated with morphine ?
- b) Classify anti-tubercular drugs. Explain DOTS mentioning its importance and treatment strategy. What is the role of nurse before and after starting anti-tubercular drugs ?

### SECTION - B (29 Marks)

#### (Pathology)

3. Short answer question (any four out of five) :

(4x)

- a) Give differences between benign and malignant tumours.
- b) Describe etiology, pathology and complications of lung abscess.
- c) Describe gross and microscopic features of Tuberculosis of lymph node.
- d) Describe the method of blood grouping and its importance.

4. Short answer question (any one out of two) :

- a) Define thrombosis. Describe the pathogenesis and complications of thrombus formation.
- b) Define inflammation. Describe the role of chemical mediators in inflammation.

### SECTION - C (6 Marks)

#### (Genetics)

5. Short answer question (any two out of three) :

- a) Morphology and classification of human chromosomes
- b) Sex chromatin (Barr body)
- c) Down syndrome (Trisomy 21).

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SECTION - C

(30 Marks)

12

Long answer question (any two from Q. No. 4, 5, and 6):

- 15) 4. Mr Ravi admitted in medical ward with C/o high fever. answer the following.  $\times$   
(1x15=15)
- a) Define typhoid. 5
  - b) Write its Pathophysiology. 5
  - c) Write Clinical manifestation of typhoid fever. 5
5. Mrs. Shantabai 45 yrs. admitted in Medical Ward. answer the following : (1x15=15)
- a) Define gastritis 7<sup>5</sup><sub>2</sub>
  - b) Write Classification of gastritis 5<sub>3</sub>
  - c) Clinical manifestation of gastritis. 5<sub>2</sub>
- 20) 6 Miss Revati 30 yrs. housewife is admitted in surgical ward. answer the following : (1x15=15)
- a) Define intestinal obstruction. 2<sup>5</sup>
  - b) Write causes of intestinal obstruction. 2<sub>5</sub>
  - c) Clinical manifestation of intestinal obstruction. 2<sub>5</sub>

9)

6)



Second Basic B.Sc. Nursing Examination, Summer 2016  
COMMUNICATION AND EDUCATIONAL TECHNOLOGY

Total Duration : Section A+B = 3 Hours

Total Marks : 75

SECTION - A & SECTION - B

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  - 7) **Use** a common answerbook for **all** sections.

SECTION "A" (40 Marks)

1. Short answer question (**any five** out of six) :

(5x5=25)

- a) Micro-teaching.
- b) Classroom management.
- c) Principles and maxims of learning.
- d) Aims of education.
- e) Team work.
- f) Rules of preparing poster and its uses.



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2. Long answer question (**any one** out of two) :

(1x15=)

- a) Write purposes and scopes of evaluation and assessment. Prepare observation checklist to assess any one skilled procedure.
- b) Write purposes & types of Interpersonal relationship and Discuss the barriers to interpersonal relations and methods of overcoming barriers with suitable examples

**SECTION "B" (35 Marks)**

3. Short answer question (**any four** out of five) :

(4x5=)

- a) Lecture as a method of teaching
- b) Merits of multiple choice questions.
- c) Principles of communication.
- d) Tape recorder.
- e) Need of clinical evaluation in nursing education.

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

(1x15=)

- a) Describe relationship between Philosophy and Education and Explain Idealism as a philosophy of education with examples.
- b) Discuss Guidance and Counseling and Describe qualities of a good Counselor and Discuss the need of Guidance and Counseling in nursing education with suitable examples.



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**Second Basic B.Sc. Nursing Examination, Summer 2016**  
**COMMUNITY HEALTH NURSING – I**

Total Duration : Section A + B = 3 Hours

Total Marks : 75

**SECTION – A & SECTION – B**

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  - 7) **Use** a common answerbook for **all** Sections.

**SECTION – A**

**(40 Marks)**

1. Short answer question (**any five** out of six) :

**(5×5=25)**

- a) Determinants of health.
- b) Methods used for domestic water purification.
- c) Types of ventilation.
- d) Control measures for noise pollution.
- e) Population explosion.
- f) Women empowerment.

2. Long answer question (**any one** out of two) :

**(1×15=15)**

- a) Define primary health care. Explain principles and elements of primary health care. Discuss the role and responsibilities of community health nurse in primary health center.
- b) List the sources of drinking water. Discuss causes of water pollution. Explain large scale purification of water.

P.T.O.



Second Basic B.Sc. Nursing Examination, Winter 2017  
COMMUNICATION AND EDUCATIONAL TECHNOLOGY

Total Duration : Section A + B = 3 Hours

Total Marks : 75

SECTION – A & SECTION – B

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  - 7) Use a common answerbook for all sections.

SECTION – A

(40 Marks)

1. Short answer question (**any five** out of six) :

(5×5=25)

- a) Barriers of effective communication.
- b) Enlist the various methods of teaching.
- c) Johari Window.
- d) Group Dynamics.
- e) Explain the purposes of evaluation in nursing.
- f) Aims of education.

2. Long answer question (**any one** out of two) :

(1×15=15)

- a) i) Define Audio-visual Aids.  
ii) Enlist graphic teaching Aids.  
iii) Discuss characteristics, advantages & disadvantages of Blackboard (Chalk board) in detail.
- b) i) Define Health Education.  
ii) Describe the principles of Health Education.  
iii) Discuss methods & media for communicating health messages.

P.T.O.



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SECTION – B

(35 Mark

3. Short answer question (**any four** out of five) :

(4×5=2

- a) Types of Audio-visual Aids.
- b) Communication Process.
- c) Discuss 'Demonstration' as a teaching method.
- d) Explain interpersonal relationship.
- e) Multiple choice questions.

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

(1×15=1

- a) i) Define Guidance and counseling.  
ii) Describe the basic principles of Guidance and counseling.  
iii) Discuss the steps and techniques of counseling process.
- b) i) Define Education.  
ii) Enlist principles of Education.  
iii) Discuss 'Idealism' as one of the important philosophies of education.

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62604

**Second Basic B.Sc. Nursing Examination, Winter 2017  
COMMUNITY HEALTH NURSING – I**

Total Duration : Section A + B = 3 Hours

Total Marks : 75

**SECTION – A and SECTION – B**

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  - 7) Use a common answerbook for **all** Sections.

**SECTION – A (40 Marks)**

1. Short answer question (**any five** out of six) : **(5×5=25)**
  - a) Food Adultration.
  - b) Purification of water on small scale.
  - c) Standards of good housing.
  - d) Principles of bag technique.
  - e) Prevention of communicable diseases.
  - f) Promotion of health.
  
2. Long answer question (**any one** out of two) : **(1×15=15)**
  - a) Discuss the different methods of solid waste disposal. Discuss the hazards of improper waste disposal.
  - b) What is epidemiological concept of disease ? Describe the natural history of disease. Explain the agent factors of disease.

**P.T.O.**





## SECTION – B (35 Marks)

3. Short answer question (**any four** out of five) :

(4×5=

- a) Prevention and control of air pollution.
- b) Hazards of radiation.
- c) Applied nutritional Programme.
- d) Control of Tuberculosis.
- e) Principles of Home visit.

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

(1×15=1

- a) Define community health Nursing. State the functions of a community health nurse. Describe the role of community health nurse in the maintenance of records and reports.
  - b) Define the term Health indicators and their characteristics. Explain mortality indicators.
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Second Basic B.Sc. Nursing Examination, Winter 2017  
**SOCIOLOGY**

Total Duration : Section A + B = 3 Hours

Total Marks : 75

## SECTION – A and SECTION – B

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  - 7) Use a common answerbook for **all** Sections.

## SECTION – A (40 Marks)

1. Short answer question (**any five** out of six) : (5×5=25)
  - a) Illustrate the agencies of socialization.
  - b) Caste system in India.
  - c) Folkways.
  - d) Prostitution.
  - e) Diversity of Indian culture.
  - f) Population Explosion.
  
2. Long answer question (**any one** out of two) : (1×15=15)
  - a) Define Family, enlist the types of family, discuss functions of the Family.
  - b) Define social groups, explain the characteristics of social group, distinguish between the primary and secondary groups.

P.T.O.



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SECTION – B (35 Marks)

3. Short answer question (**any four** out of five) : (4x)
- a) Scope of sociology in nursing.
  - b) Panchayat Raj System.
  - c) Effect of divorce on the children.
  - d) Substance abuse.
  - e) Social welfare programmes in India.
4. Long answer question (**any one** out of two) : (1x15)
- a) Define Society, explain the nature of society and differentiate between the urban and rural community.
  - b) Define Social Change. Explain the factors influencing social change. Write the role of a nurse as a change agent.
-



**Second Basic B.Sc. Nursing Examination, Summer 2018**  
**SOCIOLOGY**

Total Duration : Section A + B = 3 Hours

Total Marks : 75

SECTION – A & SECTION – B

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  - 7) **Use** a common answerbook for **all** Sections.

SECTION – A

(40 Marks)

1. Short answer question (**any five** out of six) :

(5×5=25)

- a) Scope of Sociology in Nursing
- b) Features of village community
- c) Indian culture
- d) Importance of competition
- e) Social Stratification
- f) Norms and Value system.

2. Long answer question (**any one** out of two) :

(1×15=15)

- a) Define population explosion, write the causes of population explosion and explain the role of a nurse in population stabilization.
- b) Define Social Group, explain the characteristics of a social group , difference between the primary group and secondary group.



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SECTION – B

(35

3. Short answer question (**any four** out of five) :

(4

- a) Process of Socialization
- b) Role of Nurse as a change agent
- c) Demerits of dowry system
- d) Problems of elderly population
- e) Health facilities in rural area.

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

(1x

- a) Define family, explain the types of family, discuss the problems of a modern Indian family.
  - b) Define Social Change , explain the nature and process of social change, discuss the need of social change.
-



Second Basic B.Sc. Nursing Examination, Summer 2018  
MEDICAL SURGICAL NURSING – I

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  - 7) **Use a common answerbook for all sections.**

SECTION – A (40 Marks)

1. Short answer question (**any five** out of six) : (5×5=25)
  - a) Stages of illness.
  - b) Stress adaptation.
  - c) Stages of wound healing.
  - d) Constipation.
  - e) Pulmonary Tuberculosis.
  - f) Cholecystitis.
2. Long answer question (**any one** out of two) : (1×15=15)
  - a)
    - i) Define Acute renal failure.
    - ii) Explain causes of Acute renal failure.
    - iii) Write management of Acute renal failure.
  - b)
    - i) Define Diabetes mellitus.
    - ii) Explain pathophysiology of Diabetes mellitus.
    - iii) Write dietary management of patient with Diabetes mellitus.



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SECTION – B (35 Marks)

3. Short answer question (**any four** out of five) :

(4×5=

- a) Diabetes insipidus.
- b) Psoriasis.
- c) Care of patient with Skin surgery.
- d) Osteoporosis.
- e) Dengue.

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

(1×15=

- a) i) Write classification of Operation theatre.  
ii) Explain about types of Suture material.  
iii) Write various infection control methods in Operation theatre.
  - b) i) Define Myocardial Infarction.  
ii) Explain pathophysiology of Myocardial Infarction.  
iii) Write collaborative management of Myocardial Infarction.
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Second Basic B.Sc. NURSING Examination, Summer 2016  
MEDICAL SURGICAL NURSING – I

Total Duration: Section A+B = 3 Hours

Total Marks :75

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SECTION – A

(40 Marks)

1. Short answer question (**any five** out of six) : (5×5=25)
  - a) Difference between Gastric ulcer and Duodenal ulcer.
  - b) Wound healing process.
  - c) National AIDS control program.
  - d) Non pharmacological management of pain.
  - e) Nursing care of patient with indwelling catheter.
  - f) Role of nurse in infection control in O.T.

P.T.O.



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2. Long answer question (**any one** out of two) :

- a) Mr.X 58 years old male admitted in surgery ward with complaints of abdominal pain, nausea, vomiting and diagnosed with intestinal obstruction. Answer the following questions. Define intestinal obstruction.

Explain pathophysiology of intestinal obstruction. Write down post operative nursing management of exploratory laparotomy .

for Mr. X with two priority nursing diagnosis.

- b) Mr.Y 68 Yrs old male admitted in orthopaedic ward with fracture. Answer the following questions.

Define fracture.

Write the classification of fractures

Write down nursing management of fracture with two priority nursing diagnosis.

#### SECTION – B

3. Short answer question (**any four** out of five) :

- DOTs therapy.
- Nursing care of patient with intercostal drainage.
- Cardiopulmonary resuscitation.
- Nursing management of client with HIV
- Role of nurse in blood transfusion.

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

- a) Mrs.Y 60 years old female admitted in dialysis unit with Acute renal failure. Answer the following questions.

Define Acute renal failure.

Explain the pathophysiology of Acute renal failure.

Write down the nursing management with two priority nursing diagnosis.

- b) Mr.A years old male admitted in ward with complaints of pain and distension abdomen, increased abdominal girth and diagnosed with Cirrhosis of liver. Answer the following questions.

Define Cirrhosis of liver.

Explain the pathophysiology of Cirrhosis of liver.

Write down the nursing management with two priority nursing diagnosis.