

Question Paper

Exam Date & Time: 19-Sep-2022 (10:15 AM - 11:30 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

SECOND YEAR B. Sc. NURSING DEGREE EXAMINATION – SEPTEMBER 2022

SUBJECT: BSN 2103A - PHARMACOLOGY

Marks: 23

Duration: 75 mins.

Answer all the questions.

1. Short note:

- 1A. Explain the mechanism of action of penicillin. Mention four precautions to be taken prior to administering penicillin. (3)
- 1B. Write briefly on mucolytics. (3)
- 1C. Define demulcent and emollient (with an example for each). (3)

2. Short answers:

- 2A. Describe the term chemotherapy. (2)
- 2B. List two uses and two adverse effects of metoclopramide. (2)
- 2C. List two centrally acting skeletal muscle relaxants and mention their two therapeutic uses. (2)
- 2D. Explain the mechanism of action of furosemide. (2)
- 2E. List two benzodiazepines and mention their two uses. (2)
- 2F. List two pharmacological actions each of adrenaline on the cardiovascular system and eye. (2)
- 2G. List two beneficial effects and two contraindications for the use of oral contraceptive agents. (2)

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Question Paper

Exam Date & Time: 20-Sep-2022 (10:15 AM - 11:30 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION
SECOND YEAR B.Sc. NURSING DEGREE EXAMINATION - SEPTEMBER 2022
SUBJECT: BSN 2103B - PATHOLOGY AND GENETICS

Marks: 22

Duration: 75 mins.

Answer all the questions.

1. Short note:

- 1A. Define edema. Describe the pathogenesis of edema. (1+2 = 3 marks)
1B. Describe the clinical and morphological features of benign prostatic hyperplasia. (3)
1C) Describe the gross and microscopic findings seen in goiter. (1+2 = 3 marks)
1D) Discuss the Eugenics movement. (3)

2. Short answers:

- 2A) Draw a neat labelled diagram of granulation tissue with its components. (2)
2B) Enlist Any FOUR predisposing factors for cholecystitis. (2)
2C) Describe the microscopic findings in pulmonary tuberculosis. (2)
2D) Briefly explain Global Developmental Delay (GDD) and genetic investigations which are recommended for individuals suspected with GDD. (2)
2E. Describe Any FIVE indications for referral to Genetic Counseling. (2)

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Question Paper

Exam Date & Time: 22-Sep-2022 (10:15 AM - 11:30 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION
SECOND YEAR B.Sc. NURSING DEGREE EXAMINATION - SEPTEMBER 2022
SUBJECT: BSN 2102TH- MEDICAL SURGICAL NURSING - I

Marks:60

Duration: 165 mins.

Answer all the questions.

Essays:

1. Mr. X, 76 years old retired teacher was brought to the emergency department with complaints of acute onset of chest pain since morning, not relieved by rest, radiating to the left hand. On arrival he was unconscious, saturation was 89%, extremities were cool, and his BP was 86/40 mmHg with a collapsing pulse. Hyperacute T wave was seen in V1 to V4 leads and the echocardiography finding showed regional wall motion abnormalities and decreased ejection fraction. After the initial assessment, Mr. X was diagnosed with left heart failure secondary to acute anterior wall MI. Answer the following:
 - 1A. Describe the pathology of Myocardial infarction complicating to heart failure. (6)
 - 1B. Explain the emergency nursing management with rationale for Mr. X. (6)

2. Mrs. X, 60 years is admitted to the orthopedic ward with the complaints of swelling and pain over the joint since 10 years which is aggravated since few days. She is diagnosed to have osteoarthritis. Answer the following in relation to Mrs. X:
 - 2A. Describe the causes. (5)
 - 2B. Explain the nursing interventions with rationale for Mrs. X. (8)

3. **Short note:**
 - 3A. Explain the management of urinary incontinence. (5)
 - 3B. Describe the etiology of acute kidney injury. (5)
 - 3C. Describe the clinical manifestations of benign prostatic hyperplasia. (5)
 - 3D. Explain foot care tips for patients with diabetes mellitus. (5)
 - 3E. Explain the clinical features of malignant melanoma. (5)
 - 3F. Describe the role of scrub nurse in operating room. (5)
 - 3G. Explain the infection control measures to be followed in operation theatre. (5)

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Question Paper

Exam Date & Time: 24-Sep-2022 (10:15 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

SECOND YEAR B. Sc. NURSING DEGREE EXAMINATION – SEPTEMBER 2022

SUBJECT: BSN 2104 – COMMUNITY HEALTH NURSING - I

Marks: 60

Duration: 165 mins.

Answer all the questions.

Essays:

2. As a part of health care services, you have planned to give need based health education to the underprivileged community. Answer the following:
 - 2A. Explain the different approaches. (4)
 - 2B. Describe any EIGHT principles of health education (8)

3. Explain tuberculosis under the following headings:
 - 3A. Epidemiological triad. (6)
 - 3B. Directly Observed Treatment Short course (DOTS). (7)

4. **Short note:**
 - 4A. Illustrate any five methods of waste disposal. (5)
 - 4B. Outline the uses of epidemiology. (5)
 - 4C. Explain the types of tetanus. (5)
 - 4D. Describe the approaches of cancer control. (5)
 - 4E. Explain demographic cycle. (5)
 - 4F. Describe the physical family planning methods. (5)
 - 4G. Explain Medical Termination of Pregnancy (MTP). (5)

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Question Paper

Exam Date & Time: 26-Sep-2022 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

SECOND YEAR B.Sc. NURSING DEGREE EXAMINATION - SEPTEMBER 2022
SUBJECT: BSN 2105 - COMMUNICATION AND EDUCATIONAL TECHNOLOGY
(REPEATERS)

Marks: 75

Duration: 180 mins.

Section Duration: 15 mins

Choose the single best response for the following :

- 1A) In a nurse patient communication, the nurse says to the client, "you said you hear voices speaking to you at night". Which type of communication technique is being used here? (1)

Clarification
Focusing
Paraphrasing
Restating

- 1B) "If I hear, I forget; If I see, I remember; If I do, I know" This is an example for which principle of health education? (1)

Credibility
Interest
Known to unknown
Learning by doing

- 1C) Mr Y, breadwinner of the family has got retired from his workplace recently and he is expressing to a nurse counsellor that, he feels sad, anxious and worried about his children marriage. Which among the following type of crisis is identified to have by Mr Y? (1)

Catharsis
Maturational
Situational
All of the above

- 1D) A nurse is providing counseling to a pregnant women aged 38 years old about the mother's age related complications to the fetus and suggesting investigation procedure for the Down syndrome. Which among the following type of counselling the nurse is applying it into her practice? (1)

Crisis
Developmental
Genetic
Health

- 1E) Which among the following type of test is used by the employer to assess a candidate's ability to perform tasks and react to situations at workplace during recruitment? (1)

Attitude

Aptitude
Achievement
Personality

1F) A teacher is maintaining a detailed descriptive narrative record of each student after a specific observed behavior or interaction with the student during the course period. Which among the following type of record the teacher is maintaining for a student? (1)

Anecdotal record
Autobiography
Cumulative record
Case study

1G) Which of the following best describes Problem Based Learning? (1)

Have students recite information back.
Have students memorize vocabulary.
Have students complete their own research to learn.
Have students learn via lecture notes and complete a project.

1H) For teaching a nursing procedure like catheterization, which of the following method is most effective? (1)

Lecture
Demonstration
Symposium
Panel discussion

1I) Which teaching method would be most appropriate to teach to a group of women to change their attitude towards female child? (1)

Role play
Lecture
Discussion
Symposium

1J) Which diagrammatic representation is used to show organizational elements or functional relationships? (1)

Chain chart
Evolution chart
Flow chart
Pie diagram

1K) Which among the following visual aid is convenient, economical to use and appropriate illustrations can be depicted to capture student's attention in the class? (1)

Bulletin board
Chalk board
Chart
Graph

1L) A nurse working for medical ward uses Wong - Baker faces pain rating scale for assessing the level of pain for the patient with osteoarthritis. What type of rating scale the nurse used for evaluating the level of pain for her patient? (1)

Comparative
Graphical
Numerical
Rank order

1M) A teacher is evaluating the student during Observed Structured Practical Examination (OSPE) when she/he carries out ET suctioning of patient Y and record the procedure. What should be the type of station where ET suctioning is performed by a student? (1)

Evaluation

Procedure

Response

Scoring

1N) Which among the following type of tool can be best used for assessing the attitude of male nursing students towards conduction of labour in clinical setting? (1)

Check list

Essay

questions

Rating scale

Practical exam

1O) Which among the following type of validity, a teacher will choose to validate the knowledge questioner on COVID -19 before she conduct test on students? (1)

Content

Criterion

Concurrent

Construct

Essay:

2. Answer the following with regard to education:

- 2A) Explain the functions of education (6)
- 2B) Describe the general principles of teaching (7)

3. Answer the following in relation to AV Aids:

- 3A) Classify different types of AV Aids (6)
- 3B) List the advantages and disadvantages of any three AV Aids (6)

4. Short note:

- 4A) Describe the Johari Window with diagram (5)
- 4B) Explain the different types of groups. (5)
- 4C) Explain models for health education. (5)
- 4D) Identify the steps of counselling techniques. (5)
- 4E) Discuss the steps and values of role play in nursing education. (5)
- 4F) Explain the purpose and process of symposium. (5)
- 4G) Identify the various methods of assessment of knowledge. (5)

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