

Question Paper

Exam Date & Time: 26-June-2023 (10:15 AM - 01:00 PM)



THIRD YEAR B.Sc. NURSING DEGREE EXAMINATION – JUNE/JULY 2023 SUBJECT: BSN 301 – MEDICAL SURGICAL NURSING - II

Marks: 60

Duration: 165 mins.

Answer all the questions.

Draw the diagrams whenever necessary.

Essays:

1. Mr. X, a 60 years old adult comes to the hospital with complaints of right sided weakness and slurred speech. On examination his blood pressure is 170/100mmHg, Pulse 90 beats/minute, respiration 20 breaths/minute and SPO2 96%. He was diagnosed to have stroke and is admitted in the hospital. Answer the following in relation to his diagnosis and symptoms.
 - 1A) Discuss the Classification of stroke. (4)
 - 1B) Explain the pathophysiology of stroke. (4)
 - 1C) Describe the collaborative management for Mr. X. (5)

2. Answer the following in relation to radiation therapy.
 - 2A) Types (3)
 - 2B) Radiation safety principles. (3)
 - 2C) Nursing care of a patient receiving radiation therapy. (6)

3. **Short note:**
 - 3A) Describe the types of refractive errors. (5)
 - 3B) Explain pathophysiology of otosclerosis. (5)
 - 3C) Discuss the age related changes in cardiovascular and respiratory systems. (5)
 - 3D) Describe the principles of disaster management. (5)
 - 3E) Discuss role of a nurse in monitoring critically ill patient. (5)
 - 3F) List the advantages of barrier method of contraception. (5)
 - 3G) Classification of burns based on the depth of injury. (5)

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Question Paper

Exam Date & Time: 28-June-2023 (10:15 AM - 01:00 PM)



THIRD YEAR B.Sc. NURSING DEGREE EXAMINATION – JUNE/JULY 2023 SUBJECT: BSN 303TH – CHILD HEALTH NURSING

Marks: 60

Duration: 165 mins.

Answer all the questions.

Draw the diagrams whenever necessary.

Answer all the questions.

1. Explain the growth and development of two years old toddler under the following headings:
 - 1A) Expected height and weight of the child. (2)
 - 1B) Psychosocial development. (4)
 - 1C) Health concerns of the child in relation to toilet training and prevention of accidents. (6)

2. A four years old boy was admitted in pediatric unit with the complaints of facial puffiness, pedal edema and hematuria. He was diagnosed to have glomerulonephritis. Considering this situation, answer the following questions:
 - 2A) The pathophysiological changes in the child. (4)
 - 2B) The diagnostic measures that the child has to undergo. (3)
 - 2C) Nursing management of the child to promote optimum health. (6)

3. **Write short notes on:**
 - 3A) Hospital environment for a sick child. (5)
 - 3B) Under-five clinic. (5)
 - 3C) Essential newborn care. (5)
 - 3D) Nursing management of preterm infants. (5)
 - 3E) Classification of measles as per IMNCI guidelines. (5)
 - 3F) Nursing management of a child with plaster cast. (5)
 - 3G) DSM IV classification of mental retardation. (5)

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Question Paper

Exam Date & Time: 01-July-2023 (10:15 AM - 01:00 PM)



THIRD YEAR B.Sc. NURSING DEGREE EXAMINATION – JUNE/JULY 2023 SUBJECT: BSN 305TH – MENTAL HEALTH NURSING

Marks: 60

Duration: 165 mins.

Answer all the questions.

1. Ms X, a 19-years-old tailor, got admitted to a psychiatric unit with the history of inappropriate and odd behaviour such as grimacing and grunting. Her long uncombed hair is spread out over her face and she is completely withdrawn to self. She was diagnosed with Disorganized Schizophrenia. Considering this situation, answer the following.
 - 1A) What nursing interventions are to be carried out to improve Ms X's self-care? (4)
 - 1B) Discuss the measures to manage her social isolation. (4)
 - 1C) Write a psycho-education plan to Ms X and her family. (5)
2. Answer the following in relation to Modified Electroconvulsive Therapy (MECT).
 - 2A) Indications and Contraindications. (3)
 - 2B) Nurse's responsibility during pre, intra and post-MECT. (9)
3. **Write short notes on the following:**
 - 3A) Principles of Mental Health Nursing (**Any 5**). (5)
 - 3B) Components of Mental Status Examination. (5)
 - 3C) Orientation phase of the therapeutic nurse-patient relationship. (5)
 - 3D) Types of Paraphilia. (5)
 - 3E) Prevention of Intellectual disability. (5)
 - 3F) Techniques of crisis intervention. (5)
 - 3G) Objectives and strategies of National Mental Health Program. (5)

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Question Paper

Exam Date & Time: 24-Jul-2023 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

THIRD YEAR BSc. NURSING DEGREE EXAMINATION - JULY 2023
SUBJECT: BSN 3101TH - MEDICAL SURGICAL NURSING-II

Marks: 75

Duration: 180 mins.

Answer all the questions.

Section Duration: 15 mins

Choose the single best response for the following

- 1) Mr. X reported to OPD for his first followup with history of fever and headache for one week. He underwent craniotomy one month back. He was admitted and lumbar puncture was done. CSF analysis showed findings suggestive of bacterial meningitis. Which among the following CSF finding supports the diagnosis? (1)

[Elevated CSF pressure](#)
[Mildly raised CSF protein](#)
[Reduced CSF glucose](#)
[Slightly turbid CSF](#)

- 2) In which among the following conditions abnormal spongy bone grows in the ear? (1)

[Cholesteatoma](#)
[Meniere's disease](#)
[Otosclerosis](#)
[Ototoxicity](#)

- 3) Among the following, which one best describes peritonsillar abscess? (1)

[Epistaxis](#)
[Quinsy](#)
[Rhinitis](#)
[Tonsillitis](#)

- 4) Mrs. A, a 36-year-old school teacher, reported to the ophthalmology OPD complaining of difficulty seeing near objects and clear vision of far objects for five months. Which of the following corrective lens would be appropriate to treat Mrs. A? (1)

[Bifocal](#)
[Concave](#)
[Convex](#)
[Trifocal](#)

- 5) Which among the following category of drugs are commonly used to dilate the pupils before the ophthalmic examination? (1)

[Alpha-2 agonists](#)
[Beta-blockers](#)

[Mydriatics](#)

[Prostaglandin](#)

[analogue](#)

- 6) In which among the following condition, woman will experience 'hotflush' and 'night sweats'? (1)

[Abortion](#)

[Menopause](#)

[Pelvic inflammatory
disease](#)

[Premenstrual syndrome](#)

- 7) Mrs. A 25-year- old lady having 2years old child, wants to use oral contraceptive pills. She is asking (1)
about the mode of action of oral contraceptive pills. What is the mode of action of contraceptive
pills?

[Inhibiting ovulation by suppression of serum Follicular Stimulating
Hormone](#)

[Inhibiting endometrial atrophy](#)

[Increasing cervical mucus hostility](#)

[Inhibiting prolactin](#)

- 8) The client has experienced an electrical injury, with the entrance site on the left hand and the exit (1)
site on the left foot. What are the priority assessment data to obtain from this client on admission?

[Airway patency](#)

[Current range of motion in all
extremities](#)

[Heart rate and rhythm](#)

[Orientation to time, place, and person](#)

- 9) What is the complication of burns where irregularly formed, nodular large scar causes itching and (1)
tenderness that extends beyond the margins of the original wound?

[Contracture](#)

[Hypertrophic scars](#)

[Hyper pigmentation](#)

[Keloid](#)

- 10) A patient presents to the oncology outpatient department with repeated infections, bone pain and (1)
weight loss. Bone marrow aspiration shows the presence of abnormal plasma cells. What could be
the probable diagnosis of the patient?

[Fibrocarcinoma](#)

[Hodgkin's lymphoma](#)

[Multiple myeloma](#)

[Non-Hodgkin's
lymphoma](#)

- 11) Which ethical principle underlies nursing actions respecting each patient's values and beliefs in the (1)
care of elderly?

[Autonomy](#)

[Beneficence.](#)

[Justice](#)

[Veracity](#)

- 12) Which among the following is the most effective treatment for minimizing the absorption of an (1)
ingested poison?

[Activated](#)

[charcoal](#)

[Diluted Milk](#)

[Gastric lavage](#)

[Hemodialysis](#)

- 13) Mrs. Y, a 68-year-old woman reported to the emergency room with a history of being unable to walk (1) since abdominal surgery and complaint of sudden shortness of breath and developed sharp chest pain for the last 4 hours. On examination, you find her anxious with labored respirations. Her vitals are BP 100/60 mm Hg, pulse 120 beats/mnt, respirations 28 breaths/mnt, and oxygen saturation 90% on room air. What would be the provisional medical diagnosis of Mrs "X"?

[Acute asthma attack](#)

[Acute allergic reaction](#)

[Acute myocardial infarction](#)

[Pulmonary emboli](#)

- 14) Mrs. M, 28 years old lady admitted in Intensive care unit with complaining of excessive sweating (1) and vomiting, and is suggestive of organophosphate poisoning. Which among the following is a nicotinic effect of organophosphate poisoning?

[Broncho dilation](#)

[Miosis](#)

[Tachycardia](#)

[Weakness](#)

- 15) Which among the following condition is most likely to be seen among the employees working for the (1) ice factory due to prolonged exposure to cold?

[Miner's nystagmus](#)

[Migraine headache](#)

[Pneumoconiosis](#)

[Trench foot](#)

Answer all the questions.

Draw the diagrams wherever necessary.

1) Mr. Y, a 44 years-old driver is brought to the emergency room with a history of head injury following a road traffic accident. He has bleeding from his nose and ears and was not responding to commands. Answer the following:

- 1A) Explain the classification of head injury. (7)
1B) Describe the immediate nursing interventions for Mr Y. (6)

2) Mrs. X 59 years old comes to the oncology daycare center with the diagnosis of head and neck cancer and was advised to undergo 70 grays of radiation therapy. Mrs. X reports to the daycare nurse about her nausea, vomiting, fatigue and headache. Considering Mrs. X's condition answer the following:

- 2A) List the types of radiation therapy (3)
2B) Describe the principles of radiation therapy (4)
2C) Outline the nursing management of Mrs. X (5)

3) Short note :

- 3A) Illustrate the pathophysiological changes of mastoiditis. (5)

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| 3B) | Identify the etiopathogenesis of glaucoma. | (5) |
| 3C) | Describe the causes of female infertility. | (5) |
| 3D) | Discuss fluid resuscitation in burn injury. | (5) |
| 3E) | Describe the age- related changes in cardiovascular and respiratory systems. | (5) |
| 3F) | Discuss the types of crisis. | (5) |
| 3G) | Describe the principles of critical care nursing. | (5) |

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Question Paper

Exam Date & Time: 28-Jul-2023 (10:15 AM - 01:00 PM)



THIRD YEAR B.Sc. NURSING DEGREE EXAMINATION – JULY 2023 SUBJECT: BSN 3102TH – CHILD HEALTH (PAEDIATRIC) NURSING

Marks: 60

Duration: 165 mins.

Answer all the questions.

Essay:

- 1) Explain the growth and development of adolescents under the following headings:
 - 1A) Enumerate the biological development (4)
 - 1B) Describe the psychosocial development (3)
 - 1C) Explain the optimum health promotion strategies for adolescents in relation to nutrition and injury prevention. (6)

- 2) A ten-month-old infant is admitted to the surgical unit with Hirschsprung's disease and underwent a temporary colostomy. Answer the following in relation to this.
 - 2A) Describe the clinical features. (4)
 - 2B) Illustrate the surgical management. (3)
 - 2C) Explain the post-operative nursing management for this infant. (5)

- 3) **Short note:**
 - 3A) Explain the current trends in child health nursing (5)
 - 3B) Enumerate any '10' principles of growth and development with relevant examples. (5)
 - 3C) Explain the clinical manifestations of neonatal hypothermia. (5)
 - 3D) Describe risk factors and causes for congenital anomalies in children. (5)
 - 3E) Discuss the case management process of Integrated Management of Neonatal and Childhood Illnesses (IMNCI) (5)
 - 3F) Explain the nursing management of children with Iron Deficiency Anemia (IDA). (5)
 - 3G) Describe the interventions to manage speech defects in children. (5)

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Question Paper

Exam Date & Time: 26-Jul-2023 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

THIRD YEAR B.Sc. NURSING DEGREE EXAMINATION - JULY 2023
SUBJECT: BSN 3103TH - MENTAL HEALTH NURSING

Marks: 75

Duration: 180 mins.

Answer all the questions.

Section Duration: 15 mins

Choose the single best answer for the following.

- 1) Ms. Y, a psychiatric nurse, does not talk much to the patients from backward community. Which among the following principles is she violating? (1)

[Beneficence](#)
[Justice](#)
[Non-maleficence](#)
[Veracity](#)

- 2) Pathological imitation of movements of one person by another is termed as: (1)

[Catatonia](#)
[Echolalia](#)
[Echopraxia](#)
[Waxy flexibility](#)

- 3) Which of the following symptoms would be present in a client with catatonic stupor? (1)

[Euphoria and aggression](#)
[Excitement and rapid speech](#)
[Mutism and hypoactive behaviour](#)
[Perseveration and verbigeration](#)

- 4) A 30-year-old male employee frequently complains of low back pain that leads to frequent absenteeism from work. Consultation and tests reveal negative results. Which among the following disorder could be the client experiencing? (1)

[Conversion Disorder](#)
[Hypochondriasis](#)
[Somatization Disorder](#)
[Somatoform Pain Disorder](#)

- 5) Mr. X, aged 30 years is treated with Tab. Lithium for mania. Which among the following conditions would increase the chance of lithium toxicity in him? (1)
- [Extreme fear](#)
[Increased stress](#)
[Palpitations](#)
[Severe vomiting](#)
- 6) Mr. X, a 35-year-old is a gem of a person who has many friends and is loved by all in his community. He also has another personality where he is unable to tolerate anger and becomes very irritable. Mr. A is unaware of the existence of the other personality in him. Which disorder is he suffering from? (1)
- [Dissociative fugue](#)
[Dissociative identity disorder](#)
[Dissociative stupor](#)
[Personality disorder](#)
- 7) A therapeutic nurse-patient relationship begins with the nurses: (1)
- [Acceptance of others](#)
[Self-awareness and understanding](#)
[Sound knowledge of psychiatric nursing](#)
[Sincere desire to help others](#)
- 8) A 55-year-old widower is hospitalized after complaining of difficulty sleeping, shortness of breath, and extreme apprehension. Which response by the nurse would be the best? (1)
- [You are imagining things.](#)
[Take some deep breaths and try to calm down](#)
[Has anything happened recently that may have triggered these feelings?](#)
[You have nothing to worry about, try to relax.](#)
- 9) A male patient with alcohol use disorder is admitted to the ward voluntarily for disulfiram therapy. Which of the following food items should he avoid in his diet? (1)
- [Fish and meat](#)
[Green leafy vegetables](#)
[Over-ripened fruits](#)
[Pulses and cereals](#)
- 10) Mr. X, 21 years old, is very doubtful regarding others' behaviour and lacks trust in other people. This has led to interpersonal problems in his close relationships. Which is the personality disorder he suffers from? (1)
- [Antisocial](#)
[Dependent](#)
[Narcissistic](#)
[Paranoid](#)
- 11) What are the symptoms seen in the autistic triad? (1)
- [Aloofness, speech disorder, obsession for sameness](#)
[Aloofness, obsessive-compulsive disorder, labile mood](#)
[Increased speech, sleep disturbance, hallucinations](#)

Verbigeration, echolalia, speech disorder

- 12) A 9-year-old school boy is diagnosed as having Attention Deficit Hyperactivity Disorder with predominant 'inattentive type'. Which of the following signs the nurse should ask for in history collection? (1)
- Impulsivity
Labile mood
Self-harming behaviour
Unable to concentrate in the class
- 13) Mrs G, 67 years old is diagnosed with dementia, with unknown aetiology. Which among the following conditions must be ruled out as a reversible cause for dementia? (1)
- Electrolyte imbalance
HIV disease
Multiple brain infarcts
Multiple sclerosis
- 14) An eight-year boy of working parents displays poor academic performance, low IQ, and lack of developmental skills. What could be the possible cause for the child's disability? (1)
- The mother works at an office and has a busy schedule
The child does not like the school and his teachers
The mother had a syphilis infection during her pregnancy
The child is just not disciplined and is disobedient
- 15) Which of the following techniques should be focussed on to decrease the hyperactivity of a 9-year-old child diagnosed with Attention Deficit Hyperactivity Disorder and undergoing behaviour therapy? (1)
- Aversion therapy
Desensitization
Punishment
Token economy

Answer all the questions.

Essay:

- 1A) Differentiate between panic anxiety and generalised anxiety disorder (2)
- 1B) Write the clinical features of anxiety disorders (6)
- 1C) Outline the nursing interventions to manage anxiety (5)

2) Answer the following questions in relation to ECT

- 2A) List the indications (2)
- 2B) Explain the types (4)
- 2C) Discuss the intra ECT care (6)

3) **Short Note:**

- 3A) Discuss the components of personal history (5)

3B)	Describe the disorders of mood and affect	(5)
3C)	List the cranial nerves and their implications in psychiatry	(5)
3D)	Relate the principles of group therapy in clinical practice	(5)
3E)	Explain the techniques used in psychotherapy	(5)
3F)	Summarize the clinical features of depression	(5)
3G)	Describe the types of admissions in psychiatry	(5)

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Question Paper

Exam Date & Time: 31-Jul-2023 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

THIRD YEAR B.Sc. NURSING DEGREE EXAMINATION - JULY 2023
SUBJECT: BSN 3105 - NURSING RESEARCH & STATISTICS

Marks: 75

Duration: 180 mins.

SECTION - A: NURSING RESEARCH (50 Marks)

Answer all the questions.

- 1) A researcher plans to conduct a study on "Knowledge of undergraduate nursing students on needle stick injuries." Explain the research process for the proposed statement. (15)
- 2) Describe 'Interview' as a method of data collection (15)

3) Short note:

- 3A) Explain the steps of Evidence Based Practice (EBP) (5)
- 3B) Describe types of survey designs with examples for each. (5)
- 3C) Explain the steps of quantitative data analysis (5)
- 3D) Explain barriers for utilization of research in nursing (5)

SECTION - B: STATISTICS (25 Marks)

Answer all the questions.

4) Short answers:

- 4A) Write any three properties of a normal probability curve (3)
- 4B) Explain nominal and ordinal variables with **ONE** example each (3)
- 4C) Explain the types of correlation with relevant examples for each (4)
- 4D) Explain the uses of graphical representation of data (4)
- 4E) The following data represents height of the women who were attending an antenatal clinic (4)

139	145	150	145	136	150
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Construct a Histogram representing the above data

- 4F) Calculate mean and standard deviation for the following data (7)

25	50	45	30	70	42	36	48	34
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