

MANIPAL UNIVERSITY**FIRST YEAR B.Sc. NURSING DEGREE EXAMINATION – JUNE 2017****SUBJECT: BSN 101 – ANATOMY AND PHYSIOLOGY (DTQ)**

Monday, June 12, 2017

Time: 10:30 – 13:00 Hrs.

Max. Marks: 45

SECTION – A: ANATOMY**✍ Answer ALL the questions.****1. Write briefly on:**

- 1A. Nasal septum
- 1B. Ligaments of shoulder joint
- 1C. Anterior relation of right kidney
- 1D. Classify epithelium

(3 marks × 4 = 12 marks)

2. Write short notes on each of the following:

- 2A. Inlet of larynx
- 2B. Name the carpal bones
- 2C. Formation and termination of Inferior vena cava
- 2D. Name the parts of GIT
- 2E. Epididymis

(2 marks × 5 = 10 marks)

SECTION – B: PHYSIOLOGY**3. Short answer questions:**

- 3A. Draw a neat labelled diagram of ECG taken from limb lead II. Mention the causation of each wave.
- 3B. What is myxedema? Mention any two features of it.
- 3C. Define synapse. Briefly explain any two properties of synapse.

(3 marks × 3 = 9 marks)

4. Short answer questions:

- 4A. What is the normal platelet count. Give 2 functions of it.
- 4B. Explain the role of calcium ions in muscle contraction.
- 4C. Mention any four functions of lungs.
- 4D. Explain the second phase of deglutition.
- 4E. Define glomerular filtration rate. List two factors affecting it.
- 4F. Mention the functions of testosterone.
- 4G. What is myopia? How is it corrected?

(2 marks × 7 = 14 marks)



MANIPAL UNIVERSITY**FIRST YEAR B.Sc. NURSING DEGREE EXAMINATION – JUNE 2017****SUBJECT: BSN 103 – NURSING FOUNDATIONS (DTQ)**

Thursday, June 15, 2017

Time: 10:15 – 13:00 Hrs.

Max. Marks: 60

✍ **Answer ALL the questions.**

1. Explain oral care for unconscious patient under following headings:

1A. Purposes

1B. Nurses responsibility in giving oral care

(3+10=13 marks)

2A. List the sites for subcutaneous injection

2B. Explain the nurses responsibility in the administration of subcutaneous injection

(2+10 = 12 marks)

3. **Write short notes on the following.**

3A. Functions of a nurse

3B. Purposes of admission procedure in the hospital

3C. Techniques of health assessment

3D. Steps of cardio pulmonary resuscitation

3E. Medico legal issues related to terminally ill patients

3F. Selection of sites for IM injection

3G. Types of pyrexia

(5 marks × 7 = 35 marks)



MANIPAL UNIVERSITY**FIRST YEAR B.Sc. NURSING DEGREE EXAMINATION – JUNE 2017****SUBJECT: BSN 102 – NUTRITION AND BIOCHEMISTRY (DTQ)**

Saturday, June 17, 2017

Time: 10:30 – 13:00 Hrs.

Max. Marks: 45

SECTION - A: NUTRITION**✍ Answer ALL the questions.****1. Write short notes on the following:**

- 1A. Functions of Iodine
- 1B. Prevention of Food Adulteration Act
- 1C. Aims of nutrition education
- 1D. Functions of Vitamin K
- 1E. Importance of Nutritional anemia prophylaxis program

(3 marks × 5 = 15 marks)

2. Write short notes on the following:

- 2A. Methods of nutritional assessment systems
- 2B. Any two functions of a nurse in Vitamin A deficiency prophylaxis programme
- 2C. Dietary recommendations for patient with Peptic ulcer
- 2D. Heme Iron containing foods
- 2E. Sources of Chlorine

(2 marks × 5 = 10 marks)

SECTION – B: BIOCHEMISTRY**3. Short answer questions:**

- 3A. Differences between DNA and RNA.
- 3B. Write the co-enzyme form of following vitamins:
 - i) Niacin
 - ii) Folic acid
- 3C. Give the normal range of following:
 - i) Serum total cholesterol
 - ii) Serum total protein
- 3D. List any two liver function tests which are helpful to diagnose Jaundice

(2 marks × 4 = 8 marks)

4. Short answer questions:

- 4A. Glycolysis cycle.
- 4B. Discuss the digestion of protein in intestine.
- 4C. Classify proteins based on its function.
- 4D. List any four functions of proteins with suitable examples.

(3 marks × 4 = 12 marks)





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FIRST YEAR B.Sc. NURSING DEGREE EXAMINATION - JUNE 2017

Subject: ENGLISH (BSN 107)

Monday, June 19, 2017 (Time : 10.00 - 13.00)

Marks: 75

Duration: 180 mins.

1) Write an essay on any ONE of the following:

- 1A) Is the act of paying actors and sportsmen too much justified? What are your views on this? (20)
- 1B) The role of peer pressure in our society. (20)
- 1C) Should English be the national language of India? (20)

2) Transcribe the following words phonemically:

- 2A) a) drop (10)
b) famous
c) lack
d) wood
e) law
f) charm
g) deep
h) ring
i) chin
j) around

3) Mark the word stress for the following:

- 3A) a) always (10)
b) open
c) represent
d) decrease (noun)
e) accord
f) avoid
g) disappear
h) beside
i) regularity
j) dedication

4) Write two synonyms each for the following words:

- 4A) a) problem (5)
b) zenith
c) useless

- d) recent
- e) tired

5) Frame sentences on the following pairs.

- 5A) a) adept / adapt (4)
b) breath / breathe

6) Frame sentences on the following phrasal verbs:

- 6A) a) Put out (4)
b) Set out
c) Take down
d) Run short of

7) Fill in the blanks by choosing the correct word given within the brackets.

- 7A) Walking ____ (is /are) a good exercise for those interested in improving the status of their health. (1)
- 7B) People respected George Washington because he was ____ (a /an) honest man who stood for truth all the time. (1)
- 7C) The receptionist at the counter gave me a lot of ____ . (information / informations) (1)
- 7D) Everyone ____ (want / wants) to be happy in this world. (1)
- 7E) To live without working ____ (is / are) indeed shameful. (1)
- 7F) My pair of shoes ____ (are /is) torn and so I need to buy another pair. (1)
- 7G) I am ____ (coming / come) from Trichur, which is known as the cultural capital of Kerala. (1)
- 7H) The manager and the owner of the shop ____ (is / are) absent today. (1)
- 7I) Tea as well as coffee ____ (is /are) refreshing drink. (1)
- 7J) After Maria had returned from college she ____ (cooked /was cooking) dinner. (1)
- 7K) Meena has been serving in this company ____ (for / since) two years. (1)
- 7L) The captain with his team members ____ (was /were) asked to report at the reception counter. (1)
- 8) Write a letter to the principal of your former college of nursing asking for nursing certificate. (10)

MANIPAL UNIVERSITY**FIRST YEAR B.Sc. NURSING DEGREE EXAMINATION – JUNE 2017****SUBJECT: BSN 106 – MICROBIOLOGY (ESSAY)**

Wednesday, June 21, 2017

Time: 10:30 – 13:00 Hrs.

Max. Marks: 45

- ✍ **Answer ALL questions.**
- ✍ **Write answers that are clear, relevant and legible.**
- ✍ **Illustrate your answers with neatly drawn and correctly labeled diagram wherever appropriate.**

1. Write short answers on:

- 1A. List the methods of pasteurization.
- 1B. Enumerate four disinfectants with one application each.
- 1C. Write four characteristics of bacterial flagella.
- 1D. Mention four clinical conditions caused by *Staphylococcus aureus*.
- 1E. Mention two Treponemal and non Treponemal tests.
- 1F. Enumerate four methods of detection of viral growth in cultures.
- 1G. List the prophylaxis for *Clostridium tetani*.
- 1H. DPT vaccine – Mention the type of vaccine and the schedule.
- 1I. Enumerate any four clinical manifestations of filariasis.
- 1J. Mention the laboratory diagnostic tests for the diagnosis of enteric fever.
- 1K. List the complications of *Plasmodium falciparum*.
- 1L. Differences between endotoxins and exotoxins.
- 1M. Mention vaccines available for rabies.
- 1N. Name four serological markers of Hepatitis B virus and their importance.
- 1O. Describe the roles of different Immunoglobulin classes.

(2 marks × 15 = 30 marks)

2. Write short notes on:

- 2A. Describe the phases of bacterial growth curve with diagram.
- 2B. Enumerate the importance of biomedical waste management.
- 2C. Laboratory diagnosis of Leprosy.
- 2D. Draw a neat labelled diagram of life cycle of *Entamoeba histolytica*.
- 2E. Enumerate the different types of Type I Hypersensitivity and describe their mechanism

(3 marks × 5 = 15 marks)



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FIRST YEAR B.Sc. NURSING/PB B.Sc. NURSING
DEGREE EXAMINATION – JUNE 2017

SUBJECT: BSN 105/PBN 304 – PSYCHOLOGY (ESSAY)

Friday, June 23, 2017

Time: 10:30 – 13:00 Hrs.

Max. Marks: 45

1. Write very short answers on:

- 1A. Psychology
- 1B. Heredity
- 1C. Dark Adaptation
- 1D. Perception
- 1E. Two types of attention
- 1F. Reasoning
- 1G. Maslow's hierarchy of needs
- 1H. Insight learning
- 1I. Interference theory of forgetting
- 1J. Define personality
- 1K. Aptitude
- 1L. Types of attitude
- 1M. Qualities of a good psychological test
- 1N. Mental hygiene
- 1O. Importance of psychology in nursing

(2 marks × 15 = 30 marks)

2. Write short answers on:

- 2A. Difference between observation and experimental methods used in psychology.
- 2B. Cannon Bard theory of emotions
- 2C. Types of learning
- 2D. Long term memory
- 2E. Define intelligence & name two intelligence tests

(3 marks × 5 = 15 marks)

