

①

B.Sc.(N) [1st Year]

BF/2010/12

English

[New Scheme w.e.f. 2006]

M.M. : 75

Time : 3 Hours.

Note : Attempt all questions.

1. Write an essay in about 300 words on any ONE of the following: [15]
 - a. Environmental Hygiene.
 - b. Importance of water in our life.
 - c. Uses and Abuses of Games.
 - d. My idea of happy world.

2. Write an application to the Controller of Examinations of your University for postponing of your Examinations, give reasons. [10]

3. What are the various points which a nurse should keep in her mind while writing a nurses note ? [10]

4. Correct the following sentences : [5]
 - a. Hard work is always leading to success.
 - b. I am much interested to listen to western music.
 - c. My mother is a lovable person.
 - d. The Police has been investigating the matter for some time.
 - e. I am feeling terribly cold in this room.

5. Make a précis of the following passage and suggest a heading: [10]

Sorrow and suffering are a part of life. We must not grudge them. The existence of sorrows and suffering should not make us defected. We must do our duty. The world is like a looking - glass that reflects our inner self. We must always look at the bright side of the picture. There are some sweet natural persons who radiate delight wherever they go. We must always greet everybody with a pleasant smile. If life has numerous blessings sorrows or anxieties are unavoidable. We can make our life a comedy or a tragedy. It all depends upon our thinking. But no evil can occur to noble man in life or death.

6. Fill in the blanks with correct Preposition: [5]
 - a. The crowd prevented the police _____ moving ahead.
 - b. Tom does nothing _____ watch T.V. all the time.
 - c. He is fond _____ tea.
 - d. There is an animal _____ the field.
 - e. He jumped _____ the river.

7. Substitute One word for each of the following : [5]
 - a. Process of damaging the air.
 - b. Inflation of intestives.
 - c. Who studies and writes about history.
 - d. Of cancerous growth.
 - e. Study of mind and mental process.

8. Give the Antonyms of the following: [5]
- a. Permanent
 - b. Success
 - c. Long
 - d. Ugly
 - e. Illiterate.
9. Use the following Idioms/phrases in sentences: [5]
- a. Get through.
 - b. Took to his heels.
 - c. Out of the way.
 - d. Stood his ground.
 - e. Above all.
10. Translate the following into Phonetic symbols: [5]
- a. More
 - b. Antibody
 - c. Eggs
 - d. Desert
 - e. Produce

B.Sc Nursing 1st year
Microbiology

Time: 3 hours

Max Marks:75

Note: Attempt all Questions.

- Q.1 a) Define antibiotic
 b) Write down different classification of antibiotics available with appropriate examples?
 c) Write the mechanism of action of penicillin. (1+8+6=15)

Or

- Q.1 a) Define vaccine & vaccination.
 b) Enumerate various vaccines available to prevent 6 killers diseases.
 c) Chalk out immunization schedule upto 5 years of age. (2+6+7=15)

- Q.2 a) Define the following terms:
 i) Infection
 ii) Disinfection
 iii) Sterilization
 iv) Bio-medical waste management
 b) How bio-medical waste is managed in your hospital?
 c) Write about standard safety measures to be followed by a nurse in clinical area? (4+6+5=15)

- Q.3 a) Define Bacteria
 b) Write down the Classification of bacteria.
 c) Describe the growth curve of bacteria. (1+6+3=10)

- Q.4 a) Define hypersensitivity reaction.
 b) Discusses in brief types of hypersensitivity reaction.
 c) Describe hypersensitivity skin test. (2+4+4=10)

- Q.5 Write short notes on any Five of the following:
 a) Various culture media.
 b) Autoclaving
 c) Handling and Transportation of various specimens.
 d) Gram Staining
 e) Principles of Microbiology
 f) Transmission of Hepatitis B Virus
 g) Antigen Antibody Reaction. (5*5=25)

B.Sc Nursing 1st Year Nutrition & Biochemistry

Max.Marks 75

Total Time:3:00 hours

Use separate answer sheet for each section

Section -A (NUTRITION)

(45 Marks)

- Q1 (a) Define nutrients.
 (b) Enlist macro and micro elements of nutrients.
 (c) Describe in brief factors affecting food and nutrition.
 (1+3+6=10)
- Q2. (a) Protein energy malnutrition and its nutritional management.
 (b) Differentiate between kwashiorkor and marasmus.
 (5+5=10)
- Q3 (a) What are the major nutritional problems of developing countries and the possible causes for them?
 (b) Suggest some preventive measures for the nutritional problems.
 (5+5=10)
- Q4. Write short notes on ANY THREE the following
 (a) Nutrition education
 (b) Balanced diet
 (c) Principles of weaning
 (d) Nutritional programs
 (3*5=15)

Section B (Biochemistry)

Note: Attempt all questions. (30 Mark)

- Q1.(a) Differentiate between prokaryotes and eukaryote cells.
 (b) Draw a labeled diagram of eukaryote cell.
 Or (5+5=10)
 (a) Define enzymes and functions of enzymes.
 (b) Describe the mechanism of enzyme inhibition. (5+5=10)
- Q2.(a) Define ELISA?
 (b) What are the applications of ELISA? (1+4=5)
- Q3. Write short notes on ANY FIVE of the following:
 (a) Immunoglobins
 (b) Free radicals and antioxidants
 (c) Glycolysis
 (d) Fluid mosaic model
 (e) Urea cycle
 (f) Storage and transport of iron
 (g) Lipoproteins & their function

(5*3=15)