

B.Sc.(N) [1st Year]
BF/2007/12

Psychology
[New Scheme w.e.f. 2006]

M.M. : 75

Time : 3 Hours.

Note: Attempt SIX questions including Q.No. 7 which is Compulsory.

1.
 - a. Define Psychology. [2]
 - b. Explain the clinical method used in Psychology. [5]
 - c. Discuss the importance of studying psychology by nurses. [5]
 2. Define 'Attention'. Discuss about the external and internal determinants of attention. [2+5+5]
 3.
 - a. Define Learning. [2]
 - b. Explain 'transfer of learning'. [4]
 - c. Describe the 'Operant conditioning' with the help of example from nursing situation. [6]
 4.
 - a. Describe the various methods of coping with Stress. [8]
 - b. Explain how as a nurse you can help the patient cope up with stress caused due to Chronic illness. [4]
 5.
 - a. Define 'Personality'. [2]
 - b. Enlist the factors affecting development of Personality. [3]
 - c. Explain any one theory of Personality. [7]
 6.
 - a. Explain about the short term memory and long term memory. [4]
 - b. List the various causes of forgetting. [4]
 - c. Describe the methods to improve memory. [4]
 7. **Write short notes on any THREE of the following:** [3x5=15]
 - a. Genetics and behaviour.
 - b. Methods used to change attitude.
 - c. Psychometric assessment of Personality.
 - d. Psychological needs of old age people.
 - e. Conflict resolution.
 - f. Theories of intelligence.
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B.Sc.(N) [1st Year]
BF/2007/12

Nutrition & Biochemistry
[New Scheme w.e.f. 2006]

M.M. : 75

Time : 3 Hours.

Note:: Attempt all questions

SECTION-A
[NUTRITION]

[45 Marks]

1. a. Classify the foods and enumerate its functions. [3]
b. Define food adulteration and role of PFA. [3]
2. a. What are Carbohydrates, their sources and functions? [3]
b. What is the role of food during diseases. [3]
3. a. Write down the classification of proteins, their sources and deficiency symptoms. [3]
b. What can be the consequences of low and excess of intake of Carbohydrates? [3]
4. a. Emphasize the role of a nurse in counselling of patients. [3]
b. How will you determine the BMR of an individual? Which factors do affect the BMR? [3]
5. a. Classify the vitamins and write down their sources. [3]
b. What are the deficiency symptoms of Vitamin A and D? [3]
6. a. Write down the factors affecting absorption of Calcium. [3]
b. What do you understand from hydration and dehydration? [3]
7. **Fill in the blanks:** [9]
 - a. Good quality protein is present in_____.
 - b. Expand BMI_____.
 - c. A diet rich in _____ can prevent Constipation.
 - d. _____ is a very effective natural antioxidant.
 - e. Cooking of food renders it more_____.
 - f. Daily requirement of energy during lactation is _____ Kcal.
 - g. Milk is a rich source of _____.
 - h. Name two additives used in foods commonly:
 - i) _____
 - ii) _____

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SECTION-B
[BIOCHEMISTRY]

[30 Marks]

8. a. Write a short note on transportation of nutrients in the body. [5]
 b. How is acid base balance maintained? [3]
 9. a. Discuss the metabolism of Proteins. [4]
 b. What are the functions of Cholesterol and Prostaglandins? [4]
 10. a. How will you interpret the condition of a patient from the Serum investigation report of Electrolytes? [4]
 b. What do you mean by specialized protein. What are its functions and where is it located in the body? [4]
 11. a. Elaborate on Lipoproteins and the functions. [3]
 b. Explain the terms Glycolysis, Glycogenolysis and Gluconeogenesis. [3]
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B.Sc.(N) [1st Year]
BF/2007/12

Anatomy & Physiology
[New Scheme w.e.f. 2006]

M.M. : 75

Time : 3 Hours.

Note: Draw suitable diagrams to support your answer.

SECTION-A
[ANATOMY]

[37 Marks]

1. **Attempt any THREE questions. Describe briefly about:** [3x5=15]
 - a. Columnar epithelium.
 - b. Hyaline Cartilage.
 - c. Cardiac muscle.
 - d. Spongy(Cancellous) bone.
2. **Write short notes on:** [3x5=15]
 - a. Meninges of brain.
 - b. Structure of Gall bladder.
 - c. Structure of Uterus.
3. **Write short notes on:** [4+3=7]
 - a. Dermis of Skin.
 - b. Alveoli.

SECTION-B
[PHYSIOLOGY]

[38 Marks]

4. **Attempt any THREE questions. Describe briefly about:** [3x5=15]
 - a. Cell reproduction.
 - b. Simple tubular glands.
 - c. Plasma proteins.
 - d. Lymphatic ducts.
 5. **Write short notes on:** [3x5=15]
 - a. Composition of Cerebrospinal Fluid[CSF].
 - b. Fetal circulation.
 - c. Fertilization.
 6. **Write short notes on:** [2x4=8]
 - a. Secretions and functions of Thyroid gland.
 - b. Functions of Small intestine.
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B.Sc.(N) [1st Year]

BF/2007/12

English

[New Scheme w.e.f. 2006]

M.M. : 75

Time : 3 Hours.

Note : Attempt all questions.

1. **Write an essay, having about 300 words on any ONE of the following:**

1. Doctor treats god cures.
2. My favourite Writer.
3. Cleanliness.
4. The college library.

[15 marks]

2. **Write a letter to your sister in U.S.A. about your college, studies, friends and teachers.**

[10 marks]

3. **Write a short note on the duties of a nurse in a hospital**

[10 marks]

4. **Make a precis of the following passage. Assign a heading:** [10 marks]

The expectations of the parents from their children are always very high and often unrealistic. The children are under great pressure to do their best and get the best grades in the school. The problem with the parents is that they want their children to achieve what they themselves could not achieve. Therefore, they are too much interested in the private lives of the children. What the child is doing and where he is at what time, bother the parents. As a result of it the children feel that there parents do not let them have a normal childhood. Out of anger, they do not want to follow what their parents want them to do. They are unhappy because they are not allowed to follow the desires. This causes the clash between the parent and their children.

5. **Correct the following sentences:**

[5 marks]

1. Do not prevent the child to play.
2. He has parted company from me.
3. Why do people laugh on the poor.
4. I have seeked the permission of my parents.
5. Write with ink.

6. **Fill in the blanks with correct Prepositions:**

[5 marks]

1. The parent are fond _____ their kids.
2. Why do you differ _____ me in this matter.
3. The river has _____ its banks.
4. The bird has _____ from the nest.
5. The boy was _____ delighted to meet his friends.

P.T.O.

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7. **Substitute one word for the following:** [5 marks]
1. Cure for all ailments.
 2. One who looks after the patients.
 3. One whose case the lawyer pleads.
 4. People who speaks two languages.
 5. One who practices medicine.
8. **Give the Antonyms of the following:** [5 marks]
1. War.
 2. Light.
 3. Dusk .
 4. Bachelor.
 5. Widow.
9. **Use the following Idioms:** [5 marks]
1. Abide by.
 2. To put up.
 3. To call a Spade a Spade.
 4. To take to task.
 5. To take after.
10. **Transcribe the following into phonetic symbols:** [5 marks]
1. Book.
 2. Pen.
 3. Doctor.
 4. Nurse.
 5. Hospital.
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B.Sc.(N) [1st Year]
BF/2007/12

Microbiology
[New Scheme w.e.f. 2006]

M.M. : 75

Time : 3 Hours.

Note:: Attempt any FIVE questions.

1. **Write short notes on:** [2x7¹/₂=15]
 - a. Acid fast staining.
 - b. Koch's postulate.
 2. **Write briefly on:** [2x7¹/₂=15]
 - a. Bacterial growth curve.
 - b. Anaphylactic shock.
 3. **Write short notes on:** [2x7¹/₂=15]
 - a. Hospital infection control.
 - b. Classification of Virus.
 4. **Write briefly on:** [2x7¹/₂=15]
 - a. Malaria.
 - b. Cultivation of Fungus.
 5. **Write in detail the laboratory diagnosis of Cholera.** [15]
 6. **Write notes on:** [2x7¹/₂=15]
 - a. Enriched media.
 - b. Chemical disinfectant.
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B.Sc.(N) [1st Year]
BF/2007/12

Nursing Foundations
[New Scheme w.e.f. 2006]

M.M. : 75

Time : 3 Hours.

Note: Attempt all questions.

1. **Explain the nursing responsibilities while performing following nursing interventions [any FOUR]:** [4x5=20]
 - a. Intravenous injections.
 - b. Hot applications.
 - c. Surgical wound dressing.
 - d. Administration of cleansing Enema.
 - e. Specimen collection.

2. **Write short notes on any FOUR of the following:** [4x5=20]
 - a. Neuman's theory.
 - b. Pain management.
 - c. Importance of communications in nursing practice.
 - d. Over view of nursing process(briefly).
 - e. Role of a nurse in primary health care.

3. **Miss Renu, age 14 years, hospitalized with the diagnosis of Hyper Pyrexia:**
 - a. Explain the factors affecting regulation of body temperature. [4]
 - b. How will you take care of hyper Pyrexia. [4]
 - c. How will you maintain Fluid and Electrolytes balance. [4]
 - d. Importance of maintaining nurses records. [5]

4. **Mr. Mohan, age 50 years, hospitalized with chest injury(Flail chest):**
 - a. How will you take care of chest drainage tube. [8]
 - b. Importance of Oxygen administration. [5]
 - c. What methods you will use to prevent complications. [5]

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

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Microbiology

[Old Scheme]

M.M. : 70

Time : 3 Hours.

Note: Attempt any SEVEN questions.

1. **Write short notes on:** [10]
 - a. Gram positive bacterial Cell Wall.
 - b. Environmental factors affecting bacterial growth.
 2. **Write briefly on:** [10]
 - a. Routes of transmission of infection in hospitals.
 - b. IgA.
 3. Describe briefly Sterilization by Moist heat. 10]
 4. **Write short notes on:** [10]
 - a. Phagocytosis.
 - b. T Lymphocytes.
 5. How will you diagnose a case of Cholera in the laboratory. [10]
 6. **Write briefly on:** [10]
 - a. Pathogenecity of *C. diphtheriae*.
 - b. Morphology and cultural characteristics of *Pneumococcus*.
 7. Discuss the pathogenecity of Poliomyelitis. How is it prevented. [10]
 8. Write briefly about Candidiasis. [10]
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B.Sc.(N) [1st Year]
BF/2007/12

Anatomy & Physiology
[Old Scheme]

M.M. : 70

Time : 3 Hours.

Note: Attempt any FIVE questions.

1. a. Define and classify Cartilages. Write their individual features. [3+7]
 b. Give examples of each. [4]

2. Describe the structure and functions of Spleen in detail. [7+7]

3. a. Describe structure of the Neuron with the help of a diagram. [5+3]
 b. Describe the Bronchus. [6]

4. a. Describe the Arterial blood pressure. [6]
 b. Describe the structures and functions of the Ovaries. [8]

5. **Describe about:**
 a. Epidermis of the Skin. [6]
 b. Nephron. [8]

6. **Write short notes on any TWO of the following:** [7+7]
 a. Erythrocytes.
 b. Vitamin B complex.
 c. Pleura.
 d. Islets of Langerhans.

B.Sc.(N) [1st Year]
BF/2007/12

Fundamentals of Nursing - I
[Old Scheme]

M.M. : 70

Time : 3 Hours.

Note: Attempt any SEVEN questions.

1. Define Nursing. Discuss in detail the scope of nursing and aims of nursing in the hospital and community. [10]
2. Define therapeutic environment. Explain the care of patient's unit and its maintenance. [10]
3. Define Urinary incontinence. Describe the role of nurse in promoting Urinary elimination. [10]
4. List various routes of drug administration. Discuss in detail oral route drug administration. [10]
5. Explain the characteristics of a healthy person and role of nurse in health promotion and health maintenance. [10]
6. Write briefly on any TWO: [2x5=10]
 - a. Nursing process.
 - b. Maslow's theory of basic needs.
 - c. Care of hair.
7. Write briefly on any TWO: [2x5=10]
 - a. Recording & Reporting.
 - b. Quality nursing care.
 - c. Nurse - Patient relationship.
8. Write briefly on any TWO: [2x5=10]
 - a. Barrier nursing.
 - b. Drug addiction & control.
 - c. Care of terminally ill.

B.Sc.(N) [1st Year]
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Psychology as Applied to Nursing
[Old Scheme]

M.M. : 70

Time : 3 Hours.

Note: Attempt SEVEN questions and Q.No. 8 is compulsory.

1. Define Psychology and discuss its scope. [5,5]
 2. Explain the principles of Perception. Differentiate between Illusion and Hallucination. [6,4]
 3. Define Motivation. Discuss biological motives. Explain what are Conflicts. [3,4,3]
 4. Discuss the psychological needs of chronically ill patients and their attendants. [5,5]
 5. Describe the role of heredity and environment in the development of individual differences. [10]
 6. Define learning. Explain Cognitive or Conditioning learning. [3,7]
 7. Explain Short term and Long term memory. Discuss the methods to improve memory. [5,5]
 8. Write short notes on any TWO: [5,5]
 - a. Experimental method.
 - b. Determinants of attention.
 - c. Personality characteristics of a nurse.
 - d. Intelligence tests.
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B.Sc.(N) [1st Year]
BF/2007/12

Nutrition
[Old Scheme]

M.M. : 70

Time : 3 Hours.

Note: Q.No. 7 is compulsory. Attempt SIX questions in all.

1. a. What is the latest concept of health given by WHO[World Health Organization]. [6]
b. What is the impact of changing nutritional trends on the health of children. [6]
 2. a. What is the role of Fibre in the daily diet. [6]
b. Enlist all the nutrients required for good health. Give the sources of energy yielding nutrients [6]
 3. What is the significance of assessing nutritional status of community. List the various methods used and explain in detail any two of them. [12]
 4. a. What are the principles for planning diet for family. [6]
b. Plan and calculate a day's diet for an adolescent girl. [6]
 5. What are the causes and consequences of Malnutrition. Write the ways and measures taken at family and national level to eradicate it. [12]
 6. a. Write down the aetiology of Obesity and consequences on health. [6]
b. List five cases in which modified diets are prescribed. [6]
 7. Write short notes on any TWO of the following [2x5=10]
 - a. Food exchange list.
 - b. Functions of Vitamin A.
 - c. RDA of women and men.
-

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B.Sc.(N) [1st Year]
BF/2007/12

English
[Old Scheme]

M.M. : 35

Time : 2 Hours.

Note: Attempt all questions.

1. Write an essay on any One of the following topics in about 300 words:
 - a. Dengue.
 - b. The happiest day of my life.
 - c. Television in modern life.
 - d. Nursing as a mission and not profession.[5]
2. You father has decided about your marriage. Write a letter to your father giving your views. OR [5]
Write a letter of polite protest to you neighbour whose dog is nuisance to you. [5]
3. Write a paragraph on ANY ONE of the following topics:
 - a. God helps those who help themselves.
 - b. Importance of mothers milk for an infant.
 - c. Ill health is a curse.[5]
4. Do as directed: [5x2=10]
 1. Change the Voice
 - a. Call the doctor at once.
 - b. The old man should not be laughed at.
 2. Change the Narration:
 - a. "Have you anything to say on behalf of the Prisoner"? Said the judge finally.
 - b. The Judge said, "The sun rises in the east."
 3. Fill in the correct Preposition:
 - a. The little child is deeply attached _____ me.
 - b. This girl is engaged _____ my friend.
 4. Correct the following:
 - a. This novel is easier from that.
 - b. I have not heard the last news.

P.T.O.

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5. Use the Correct Article:

- a. He is _____ Ashoka of this Age.
- b. He saw _____ one-eyed woman.

5. Read the following passage and express in your own words the ideas contained in it: [5]

Real history should deal, not with a few individuals here and there but with the people who make up a nation, who work and by their labour produce the necessities and luxuries of life and who in a thousand different ways act and react on each other. Such a history of man would really be a fascinating story. It would be the story of man's struggle through the ages against nature and the elements, against wild beasts and the jungle and last and most difficult of all, against some of his own kind who have tried to keep him down and to exploit him for their own benefit. It is the story of man's struggle for a living. And because, in order to live, certain things like food and shelter and clothing in cold climates, are necessary, those who have controlled these necessities have lorded it over man. And so we see the strange sight of large masses being exploited by the comparatively few; of some who cares without working at all, and of vast numbers who work but earn very little.

6. Write in your own words the method you would like to apply to set right a very non-cooperative patient in your ward.

OR

What do you feel when you senior scolds you in your ward in the presence of patients. Express it in your words. [5]

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B.Sc.(N) [2nd Year]
BF/2007/12

Medical Surgical Nursing-I

M.M. : 70

Time : 3 Hours.

Note: Attempt all questions.

1.
 - a. Define bronchial asthma. [2]
 - b. Discuss the etiological factors and clinical manifestations. [6]
 - c. Describe the medical and nursing management of the patient. [7]
 2.
 - a. Define Ulcerative Colitis. [2]
 - b. Enumerate the etiological factors and clinical manifestations of Ulcerative Colitis. [4]
 - c. Discuss the pathophysiology of the condition. [4]
 - d. Describe the nursing management following the steps of nursing process. [5]
 3. **Write short notes on any FOUR of the followings:**
 - a. Anaemia.
 - b. Cardiotonics.
 - c. Glucose tolerance test.
 - d. Pre-operative care in general.
 - e. Pain. [4x5=20]
 4. **Write nursing responsibilities in any FOUR of the followings:** [4x5=20]
 - a. Patient on antineoplastic drugs.
 - b. Patient undergoing upper G.I. endoscopy.
 - c. Patient with Leukemias.
 - d. Patient who had undergone renal transplant.
 - e. Patient undergoing Pulmonary function test.
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B.Sc.(N) [2nd Year]

BF/2007/12

Medical Surgical Nursing-II

M.M. : 70

Time : 3 Hours.

Note: Attempt all questions.

1. **Savitri, 20 yr old female is a known case of Epilepsy. Answer the following:**
 - a. What is Epilepsy and what are its causes. [4]
 - b. Write the specific nursing management for her during epileptic attack. [6]
 - c. Outline the health education programme for her and her family members. [5]

 2. **Write down the specific nursing management of the following:**
 - a. A patient having acute Glaucoma.
 - b. Post operative care for patient after tonsillectomy.
 - c. A patient having tracheostomy.
 - d. A patient receiving chemotherapy for cancer. [4x5=20]

 3. **Mohan sustained fracture femur. He is admitted in orthopedic ward. Answer the following:**
 - a. What is reduction. Explain types of reduction. [6]
 - b. Write the process of bone healing. [4]
 - c. Explain nursing management for Mohan who is having skeletal traction. [5]

 4. **Write short notes on any FOUR of the following:** [4x5=20]
 - a. Progressive patient care.
 - b. Concept of Neuro ICU.
 - c. Coronary Artery Bypass Graft.
 - d. Cardiac catheterization.
 - e. Health services for elderly.
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B.Sc.(N) [2nd Year]
BF/2007/12

**Introduction to Community Health Nursing
including Sociology**

M.M. : 70

Time : 3 Hours.

Note: Attempt any FIVE questions.

1. Describe the objectives and scope of community health nursing. [14]
 2.
 - a. Describe epidemiological triad. [6]
 - b. Explain application of epidemiological principles in control of communicable and non communicable diseases. [8]
 3. Describe the impact of Urbanization, advancing technology and science on mental health of individual. [14]
 4. Discuss the characteristics and problems of Urban and Rural community in India. [14]
 5. Write short notes on any TWO of the following: [7+7]
 - a. Air and Air pollution.
 - b. Health laws.
 - c. Rights of woman.
 - d. Prevention of accidents in industry.
 - e. Family welfare programme.
 6.
 - a. Enumerate the hazards of unhygienic conditions and environmental pollution on health of individual. [7]
 - b. Discuss the effect of health teaching on the control of hazards due to unhygienic conditions in community. [7]
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B.Sc.(N) [2nd Year]
BF/2007/12

Psychiatric-Mental Health Nursing

M.M. : 70

Time : 3 Hours.

Note: Attempt all questions.

1. Write the difference between Psychosis and Neurosis. [10]
 2. Define Psychosis. Write the five symptoms of a patient who is case of Psychosis. [10]
 3.
 - a. What are the legal implications used in mental health settings.
 - b. Write the Rights of mentally ill patients. [5+5]
 4. Define ECT. Write the indication for giving ECT. What Are the nursing management used before , during and after ECT therapy. Write in detail. [20]
 5. Write short notes on any FOUR: [4x5=20]
 - a. Panic anxiety.
 - b. Anti Psychotic drug classification and management of patient.
 - c. Primary prevention for mental health program.
 - d. Psychodrama
 - e. Mental retardation.
-

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B.Sc.(N) [3rd Year]
BF/2007/12

Child Health Nursing

M.M. : 70

Time : 3 Hours.

Note: Attempt all questions.

1. a. Discuss the changing concepts of Child care and explain the concept of family centered child care. [10]
 b. Describe the role of nurse in Child care. [5]
 2. a. What is Meningitis? Write the clinical manifestations and causes. [5]
 b. Discuss the nursing care of an unconscious five year old child admitted in the hospital due to Pyogenic meningitis. [10]
 3. Explain the types of Tracheoesophageal fistula. Discuss the nursing care of a new born during preoperative preparation and post operative phase. [5+10]
 4. **Write short notes on any FIVE of the following:** [5x5]
 - a. Problems of feeding among infants.
 - b. Steam inhalation.
 - c. Prevention of home accidents.
 - d. Guidance to adolescents.
 - e. Hypospadias.
 - f. Side effects of chemotherapy to children.
-

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B.Sc.(N) [3rd Year]
BF/2007/12

Community Health Nursing

M.M. : 70

Time : 3 Hours.

Note: Attempt all questions.

1. a. Define "Family". [2]
 b. Discuss the role of a community health nurse for care of families in relation to prevention of disease and promotion of health. [10]
 2. a. Define "Primary health care". [2]
 b. Write the role of a community health nurse in primary health care approach. [10]
 3. a. Define "Crisis situation". [2]
 b. Discuss the role of C. H. nurse in giving examples of crisis intervention due to "earthquake". [13]
 4. a. Define Mental health. [5]
 b. Write the role of a Comm. Health Nurse in community mental health programme. [11]
 5. **Write short notes on any THREE of the followings:** [3x5=15]
 - a. Geriatric problem.
 - b. Supervisory responsibilities of C.H.N.
 - c. National rural health mission.
 - d. Trends of health education.
 - e. Principles of writing records.
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B.Sc.(N) [3rd Year]

BF/2007/12

Obstetrical Nursing & Midwifery including Gynaecology

M.M. : 70

Time : 3 Hours.

Note: Attempt FOUR questions in all. Q.No. 4 and 5 are compulsory.

1. a. Describe the anatomy of Uterus. [5]
 b. Explain the physiology of menstruation. [10]

2. a. What are the signs and symptoms of Pregnancy. [12]
 b. List down the various diagnostic tests of pregnancy. [3]

3. a. Describe the physiology of 3rd stage of labour. [5]
 b. Explain the management of 3rd stage of labour. [10]

4. **Define the following terms[any FIVE]:** [5x2=10]
 a. Toxaemia of pregnancy.
 b. Asphyxia neonatorum.
 c. Caesarean section.
 d. Low birth weight babies.
 e. Physiological jaundice.
 f. Postpartum haemorrhage.

5. **Write short notes on [any THREE]:** [3x10=30]
 a. Displacement of Uterus.
 b. Foetal circulation.
 c. Resuscitation of neonates at birth.
 d. Subinvolution of uterus.

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B.Sc.(N) [4th Year]
BF/2007/12

**Introduction to Nursing
Administration & Education**

M.M. : 70

Time : 3 Hours.

Note: Attempt all questions.

1. Discuss principles of Administration. [10]
OR
Discuss organizational problems. [10]
 2. Discuss importance of human relations in nursing. [10]
 3. Describe the nursing education pattern in India. [10]
 4. a. Enumerate the purposes and functions of Evaluation. [4]
b. Explain any TWO tools of evaluation. [6]
 5. Write notes on any THREE of the following: [3x10=30]
 - a. Responsibilities of a graduate nurse.
 - b. Methods of teaching.
 - c. Factors influencing leadership styles.
 - d. Personnel management.
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