

Saeta Kerkar 47

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62504

**First Basic B.Sc. Nursing Examination, Summer 2014  
PSYCHOLOGY**

Total Duration: Section A + B + C = 3 Hours

Section B & C Marks: 60

**SECTION - B & SECTION - C**

- Instructions:**
- 1) Use **blue/black** ball point pen only.
  - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
  - 3) **All questions are compulsory.**
  - 4) The number to the **right** indicates **full marks**.
  - 5) Draw diagrams **wherever** necessary.
  - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
  - 7) Use a common answerbook for all Sections.

**SECTION - B**

**(30 Marks)**  
**(5x3=15)**

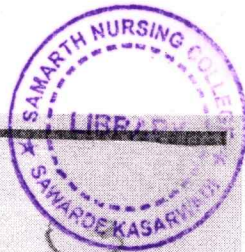
2. Answer the following (**any five** out of six) :
  - a) Explain frustration with examples.
  - b) Explain the factors affecting attention, giving 3 examples.
  - c) Explain three advantages of being a member of a group.
  - d) Give three examples to illustrate body-mind relationship.
  - e) Write the characteristics of a mentally healthy person.
  - f) Explain about Forgetting.

3. Answer the following (**any three** out of four) : **(3x5=15)**
  - a) Explain the General adaptation syndrome by Hans Seyle with one example.
  - b) Explain the Maslows hierarchy of needs.
  - c) Explain the psychological needs of adolescents.
  - d) Define perception. Explain the difference between illusion and hallucination.

**SECTION - C**

**(30 Marks)**  
**(2x15=30)**

4. Answer the following (**any two** out of three) :
  - a) Define memory.
    - i) Define learning.
    - ii) Explain the steps of learning process.
    - iii) Explain the factors that contribute to effective learning.
  - b) Explain the factors that affect memory.
  - c) Discuss various methods to improve memory.



Kamal S. Benkere 48 1st year.



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First Basic B.Sc. Nursing Examination, Summer 2014  
NURSING FOUNDATION

Total Duration : Section A + B + C = 3 Hours

Section B & C Marks : 60

SECTION - B & SECTION - C

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- 1) Use **blue/black** ball point pen only.
  - 2) **Do not** write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
  - 3) **All questions are compulsory.**
  - 4) The number to the **right** indicates **full marks**.
  - 5) Draw diagrams **wherever** necessary.
  - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
  - 7) Use common answer book for **all Sections**.

SECTION - B

(30 Marks)

2. Answer the following (**any five** out of six) :
- a) List down the ethical principles.
  - b) Care of patients unit after discharge.
  - c) Barriers of effective communication.
  - d) Factors affecting sleep.
  - e) Principles of bandaging.
  - f) Enlist the different types of enema.

(5×3=15)

3. Answer the following (**any three** out of four) :
- a) Barrier nursing.
  - b) Hot applications
  - c) Functions of hospital
  - d) Nursing as a profession.

(3×5=15)

SECTION - C

(30 Marks)

4. Answer the following (**any two** out of three) :
- a) Define nursing. Discuss the importance of records and reports. Explain the steps of nursing process.
  - b) Enlist the methods of oxygen administration. List the Indication of oxygen administration. Discuss the Nurses responsibility in oxygen administration.
  - c) List down the methods of medicine administration. Explain the rights of medicine administration. Write the Nurses responsibility in administration of drugs.

(2×15=30)



62505

**First Basic B.Sc. Nursing Examination, Summer 2014  
MICROBIOLOGY**

Total Duration : Section A + B + C = 3 Hours

Section B & C Marks : 60

**SECTION – B & SECTION – C**

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  - 3) **All questions are compulsory.**
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  - 7) **Use a common answer book for all Sections.**

**SECTION – B**

**(30 Marks)**

2. Answer the following (**any five** out of six) :
- a) Write a short note on bacterial growth curve.
  - b) Describe the procedure of Grams Staining.
  - c) Write a short note on Bacillary dysentery.
  - d) Write a short note on IgM.
  - e) Mention the contribution of Louis Pasteur.
  - f) Describe Bacterial Cell Wall.

**(5x3=15)**

3. Answer the following (**any three** out of four) :
- a) Write contributions of Robert Koch.
  - b) Describe laboratory diagnosis of Tuberculosis.
  - c) Describe physical method of sterilization with respect to Dry and Moist Heat.
  - d) Write a note on Nosocomial Infection.

**(3x5=15)**

**SECTION – C**

**(30 Marks)**

4. Answer the following (**any two** out of three) :
- a) Define Culture Media and Describe different types of culture media with example.
  - b) What is Immunity ? Explain different types of immunity.
  - c) What is Infection ? What is infection Control ? Explain the role of Nurses in infection control.

**(2x15=30)**



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SECTION - C  
(LAQ)

(30 Marks)

4. Attempt any 2 LAQ out of 3 :

(2x15=30)

- a) Define sterilization and disinfection. 3  
Enumerate methods of sterilization by heat. 5  
Describe principle, functioning, uses of hot air oven. 7
- b) Define Kass Concept of significant Bacteriuria. 3  
Write method of collection and transport of urine in males and in females. 4  
Write laboratory diagnosis of UTI i.e (Urinary Tract Infection). 8
- c) Enumerate 03 protozoa. 3  
Describe morphology, life cycle of Entamoeba histolytica. 6  
Write pathogenicity and laboratory diagnosis of E.histolytica. 6

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62501

**First Basic B.Sc. Nursing Examination, Summer 2014  
ANATOMY AND PHYSIOLOGY**

Total Duration : Section A + B + C = 3 Hours

Section B & C Marks : 60

**SECTION – B & SECTION – C**

- Instructions :**
- 1) Use **blue/black** ball point pen only.
  - 2) Do not write anything on the **blank portion of the question paper**. If written anything such type of act will be considered as an attempt to resort to unfair means.
  - 3) **All** questions are **compulsory**.
  - 4) The number to the **right** indicates **full** marks.
  - 5) Draw diagrams **wherever** necessary.
  - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
  - 7) **Use** a common answer book for **all** Sections.

**SECTION – B**

**(30 Marks)**

**Anatomy**

2. Answer the following (any three out of four) :

**(3x5=15)**

- ~~a) Classification of bones~~
- ~~b) Deltoid muscle~~
- ~~c) Blood supply of stomach~~
- ~~d) Name the chambers of heart and openings in the right atrium~~

3. Describe the mammary gland under the following headings :

**(1x7=7)**

- a) Morphology
- b) Lymphatic drainage
- c) Applied anatomy

3  
2  
2

P.T.O.



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**SECTION - C**  
**(Physiology)**

5. Answer the following **any three** out of four :

(3x5=15)

a) Digestion of carbohydrate

b) Menstrual cycle

c) Pulmonary circulation

d) Rh incompatibility.

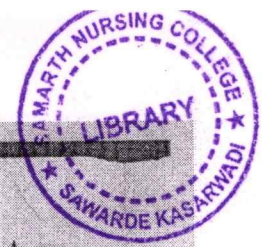
6. Explain the mechanism of Respiration and the chemical control of respiration.

(1x7=7)

7. Enumerate the factors involved in blood coagulation and describe the mechanism of clotting.

(1x8=8)

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**First Basic B.Sc. Nursing Examination, Summer 2014**  
**NUTRITION AND BIOCHEMISTRY**

Total Duration: Section A + B + C = 3 Hours

Section B & C Marks: 60

**SECTION – B & SECTION – C**

- Instructions :**
- 1) Use **blue/black** ball point pen only.
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  - 3) **All questions are compulsory.**
  - 4) The number to the **right** indicates **full** marks.
  - 5) Draw diagrams **wherever** necessary.
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  - 7) **Use a common answer book for all Sections.**

**SECTION – B**

**(35 Marks)**

**Nutrition**

2. Answer the following (**any four** out of five) : **(4x5=20)**
  - a) Mid day meal programme
  - b) Functions and deficiency of Vitamin C
  - c) Protein energy malnutrition
  - d) Food preservation
  - e) Basal Metabolic Rate.
3. Explain the classification, sources and functions of carbohydrates. **(1x7=7)**
4. Explain the role of nurse in nutritional programmes. **(1x8=8)**

P.T.O.

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SECTION - C

(25 Marks)

Biochemistry

5. Answer the following (any three out of four) : (3x5=15)

- a) Write any five functions of vitamin C.
- b) Write five factors affecting rate of enzyme catalysed reaction.
- c) Describe the fluid mosaic structure of cell membrane.
- d) Write functional classification of proteins with suitable example for each class.

6. a) Write a note on aerobic glycolysis and its energetics. (1x10=10)

OR

b) Describe the urea cycle. Explain its importance. (1x10=10)





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First BASIC B.SC. NURSING, Winter 2014

Microbiology

Total Duration: Section A+B = 3 Hours

Section - A & Section - B



Total Marks : 75

Instructions:

- 1) Use blue/black ball point pen only.
- 2) Do not write anything on the blank portion of the question paper. If written anything, such type of act will be considered as an attempt to resort to unfair means.
- 3) All questions are compulsory.
- 4) The number to the right indicates full marks.
- 5) Draw diagrams wherever necessary.
- 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
- 7) Use a common answer book for all section.

Section "A" (40 Marks)

1. Short answer question (any five out of six) : (5x5=25)
  - a) scope of Microbiology in Nursing practice
  - b) Define Immunity and Differentiate between Active and Passive Immunity.
  - c) Pathogenesis of Salmonella typhi
  - d) Universal Safety precautions
  - e) Describe the procedure of Gram staining and write down the names of 2 Gram Positive and Gram Negative organisms each
  - f) Hospital Infection Control
2. Long answer question (any one out of two) : (1x15=15)
  - a) Classify Culture Media. Describe each type of culture media with one example of each.
  - b) Define biomedical waste. Describe Biomedical waste management in detail.

Section "B" (35 Marks)

3. Short answer question (any four out of five) : (4x5=20)
  - a) Enumerate Koch's Postulates
  - b) Define sterilization and classify various methods of sterilization.
  - c) Classify viruses and explain the various methods of cultivation of viruses.
  - d) Describe various antigen antibody reactions and give example of each.
  - e) Write classification of bacteria based on their shape and give examples of each.
4. Long answer question (any one out of two) : (1x15=15)
  - a) Describe factors affecting growth of bacteria. Draw, label and explain the bacterial growth curve.
  - b) Describe various modes of transmission of infection with examples of each.



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**First Basic B.Sc. Nursing Examination, Summer 2015**  
**MICROBIOLOGY**

Total Duration : Section A + B = 3 Hours

Total Marks : 75

**SECTION – A & SECTION – B**

- Instructions :**
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  - 3) **All** questions are **compulsory**.
  - 4) The number to the **right** indicates **full** marks.
  - 5) Draw diagrams **wherever** necessary.
  - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
  - 7) **Use** a common answer book for **all** Sections.

**SECTION – A**

**(40 Marks)**

1. Short answer question (**any five** out of six) :

**(5×5=25)**

- a) Blood culture.
- b) Write a note on bacterial growth curve.
- c) Write a note on Koch's postulates.
- d) Write pathogenicity of *Candida albicans*.
- e) Life cycle of *Ascaris Lumbricoides* (round worm)
- f) Write a note on gram staining.

2. Long answer question (**any one** out of two) :

**(1×15=15)**

- a) Draw a neat, well labelled diagram of HIV. Write modes of transmission of HIV. Write pathogenicity and laboratory diagnosis of HIV.
- b) Enumerate respiratory tract infections. Write morphology, pathogenicity and laboratory diagnosis of *Mycobacterium tuberculosis*.

P.T.O.



First BASIC B.SC. NURSING, Winter 2014  
Anatomy and Physiology

Total Duration: Section A+B = 3 Hours

Total Marks :75

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- 7) Use a common answer book for all section.

Section "A" (42 Marks)

Anatomy

1. Short answer question (any six out of seven) : (6x5=30)
- a) Synovial joint
  - b) Classification of bones according to shape with examples
  - c) Sartorius muscle
  - d) Boundaries and contents of axilla
  - e) Stomach bed
  - f) Relations of right kidney
  - g) Muscles of mastication

2. Long answer question (any one out of two) : (1x12=12)
- a) Write in detail blood supply of heart
  - b) Describe uterus under following heads:  
i) Gross anatomy and Relations  
ii) Support  
iii) Applied Anatomy

Section "B" (33 Marks)

Physiology

3. Short answer question (any four out of five) : (4x5=20)
- a) Write the functions of liver.
  - b) Describe in brief the actions of growth hormone.
  - c) Explain the transmission of an impulse across the Neuro-muscular junction.
  - d) Write a note on functions of kidney.



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4. Describe the hip joint under the following headings :

(1x8=8)

- a) Type. 1
- b) Articular surfaces. 2
- c) Ligaments. 2
- d) Movements & muscles producing them. 3

SECTION – C

(30 Marks)

Physiology

5. Answer the following (any three out of four) :

(3x5=15)

- a) Functions of white blood cells.
- b) Write a note on vital capacity.
- c) Functions of placenta.
- d) Role of skin in temperature regulation.

6. Describe different phases of cardiac cycle with a well labelled diagram.

(1x7=7)

7. Describe the composition and functions of gastric juice.

(1x8=8)