

For Online Transmission of Question Papers :- Make details to be available at web site

Sr. No.	Infrastructure facilities at College	Yes/No
Strong Room:		
1	It must have Single Door Entry /Exit (with Safety Door/Grill for windows)	Yes
2	Minimum Area shall be 20x20sq.ft.	Yes
3	Adequate Steel Almirah /Cupboard for storage of Answer Books.	Yes
4	C.C.T.V. Camera with recording facility that covers entire area or Downloading and Printing of online transmission of Question Paper process.	Yes
5	Latest version Computer(Minimum4) and Printer(Minimum4)with Inverter facility, MSOffice , PDF Reader ,Winrar or Win zip.	Yes
6	Dual Internet service, Primary with 1:1 dedicated line of 100 mbps speed by class 'A' ISP, and alternate line with 1 : 1 dedicated line of 50mpbs speed, by an another Class 'A' ISP to ensure uninterrupted Downloading facility, with 2 (two) static IP's, Internet Dongle.	Yes
7	Adequate Number of Paper Rims for printing Question Papers.	Yes
8	One Photo copy Machine, UPS Backup.	Yes
Scanning Room:		
9	Separate Scanning Room for scanning Answer Books after end of Examination Session under CCTV Surveillance. (Laptop and Scanners will be provided by the University Appointed Agency)	Yes
10	Dual Internet service, Primary with 1:1 dedicated line of 100 mbps speed by class 'A' ISP, and alternate line with 1 : 1 dedicated line of 50 mbps speed, by an another Class 'A' ISP to ensure uninterrupted Downloading facility, with2(two) static IP's, Internet Dongle.	Yes

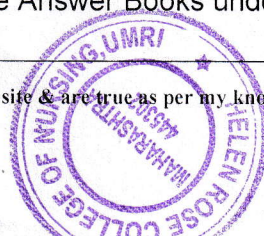
To Set Up DEC for On screen Evaluation of Answer Books:

Sr. No.	Infrastructure facilities at College	Yes/No
1	Computers (20) with latest licensed Operating System Software (OSS) with antivirus and firewalls to provide all lock, work station with Computer charts and key board tray.	Yes
2	Wiring and Networking (with Raw Power Supply and UPS) and one Printer per DEC	Yes
3	Air conditioners, Biometric system, CCTV installation, Restrooms And 24x7 security.	Yes
4	Collapsible gate for the main entrance with Name board and locking Facility.	Yes
5	Dual Internet service, Primary with 1:1 dedicated line of 100 mbps speed by class 'A' ISP, and alternate line with 1 : 1 dedicated line of 50mpbsspeed,byananotherClass'A'ISPtoensureuninterrupted Downloading facility,with2(two) static IP's.	Yes
6	Appointment of one Professor as a Examination Co-ordinator to Co-ordinate this Online process.	Yes
7	Separate Evaluation Room for Evaluating the Answer Books under CCTV Surveillance	Yes

Here by I declare all relevant document uploaded are clear and visible on web site & are true as per my knowledge & Belief

Principal

Date



Helen Rose College
of Nursing, UMRI
Maharashtra - 445302

First Semester B.Sc. Nursing Examination, (Phase-III) Winter - 2023
APPLIED ANATOMY & APPLIED PHYSIOLOGY (Paper-I)

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

Section B & C Marks : 62

SECTION - B & SECTION - C

- Instructions :**
- 1) Use **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 section B & C.

SECTION-B

2. **Long Answer Questions: (Solve any one out of 2):** [1×10=10]
- a) Define joints. What are the types of joints? Describe the Shoulder joint in detail.
 - b) Enumerate the parts of the Digestive system. Discuss accessory organs of digestion.
3. **Short Answer Questions : (Solve any 3 out of 4):** [3×5=15]
- a) Thyroid gland
 - b) Meninges of Brain
 - c) External features of kidney.
 - d) Trapezius muscle

J. Shekha
Principal
Helen Rose College
of Nursing, UMRI
Maharashtra - 4



4. Short Answer Questions : (Solve any 3 out of 4): [3×2=6]
- a) Peristalsis
 - b) Goitre
 - c) Stroke volume
 - d) R.B.C.

SECTION-C

5. Long Answer Questions : (Solve any 1 out of 2) [1×10=10]
- a) Functions of Kidneys.
 - b) Explain in detail the various functions of the Liver.
6. Short Answer Questions : (Solve any 3 out of 4) [3×5=15]
- a) Hormones of anterior pituitary.
 - b) Functions of Cerebellum.
 - c) Functions of pancreas.
 - d) Conducting system of heart.
7. Short Answer Questions : (Solve any 3 out of 4) [3×2=6]
- a) Describe the structure of the renal capsule.
 - b) Explain parts of the male urethra.
 - c) Describe the Lobes of Liver.
 - d) Draw a well labelled diagram of transverse section of spinal cord.



First Semester B.Sc. Nursing Examination, (Phase - III) Winter - 2023
APPLIED SOCIOLOGY & APPLIED PSYCHOLOGY (Paper-II)

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

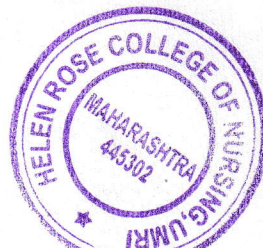
Section B & C Marks :62

SECTION - B & SECTION-C

- Instructions :**
- 1) Use **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 section B and C.**

SECTION-B

2. Long Answer Questions (Solve any 1 out of 2):- [1×10=10]
- a) Define social control. List out the types and explain the process of social control in detail.
 - b) Explain laws of Learning. Describe factors influencing our memory.
3. Short Answer Questions (Solve any 3 out of 4):- [3×5=15]
- a) Malthusian theory of population.
 - b) What is an intelligence test? Elucidate its uses with examples.
 - c) Women Empowerment and Role of Nurse in Women Empowerment.
 - d) Define Social Mobility. Write the indicators of Social mobility.



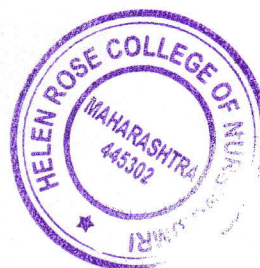
4. Short Answer Questions (Solve any 3 out of 4):- [3×2=6]
- What is Reinforcement?
 - List the various branches of Psychology.
 - Enumerate types of Social problems in India.
 - Define Social Organization.

SECTION-C

5. Long Answer Questions (Solve any 1 out of 2):- [1×10=10]
- What is meant by Urban Community? Discuss the impact of urbanisation on health and health practices.
 - Define Memory. Discuss about the types of memory.

6. Short Answer Questions (Solve any 3 out of 4):- [3×5=15]
- Explain effects of Bodily Conditions on Mental Functioning.
 - Describe the characteristics of family.
 - Explain alterations in Perception, also called as perceptual illusions.
 - Process of Socialization.

7. Short Answer Questions(Solve any 3 out of 4) :- [3×2=6]
- Enumerate types of socialization
 - Soft skills
 - Types of thinking
 - Define Sociology.



J. Shaha
Principal
Helen Rose College
of Nursing, UMRI
Maharashtra

[Total No. of Pages : 2

EEB0000300017551202

First semester B.Sc. Nursing Examination, Summer - 2024

Phase - II

APPLIED ANATOMY & APPLIED PHYSIOLOGY

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

Section B&C Marks : 62

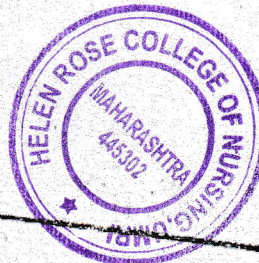
SECTION - B & SECTION - C

- Instructions :
- 1) Use 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 the 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 section B & C.

SECTION - B (Applied Anatomy)

- 2) Long Answer Questions (any one out of two) [1 × 10 = 10]
- a) Describe the Brachial plexus under the following headings
 - i) Formation
 - ii) Branches
 - iii) Applied anatomy
 - b) Describe the Hip joint under the following headings
 - i) Articular surfaces
 - ii) Ligaments
 - iii) Muscles involved in movement
- 3) Short Answer Questions (any three out of four) [3 × 5 = 15]
- a) Name the chambers of the heart and elaborate the openings in the right atrium.
 - b) Define mediastinum and describe the contents of mediastinum
 - c) Explain the supports of Uterus
 - d) Describe Bronchopulmonary segments

N - 1282



J. Shaha
Principal P.T.O.
Helen Rose College
of Nursing, UMRI
Maharashtra - 445302

EEB0000300017551202

[3 × 2 = 6]

- 4) Short Answer Questions (Solve any 3 out of 4)
- a) Enlist the factors causing a right shift of the Oxygen dissociation curve.
 - b) Classify the receptors based on location
 - c) List the lobes of Cerebrum
 - d) Enumerate the functions of blood.

SECTION - C (Applied Physiology)

- 5) Long Answer Questions (Solve any 1 out of 2) [1 × 10 = 10]

- a) Explain the physiology of Pulmonary Ventilation and relate compliance and airway resistance to it.
- b) Define digestion and explain the phases of digestion. Distinguish between chemical and mechanical digestion processes.

- 6) Short Answer Questions (Solve any 3 out of 4) [3 × 5 = 15]

- a) Define and classify anemia
- b) Define Glomerular Filtration Rate (GFR) and explain the factors affecting GFR
- c) Explain Thermoregulation in humans.
- d) Explain the Formation and circulation of cerebrospinal fluid

- 7) Short Answer Questions (Solve any 3 out of 4) [3 × 2 = 6]

- a) The Medial Meniscus is often injured. Give reason.
- b) Label the planes in the given figure \Rightarrow Replace with "Neuron"
- c) Describe the cell membrane in brief
- d) Classify the types of simple Epithelium

N - 1282

-2-



J. Shikha
Principal
Helen Rose College
of Nursing, UMRI
Maharashtra - 445302

First Semester B.Sc. (Nursing) Examination, Summer - 2024
Phase - II

APPLIED SOCIOLOGY & APPLIED PSYCHOLOGY

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

Section B&C Marks 62

SECTION - B & SECTION - C

- Instructions :**
- 1) Use 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 the 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 section B & C.

SECTION - "B"

(Applied Sociology)

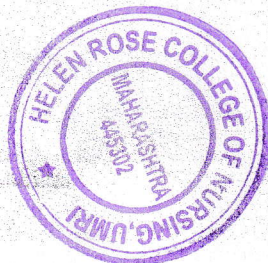
2. Long Answer Questions (any one out of two) : [1 × 10 = 10]

- a) Define social stratification. Explain caste as a form of social stratification and also the present trend of caste system in modern India?
- b) Define sociology. Discuss the importance of sociology in nursing and explain the social factors influencing health and illness?

3. Short Answer Questions (any three out of four) : [3 × 5 = 15]

- a) Describe the features of caste system
- b) Explain the causes of Juvenile Delinquency
- c) Briefly explain the developmental programs of rural community.
- d) Explain with examples the culture and civilization

N - 1283



J. Shinde
Principal
Helen Rose College
of Nursing, UMRI
Maharashtra - 445302

P.T.O

EEB0000300017551203

4. Short Answer Questions (Solve any 3 Out of 4) : [3 × 2 = 6]

- a) Write down the meaning of Illusion v/s Delusion with an example
- b) What is meant by Reinforcement?
- c) ~~List down the characteristics of mentally healthy person.~~
- d) Define Mental hygiene

SECTION - "C"

(Applied Psychology)

5. Long Answer Questions (any one out of two) : [1 × 10 = 10]

- a) Define personality. Explain any one theory of personality development
- b) What is psychology? Explain the scope of psychology and its relevance to nursing?

6. Short Answer Questions (Solve any 3 Out of 4) : [3 × 5 = 15]

- a) Describe stress and adaptation
- b) What are the characteristics and uses of psychological test?
- c) Explain with examples, the warning signs of poor mental health.
- d) Describe Maslow's need theory

7. Short Answer Questions (Solve any 3 Out of 4) : [3 × 2 = 6]

- a) Define Joint family
- b) Uses of sociology in Nursing
- c) Define Exogamy
- d) Enumerate the functions of culture



J. Shaha
Principal
Helen Rose College
of Nursing, UMRI
Maharashtra - 445302