Rajiv Gandhi University of Health Sciences

First Year M. Sc. (Nursing) Degree Examination - SEP-2018

[Time: 3 Hours]   [Max. Marks: 40]

Statistics (RS3 & RS4)

Q.P. CODE: 9634

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.
(Note: Both QP codes 9633 and 9634 should be, completed within the total duration of three hours)
Use separate answer books for 9633 and 9634

ANSWER THE FOLLOWING   **2 X 15 = 30 Marks**

1.   a) Discuss various steps in testing of hypothesis.
     b) Write a note on ANOVA. (7+8 = 15 Marks)

2.   Following data gives the age of the mother in years at the time of delivery and weight of the
     respective newborn. Calculate Karl Pearson's correlation coefficient and interpret the results.

Age of the mother (yrs)	25	36	25	28	30
Weight of the newborn (lbs)	5.0	8.0	7.0	7.5	6.0

SHORT NOTES (Answer any ONE)   **1 X 10 = 10 Marks**

3.   Calculate mean and median for the following data regarding pulse rates per minute of 10
     students in a class.
     Pulse rate: 80, 90, 96, 80, 94, 72, 84, 92, 82, 90.

4.   Write a note on:
     a.   Null hypothesis
     b.   Alternative hypothesis
     c.   Type I error
     d.   Type II error
     e.   p value

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Rajiv Gandhi University of Health Sciences, Karnataka

First year M. Sc. (Nursing) Degree Examination – OCT-2018

Time: Three Hours   **Max. Marks: 80 Marks**

Obstetrics & Gynecological Nursing

Q.P. CODE: 9638

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary.

LONG ESSAY (ANSWER ALL THE QUESTIONS)   **4 x 15 = 60 Marks**

1. Write down the maternal hormones produced during pregnancy and labour and their effects on the mother. (15 marks)
2. Explain the legal and ethical issues in midwifery practice. (15 marks)
3. Organization of neonatal care service and management of nursing services in Neonatal Intensive Care Unit (15 marks)
4. a) Define infertility. (2+6+7=15marks)
   b) Enumerate the causes of primary and secondary infertility.
   c) Explain about recent advancement in infertility management.

SHORT ESSAYS (Answer any two)   **2 x 10 = 20 Marks**

5. Partograph
6. Role of NGO's in National Rural Health Mission
7. Amniocentesis
8. Drugs used in pregnancy

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Rajiv Gandhi University of Health Sciences
First Year M. Sc. (Nursing) Degree Examination - SEP-2018

[Time: 3 Hours]   [Max. Marks: 40]

Note – Three hours given to complete Q P 9633 & 9634

NURSING RESEARCH (RS3 & RS4)

Q.P. CODE: 9633

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

ANSWER THE FOLLOWING   **2 X 15 = 30 Marks**

1. Describe the different steps involved in a research process.

2. Why probability sampling is generally preferred in comparison to non-probability sampling? Explain the procedure of selecting simple random sample.

SHORT NOTES (Answer any ONE)   **1 X 10 = 10 Marks**

3. Explain the difference between structured & unstructured interview schedule with suitable example.

4. What is null and alternative hypothesis? What are the characteristics of a good research hypothesis?

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination – SEP-2018

[Time: 3 Hours]   [Max. Marks: 80]

NURSING EDUCATION
(RS-3 & RS4)
Q.P. CODE: 9631

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

ANSWER THE FOLLOWING   **4 X 15 = 60 Marks**

1. a) Explain the aims and concepts of education.
    b) Discuss the impact of social, economical, political and technological changes on Nursing Education.   (5+10)

2. a) Define lesson plan.
    b) Discuss the needs and importance of writing lesson plan. How would you plan and design a lesson effectively.   (3+12)

3. Define the concept and nature of measurement. Discuss the different assessment methods used in nursing education.

4. Define Curriculum development. Explain the process and steps involved in curriculum development.

SHORT NOTES (Answer any TWO)   **2 X 10 = 20 Marks**

5. Discipline

6. Technique in Counselling

7. Rating Scales

8. A. V. Aids

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Rajiv Gandhi University of Health Sciences
First Year M.Sc. (Nursing) Degree Examination – SEP-2018

[Time: 3 Hours]   [Max. Marks: 80]

ADVANCE NURSING PRACTICE
(RS 3 and RS 4)
Q.P. CODE: 9632

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

ANSWER THE FOLLOWING   **4 X 15 = 60 Marks**

1. a) Discuss nursing as a 'profession'.
    b) Explain the role and scope of nursing education in the advancement of profession. (9+6)

2. Describe the strategies for integrating nursing theory into practice.

3. Describe the various electrolyte imbalances and its management. Explain the pathophysiology and nursing care for hypovolemic shock. (9+6)

4. Discuss the concept of nursing process. How the nursing process focus on health of the 'client' rather than cure of disease. (9+6)

SHORT NOTES (Answer any TWO)   **2 X 10 = 20 Marks**

5. Principles and techniques of counseling

6. Disease causation and prevention

7. Disaster nursing

8. Stress and adaptation

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