



Ph.D. ENTRANCE EXAMINATION, OCTOBER 2015

Section – B & C

Time : 140 Minutes

Max. Marks : 160

Instructions :

(This is to test the candidate's ability of defining concepts through short answers.)

- 1) Answer **any twelve** questions from Section **B** and **one** question from Section **C**.
- 2) In Section **B** **each** question carries **10** marks. Section **C** carries **40** marks.
- 3) In Section **B** an answer should not exceed **100** words. In Section **C** an answer should not exceed **500** words.
- 4) Candidates should **clearly** indicate the **Section, Question Number** and **Question Booklet code** in the answer paper.
- 5) The candidates are **permitted** to answer questions **only** from the subject that comes under the **faculty** in which he/she seeks registration as indicated in the **application** form.

1. FACULTY OF MEDICINE – Nursing
2. FACULTY OF HOMOEOPATHY – Homoeopathy
3. FACULTY OF DENTISTRY – Dentistry

Name of Candidate

Register Number

Answer Booklet Code

Signature of Candidate

Signature of Invigilator



FACULTY OF MEDICINE

1. Nursing

Section – B

1. Conceptual framework **(12×10 = 120 Marks)**
2. Normal distribution
3. Principles of psychosocial rehabilitation
4. Stages of grief
5. Future role of paediatric nurse in various settings
6. PET scan
7. Characteristics of effective leader
8. Nursing audit
9. Telemedicine
10. Code of ethics
11. Communication skills
12. Role of nurse in infertility management
13. Techniques of counselling
14. Child guidance clinic
15. Randomized block design
16. Frequency distribution.

Section – C

1. a) Explain priorities for nursing research.
b) Describe the procedure for ethical clearance of a research project.
c) Explain the risk/benefit ratio of research. **(10+15+15=40)**
2. a) Explain sampling error in quantitative research.
b) Discuss the different levels of measurement with appropriate examples.
c) Describe the preparation of data for analysis and interpretation. **(10+15+15=40)**
3. a) Describe the characteristics of an instrument.
b) Explain the steps in development of an instrument. **(20+20=40)**

**FACULTY OF HOMOEOPATHY****2. Homoeopathy****Section – B**

1. Good pasture's syndrome.
2. Poison Hem lock.
3. Cross Repertorisation.
4. Randomized Controlled Trials.
5. Schizophrenia.
6. Constitution and temperament.
7. Polycythemia Rubra Vera.
8. MERS.
9. Kawasaki disease.
10. Relationship of Remedies.
11. Steven Johnsons syndrome.
12. Pharmaco-dynamics.
13. Cessat Effectus Cessat Causa.
14. Xeroderma pigmentosum.
15. General characteristics of Papa varaceae.
16. Therapeutic use of Bowel Nosodes.

Section – C

1. Design a research project to study the health problems of Migrant Labourers in Kerala.
2. Discuss the methodology of Drug proving. What are the different ways of conducting clinical trials of a drug/drugs in a particular disease. Explain with an example. Explain the role of 't' test in Homoeopathic drug trials.
3. You are directed to submit a project for research work on the effects of Mobile phone tower, high lighting the objectives, methodology and expected outcome on health.

FACULTY OF DENTISTRY**3. Dentistry****Section – B**

1. Mini implants.
2. Degusa casting machine.
3. Management of shock.
4. Inferior alveolar nerve.
5. Surgical obturator.
6. Amoxycillin.
7. Micturation reflex.
8. Type II diabetes.
9. Protaper in Endodontics.
10. Calculus index.
11. Fluorosis.
12. CBCT in diagnostic procedure.
13. Coating of titanium implants.
14. Denture stomatitis.
15. Repair of dentures.
16. Lava ceramics.

Section – C

1. Research methodology.
2. Anova test.
3. Group sampling.