

00327

Ph.D. (NURSING)
Entrance Test, 2018

Time : 3 hours

Maximum Marks : 100

Note :

- (i) Attempt **all** questions.
- (ii) The question paper consists of four parts.
- (iii) Parts A, B, C and D. Part A consists of three questions of 50 marks, Part B consists of two questions of 20 marks, Part C consists of two questions of 20 marks and Part D consists of one question of 10 marks.

PART A

1. Read the following statements carefully and write the correct answer (correct/appropriate alphabet) in your answer sheet : *15×1=15*
- (i) The device that is used by researchers to collect data for a study is called
 - (a) Concept
 - (b) Sample
 - (c) Instrument
 - (d) Hypothesis
 - (ii) The independent variable refers to one of the following :
 - (a) Result
 - (b) Cause
 - (c) Effect
 - (d) Output
 - (iii) Gender, age, religion and blood group are measured at
 - (a) Nominal scale of measurement
 - (b) Ordinal scale of measurement
 - (c) Interval scale of measurement
 - (d) Ratio scale of measurement

- (iv) The variable which is influenced by the intervention of a researcher is called
- (a) Extraneous variable
 - (b) Discrete variable
 - (c) Dependent variable
 - (d) Independent variable
- (v) A systematic abstract explanation of some aspects of reality is called
- (a) Concept
 - (b) Variable
 - (c) Theory
 - (d) Conceptual model
- (vi) In qualitative research the people who provide information to a researcher are called
- (a) Study participants and informants
 - (b) Study subjects and informants
 - (c) Study informants and respondents
 - (d) Study subjects and respondents
- (vii) Which of the following sampling techniques is used to get a representative sample ?
- (a) Cluster sampling
 - (b) Systematic sampling
 - (c) Stratified sampling
 - (d) Random sampling
- (viii) If an investigator intends to study the effect of massage on stress and pain, which type of research approach needs to be chosen by the investigator ?
- (a) Basic research
 - (b) Qualitative research
 - (c) Applied research
 - (d) Quantitative research
- (ix) Which one of the following represents a sample group ?
- (a) General population
 - (b) Control group
 - (c) Study group
 - (d) Target population

- (x) The restrictions that a nursing researcher places on the study before gathering the data are called
- (a) Assumptions
 - (b) Statistics
 - (c) Delimitations
 - (d) Limitations
- (xi) The research design in which the investigator studies the life experiences of individuals in their life-world is called
- (a) Ethnography
 - (b) Ethology
 - (c) Grounded theory
 - (d) Phenomenology
- (xii) Deductive reasoning is applied in one of the following :
- (a) Qualitative research
 - (b) Quantitative research
 - (c) Action research
 - (d) Applied research
- (xiii) Qualitative research design involves
- (a) Correlative design
 - (b) Emergent design
 - (c) Experimental design
 - (d) Cohort design
- (xiv) Facts generally accepted as truth are known as
- (a) Limitations
 - (b) Assumptions
 - (c) Evaluations
 - (d) Statistics
- (xv) Which scale of measurement has an absolute zero ?
- (a) Nominal
 - (b) Ordinal
 - (c) Interval
 - (d) Ratio

2. Explain the following briefly :

10×2=20

- (a) Variables
- (b) Operational definitions
- (c) Hypotheses
- (d) Cluster sampling
- (e) Conceptual model
- (f) Internal validity
- (g) Reliability
- (h) Rating scale
- (i) Sampling
- (j) Pre-experimental research

3. (a) Define the following terms :

5×1=5

- (i) Mean
- (ii) Median
- (iii) Mode
- (iv) Standard deviation
- (v) Range

(b) Calculate mean and mean deviation of the following scores obtained by 10 students of 12th Class in Sciences :

10

| <i>S. No.</i> | <i>Marks Obtained</i> |
|---------------|-----------------------|
| 1 | 20 |
| 2 | 34 |
| 3 | 60 |
| 4 | 40 |
| 5 | 45 |
| 6 | 50 |
| 7 | 52 |
| 8 | 64 |
| 9 | 29 |
| 10 | 38 |

PART B

4. Select the correct answer (correct/appropriate alphabet) and write it in your answer sheet :

5×1=5

- (i) In Bloom's Taxonomy, cognitive domain includes all the following *except*
- (a) Comprehension
 - (b) Knowledge
 - (c) Analysis
 - (d) Criticism
- (ii) Characteristics of problem-based learning include all *except*
- (a) Learning is driven by challenging, open-ended, ill-defined and ill-structured problems
 - (b) Students generally work in collaborative groups
 - (c) The teacher takes the role as 'facilitator' of learning
 - (d) The teacher is the authority
- (iii) The type of teaching method where a group of 6 – 8 qualified experts discuss a topic in front of an audience is called
- (a) Workshop
 - (b) Group discussion
 - (c) Symposium
 - (d) Panel discussion
- (iv) A clinical teaching method in which an in-depth study of a case is done to analyse the nursing problem is
- (a) Nursing care plan
 - (b) Nursing care study
 - (c) Nursing care conference
 - (d) Bedside clinic
- (v) Following includes the criteria for writing objectives *except*
- (a) Objectives must be learner-centered
 - (b) Objectives must be achievable and measurable
 - (c) Objectives must be relevant, narrow, vague and precise
 - (d) Objectives must be logical and observable

5. Write briefly about the following :

3×5=15

- (a) Advantages of demonstration as a method of teaching
- (b) Purposes of clinical experience
- (c) Types of educational objectives

PART C

6. Select the correct answer (correct/appropriate alphabet) and write it in your answer sheet :

5×1=5

- (i) Which of the following is a method of inventory control in which items are classified on the basis of speed of consumption cost criteria ?
 - (a) ABC analysis
 - (b) VED analysis
 - (c) HML analysis
 - (d) FSN analysis
- (ii) The system of analysing the relationship between fixed or variable costs is called
 - (a) Cost unit
 - (b) Marginal cost
 - (c) Cost centres
 - (d) Cost analysis
- (iii) The final product of a programme of Job analysis designed to facilitate the recruitment, selection and placement of personnel is
 - (a) Job evaluation
 - (b) Job satisfaction
 - (c) Job specification
 - (d) Job description
- (iv) Internal Audit is done for the following *except*
 - (a) Review internal accounting
 - (b) Review the internal checks and examine financial statements
 - (c) Review compliance with laws and regulations
 - (d) Execution of company activities

- (v) The number of subordinates that an administrator can effectively control and supervise is called
- (a) Delegation of responsibility
 - (b) Centralization
 - (c) Unity of command
 - (d) Span of control

7. Write briefly about the following :

3×5=15

- (a) Principles of Organisation
- (b) Budgeting
- (c) Performance Appraisal

PART D
(Speciality Area)

8. Prepare a nursing care plan based on NANDA classification on any *one* of the following as per your *Speciality Area* :

10

Adult Patient undergoing Dialysis

OR

A Child with Leukaemia

OR

A Schizophrenic Patient

OR

Minor Disorders during Puerperium

OR

Patient with Malaria