



## Hemchandracharya North Gujarat University PHD Exam

Exam Name : HNGU\_PHD\_Nursing\_31.01.2024\_12.00 PM TO 02:00 PM

Exam Date : 2024-01-31

Exam Time : 12:00:00 PM To 02:00:00 PM

Total Marks : 100

**Note : The correct answer is indicated by the green color. સાચો જવાબ લીલા રંગ દ્વારા સૂચવવામાં આવે છે.**

Question List:

Section: Section-A

- What is the first stage of the research process? [ 1 Mark ]
  - Collect and analyse the data
  - Develop and implement the research plan
  - Report the findings
  - **Define the research problem**
- Qualitative approach of research is not concerned with [ 1 Mark ]
  - Subjective assessment of attitudes
  - Opinions and behaviour
  - Subjective assessment of attitudes, opinions and behaviour
  - **None of these**
- A Type I error can occur when the null hypothesis is [ 1 Mark ]
  - **rejected**
  - accepted
  - Depends upon the population
  - None of these
- A hypothesis is a [ 1 Mark ]
  - Law
  - Postulate
  - **Supposition**
  - Canon
- One of the importance of providing reference in your academic assignment is [ 1 Mark ]
  - to show that your ideas are worthy
  - **to distinguish your ideas from others**
  - to persuade the readers
  - None of these
- A review that only demonstrates familiarity with an area is rarely published but it often is part of an educational program is which type of review? [ 1 Mark ]

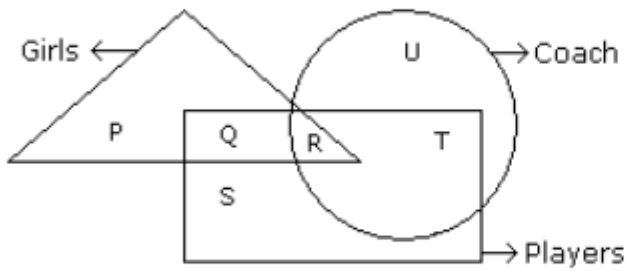
- Integrative reviews
  - Theoretical reviews
  - **Self-study reviews**
  - Historical reviews
- **A research focuses on statistical analysis of numerical data collected through the use of large-scale, survey research, using methods such as questionnaire or structured interview is known as [ 1 Mark ]**
- Fundamental research
  - **Quantitative research**
  - Applied research
  - Qualitative research
- **Illegal use of someone's work without proper citations is known as [ 1 Mark ]**
- **Plagiarizing**
  - Cheating
  - Citing
  - Referencing
- **The purpose of simple linear regression analysis is to: [ 1 Mark ]**
- Replace points on a scatter diagram by a straight line
  - Obtain the expected value of the independent random variable for a given value of the dependent variable
  - **Obtain the expected value of the independent random variable for a given value of the dependent variable**
  - None of these
- **Which of the following is another term for a Hypothesis Test? [ 1 Mark ]**
- Level of significance
  - Test statistic
  - **Test of significance**
  - No tailed test
- **In a thesis, figures and tables are included in [ 1 Mark ]**
- Separate chapter
  - The concluding chapter
  - The text itself
  - **Appendix**
- **How do you find degrees of freedom for a chi-square goodness of fit test? [ 1 Mark ]**
- **One less than the sample size**
  - One less than the population
  - Half of total sample size
  - Twice the total sample size
- **Scientific writing should be [ 1 Mark ]**
- Clear
  - Brief
  - Concise
  - **All of these**
- **Which of the following section is NOT the part of the Research Proposal? [ 1 Mark ]**
- Introduction
  - **Data Analysis**
  - Literature review
  - References
- **What is the standard font size for the research paper? [ 1 Mark ]**
- 11
  - 14
  - **12**

▪ 16

- **What is the range of possible values for the correlation coefficient? [ 1 Mark ]**
  - 0 to 1
  - -1 to 0
  - -10 to 10
  - **-10 to 10**
  
- **Two major types of Descriptive research are [ 1 Mark ]**
  - Observation method and decisional method
  - **Observation method and survey method**
  - Survey method and theoretical method
  - None of these
  
- **When citing a journal article, what is the format for the volume, issue, and pages number? [ 1 Mark ]**
  - **Volume No. (Issue No.) Pages No.**
  - Volume No., Issue No., Pages No.
  - (Volume No.) Issue No., Pages No
  - Volume No., Issue No. (Pages No.)
  
- **What is an appropriate rule for writing three or more than three authors in research paper? [ 1 Mark ]**
  - Lead author's name, comma, etc.
  - Lead author's name, comma, n.d.
  - **Lead author's name, comma, et al.**
  - Lead author's name, comma, ed.
  
- **Which punctuation is used to separate the information in a bibliography entry? [ 1 Mark ]**
  - Comma
  - Exclamation point
  - Quotation mark
  - **Period**
  
- **What is the purpose of the thesis? [ 1 Mark ]**
  - To remind your reader what is your paper is about
  - To hook the reader's attention
  - **To state your opinion or claim and prove it**
  - To use vocabulary words
  
- **Choose the pair that best represents a similar relationship to the one expressed in the original pair of words EXPLORE : DISCOVER [ 1 Mark ]**
  - read : skim
  - **research : learn**
  - write : print
  - think : relate
  
- **Which of the following is found necessarily in milk? [ 1 Mark ]**
  - Cream
  - Curd
  - Water
  - **Whiteness**

- image [ 1 Mark ]

In the following figure triangle represents 'girls', square players and circle-coach. Which part of the diagram represents the girls who are player but not coach?



- P
- Q
- R
- S

- A
- **B**
- C
- D

- What is the maximum number of pieces that a pizza can be cut into by 7 knife cuts? [ 1 Mark ]

- 21
- 42
- 14
- **29**

- A paragraph is a group of [ 1 Mark ]

- Words arranged in logical sequence
- **Sentences arranged in a logical sequence**
- Sentences arrange in any random order
- Words arranged without logical sequence

- Dwarfish is a better word for [ 1 Mark ]

- Huge
- **Small**
- Tall
- None of these

- If today is Monday, then after 61 days the day will be [ 1 Mark ]

- Tuesday
- Thursday
- **Saturday**
- Friday

- Image [ 1 Mark ]

Find the missing number

6	9	15
8	12	20
4	6	?

- a. 20
- b. 10
- c. 15
- d. 25

- A
- **B**
- C
- D

- Which of the following are examples of search engines? [ 1 Mark ]

- Word and Excel
- Internet explorer and Firefox
- **Yahoo and Google**
- Word and PowerPoint

- What type of computer has a main purpose of serving other computers on a LAN? [ 1 Mark ]

- Client
- **Server**
- Computer
- Microcomputer

- What does every formula in MS EXCEL to start with? [ 1 Mark ]

- +
- -
- \*
- =

- Text editors are programs that help us to [ 1 Mark ]

- **Write & edit**
- Listen to music
- Draw a picture
- Play a game

- In MS word, Tables, shapes, images, charts, graphs, header, etc. They are included in the \_\_\_\_\_ category [ 1 Mark ]

- Review
- Home
- **Insert**
- Page Layout

- The child responded to his mother's demands \_\_\_\_\_ throwing a tantrum. [ 1 Mark ]

- with
- **by**
- from
- in

- Choose the correct form for Passive Voice “They make shoes in that factory” [ 1 Mark ]

- Shoes will be made in that factory

- Shoes were made in that factory
  - **Shoes are made in that factory**
  - Shoes are make in that factory
  
- **Which of the following practices is an effective way to avoid plagiarism in research [ 1 Mark ]**
  - **Appropriately citing the sources of all quotations, ideas, or data taken from others**
  - Directly copying and pasting text from an online article without citations
  - Paraphrasing text heavily from an original source without giving credit
  - Citing only direct quotations but not ideas that have been paraphrased
  
- **If the population variance is unknown and the sample size is small, then which test is applicable? [ 1 Mark ]**
  - **t-test**
  - z-test
  - chi-test
  - None of these
  
- **Why do we randomly select our samples? [ 1 Mark ]**
  - to increase bias
  - **to reduce bias**
  - because it's easier
  - None of these
  
- **Which of the following is a small portion of the population used to gather data [ 1 Mark ]**
  - Bias
  - Systematic Sampling Method
  - **Sample**
  - Population
  
- **In what kind of research, the researcher has to use facts or information already available [ 1 Mark ]**
  - **Analytical research**
  - Descriptive research
  - Applied research
  - Distinctive research
  
- **A Blue print of Research work is known a [ 1 Mark ]**
  - Sampling design
  - **Research design**
  - Research hypotheses
  - Research approach
  
- **Title of the thesis must be the same as [ 1 Mark ]**
  - **The title of your synopsis**
  - The title of your research paper
  - Any of previous work in the same field
  - Any of the previous work in another field
  
- **The random error can be assessed [ 1 Mark ]**
  - Empirically
  - **Statistically**
  - Experimentally
  - By performing sensitivity analysis
  
- **The hypothesis that two groups are the same [ 1 Mark ]**
  - Alternative hypothesis
  - Experimental hypothesis
  - Statistical hypothesis
  - **Null hypothesis**
  
- **In how many phases the transaction executed in the validation-based protocol? [ 1 Mark ]**

- 1
  - 2
  - **3**
  - 4
- **If the correlation coefficient is 0, then what we can say [ 1 Mark ]**
    - **No linear relationship**
    - Weak positive correlation
    - Perfect negative correlation
    - Linear relationship
  - **The correlation between time and speed is [ 1 Mark ]**
    - Positive
    - **Negative**
    - Zero
    - Mixed
  - **Simple linear regression requires that the scales of measurement be expressed in either [ 1 Mark ]**
    - Nominal or ordinal
    - Ordinal or ratio
    - **Interval or ratio**
    - Nominal or interval
  - **The z-test is applicable when sample size is greater than [ 1 Mark ]**
    - 20
    - 10
    - 100
    - **30**

### **Section: Section-B**

- **Which test is used to find out the early stage of leprosy [ 1 Mark ]**
  - **Lepromine test**
  - Histamine test
  - Morphological index
  - Bacterial index
- **Milk ejection occurs due to the hormone [ 1 Mark ]**
  - Prolactin
  - estrogen
  - vasopressin
  - **Oxytocin**
- **Every year Global hand washing day is observed on [ 1 Mark ]**
  - 10th October
  - 13th October
  - **15th October**
  - 24th October
- **The condition where the uterus turns inside out is known as [ 1 Mark ]**
  - retroversion
  - prolapse
  - anteversion
  - **inversion**
- **The placenta is developed from [ 1 Mark ]**
  - Epiblast
  - Hypoblast
  - Embryoblast
  - **Trophoblast**

- **The nurse interprets a positive Homans sign as [ 1 Mark ]**
  - **Deep venous thrombosis**
  - Pulmonary embolism
  - Pneumothorax
  - Stroke
  
- **The coordination between the fundal contraction and cervical dilatation is called [ 1 Mark ]**
  - Softening of the uterus
  - Hypertrophy
  - Increased vascularity
  - **Polarity of uterus**
  
- **Increased pulsation is felt through the lateral fornix at 8th week is called [ 1 Mark ]**
  - **Osiander's sign**
  - Chadwick's sign
  - Goodell's sign
  - Piskacek's sign
  
- **Indian MTP act allows abortion only to a period of [ 1 Mark ]**
  - 15 weeks
  - **20 weeks**
  - 28 weeks
  - 12 weeks
  
- **To measure intraocular pressure this procedure is done [ 1 Mark ]**
  - Caloric test
  - Keratometry
  - **Tonometry**
  - Visual acuity test
  
- **Epimenorrhoea is called, [ 1 Mark ]**
  - menorrhagia
  - **polymenorrhoea**
  - metrorrhagia
  - dysmennorrhoea
  
- **Normal umbilical cord contains , [ 1 Mark ]**
  - 1 artery 2 vein
  - **2 arteries 1 vein**
  - 1 artery 1 vein
  - 2 arteries 2 vein
  
- **Infant mortality rate (IMR) can be calculated by estimating the number of deaths per [ 1 Mark ]**
  - 1000 births
  - 1000 population
  - 1000 women
  - **1000 live births**
  
- **According to Erikson “a sense of industry develops during” [ 1 Mark ]**
  - Infancy
  - Toddler period
  - Preschool age
  - **School age**
  
- **In pediatric resuscitation, the ratio between chest compression and ventilation is [ 1 Mark ]**
  - 2:1
  - **3:1**
  - 4:1
  - 5:1



- **The nursing priority of child with acute renal failure is focused on [ 1 Mark ]**
  - **Monitoring the intake and output chart**
  - Health education regarding salt and fluid restriction
  - Giving family support
  - Check blood routine
  
- **APGAR Score 4 – 6 of newborn indicates, [ 1 Mark ]**
  - Severe depression
  - **Mild depression**
  - No depression
  - None of these
  
- **A form of play in which children play adjacent to each other but do not influence the play of other children [ 1 Mark ]**
  - Solitary play
  - Onlooker play
  - **Parallel play**
  - Dramatic play
  
- **Role of pediatric nurse in minimizing loss of control in a hospitalized child include all the following EXCEPT [ 1 Mark ]**
  - Establishing daily schedule in hospital
  - Promoting freedom of movement
  - Encourage self care activities within the limits of child
  - **Helping children to maintain their usual contact**
  
- **The most accurate method of calculating the percentage of burned surface area in children [ 1 Mark ]**
  - Modified rule of nine
  - Palm method
  - **Lund & Browder chart**
  - Rule of three
  
- **.is the back bone of the community health [ 1 Mark ]**
  - **Home visit**
  - Family
  - Economy
  - Individual
  
- **The nurse can identify typical cases of by the sudden onset of profuse, effortless watery diarrhoea followed by vomiting [ 1 Mark ]**
  - **Cholera**
  - Typhoid
  - AIDS
  - Hepatitis B
  
- **The Koplik's spots commonly appear in [ 1 Mark ]**
  - **Measles**
  - Mumps
  - Varicella
  - Smallpox
  
- **Infected dressing discard in which color bag [ 1 Mark ]**
  - yellow
  - blue
  - **red**
  - Black
  
- **The psychiatric nurse should assess the patient's cognitive status with help of [ 1 Mark ]**

- **Mini mental status examination**
  - Rating tool
  - Process recording
  - Advanced technology
- **The side effect of antipsychotics associated with increased level of Creatinine PhosphoKinase (CPK) [ 1 Mark ]**
    - Akathisia
    - Dystonia
    - Tardive dyskinesia
    - **Neuroleptic Malignant Syndrome**
- **Neurotransmitter predominantly important in the pathology and management of anxiety disorders [ 1 Mark ]**
    - Dopamine
    - Serotonin
    - **GABA**
    - Glutamate
- **Live vaccine is, [ 1 Mark ]**
    - DPT
    - Hepatitis - B
    - TT
    - **BCG**
- **Which among the following is the Schneiders First Rank Symptom of Schizophrenia [ 1 Mark ]**
    - Delusion
    - **Somatic passivity**
    - Ambivalence
    - Asociality
- **Uncoordinated movement of the extremities in a patient with a traumatic brain injury is term as [ 1 Mark ]**
    - **Ataxia**
    - Apraxia
    - dystonia
    - Dyskinesia
- **Which of the following is known as good cholesterol [ 1 Mark ]**
    - LDL
    - VLDL
    - **HDL**
    - Triglyceride
- **Normal therapeutic range of serum digoxin is [ 1 Mark ]**
    - 0.2 – 0.5 ng/ml
    - **0.5- 2.2 ng/dl**
    - 2.2 – 3 ng/dl
    - 3 – 4 ng/dl
- **Common side effect of nitroglycerin include, [ 1 Mark ]**
    - High blood pressure
    - **Head ache**
    - Shortness of breath
    - constipation
- **Removal of an entire lung is called as [ 1 Mark ]**
    - lobectomy
    - **pneomectomy**
    - segmental resection
    - wedge resection

- **In post burn patient true is [ 1 Mark ]**
  - Hypokalemic alkalosis
  - Hyperkalemic alkalosis
  - **Hyperkalemic acidosis**
  - Hypokalemic acidosis
  
- **Which of the following viral infection cause kaposi's sarcoma, [ 1 Mark ]**
  - **Human herpes virus [HHV8]**
  - Cytomegalovirus
  - Rota virus
  - Human papilloma virus
  
- **Pink puffer is known as [ 1 Mark ]**
  - COPD
  - ARDS
  - Chronic obstructive bronchitis
  - **Emphysema**
  
- **Chart that used to represent the family history of diseases [ 1 Mark ]**
  - Flow chart
  - Cartogram
  - Tree chart
  - **Pedigree chart**
  
- **Length of male urethra is, [ 1 Mark ]**
  - 4 cm
  - 10 cm
  - 15 cm
  - **20 cm**
  
- **Fracture of distal radius is called, [ 1 Mark ]**
  - Hume fracture
  - Monteggia fracture
  - Galeazzi fracture
  - **Colis fracture**
  
- **What is the cause of nephrogenic diabetes incipidus [ 1 Mark ]**
  - idiopathic
  - post head injury
  - **genetic**
  - histiocytosis
  
- **Highest level of psychomotor domain of educational objective [ 1 Mark ]**
  - Mechanism
  - Adaptation
  - Guided response
  - **Origination**
  
- **Which of the following is caused by hypoparathyroidism [ 1 Mark ]**
  - High serum calcium
  - **Low serum calcium**
  - High serum potassium
  - Low serum potassium
  
- **The tumor of the hyaline cartilage is called, [ 1 Mark ]**
  - osteochondroma
  - osteosarcoma
  - **enchondroma**
  - chondro sarcoma

- **Knee joint is example of which of the following joint, [ 1 Mark ]**
  - Ball and socket
  - **Hinge joint**
  - Pivot joint
  - Saddle joint
  
- **What is the full explanation of ATLS, [ 1 Mark ]**
  - **Advanced trauma life support**
  - Advanced tertiary life support
  - Advanced trauma life salvage
  - Advanced tertiary long term safety
  
- **Compression to ventilation ratio during two rescuers child /infant CPR is, [ 1 Mark ]**
  - 15:1
  - **15:2**
  - 30:1
  - 30:2
  
- **Wilms tumor is associated with [ 1 Mark ]**
  - Polycystic kidney
  - **Renal dysplasia**
  - Renal hypoplasia
  - Horseshoe kidney
  
- **Decrease glucose in CSF Suggestive of [ 1 Mark ]**
  - **Bacterial meningitis**
  - Viral meningitis
  - Brain abscess
  - encephalitis
  
- **Surgical fusion of the joint is known as [ 1 Mark ]**
  - **arthrodesis**
  - arthroplasty
  - arthrotomy
  - nailing