



## **Hemwati Nandan Bahuguna Uttarakhand Medical Education University**

Administrative Block, Govt. Doon Medical College Campus, Dehradun,  
Patel Nagar, Dehradun - 248001

Phone: 0135 - 2723323 Fax: 0135 - 2723323

Website: [www.hnbumu.ac.in](http://www.hnbumu.ac.in) E-mail: [info.hnbumu@gmail.com](mailto:info.hnbumu@gmail.com)

### **Ph.D. ENTRANCE EXAMINATION - 2020**

Subject : Nursing

Hours: 01:30 Hrs.

Date : 06.01.2020

Place : Dehradun

Max Marks: 60

Student Name:

Invigilator Name:

Signature:

Signature:

1. In putting sterile gloves, Which should be gloved first?
  - a. The dominant hand
  - b. The non dominant hand
  - c. The left hand
  - d. No specific order, Its up to the nurse for her own convenience
  
2. The suggested time per hand on hand washing using the time method is
  - a. 5 to 10 seconds each hand
  - b. 10 to 15 seconds each hand
  - c. 15 to 30 seconds each hand
  - d. 30 to 60 seconds each hand
  
3. The theorist who advocated that health is the ability to maintain dynamic equilibrium is
  - a. Bernar
  - b. Selye
  - c. Cannon
  - d. Rogers
  
4. The third period of infectious processes characterized by development of specific signs and symptoms
  - a. Illness period
  - b. Incubation period
  - c. Prodromal period
  - d. Convalescent period
  
5. Self-monitoring of blood glucose for diabetic clients is on what level of prevention?
  - a. Primary
  - b. Secondary
  - c. Tertiary
  - d. None of the above
  
6. Comprehensive, individualized care provided by the same nurse throughout the period of care refers to :
  - a. Team nursing
  - b. Primary nursing
  - c. Home Health Nursing
  - d. Critical Care Nursing
  
7. Which of the following statement is TRUE about pulse?
  - a. Males have higher pulse rate than females after puberty
  - b. Young person have higher pulse than older persons
  - c. In lying position, Pulse rate is higher
  - d. Pulse rate decreases during exercises

8. A type of heat loss that occurs when the heat is dissipated by air current
- Convection
  - Conduction
  - Radiation
  - Evaporation
9. John has a fever of 39.5 degrees 2 days ago, But yesterday, he has a normal temperature of 36.5 degrees. Today, his temperature again surges to 40 degrees. What type of fever is he having?
- Relapsing
  - Intermittent
  - Remittent
  - Constant
10. The primary factor responsible for body heat production is the:
- Metabolism
  - Release of thyroxin
  - Muscle activity
  - Stress
11. In palpating the client's abdomen, which of the following is the best position for the client to assume?
- Side lying
  - Supine
  - Lithotomy
  - Dorsal recumbent
12. A type of educational assessment which is generally carried out throughout a course or project is:
- Summative assessment
  - Formative assessment
  - Criterion-referenced assessment
  - Normal assessment
13. Which method is used to develop scientific inquiry among learners?
- Project
  - Case study
  - Problem solving
  - Simulation

14. Demonstration method help to achieve which of the following objective?
- Cognitive
  - Affective
  - Psychomotor
  - Observation
15. Which of the following method where subject matter is brocken down into small frames and arranged sequentially?
- Simulation
  - Programmed Instructions
  - Lecture
  - Demonstration
16. Scientific management theory was developed by:
- Max weber
  - Frederick Taylor
  - Adam smith
  - Renislikert
17. Collaboration in providing care to a group of patients by a group of nursing personnel under the direction of a professional nurse is:
- Case method.
  - Primary method.
  - Team method.
  - Modular method
18. Which of the following involves all the assessment methods that occur after the patient has been discharged :
- Concurrent evaluation.
  - Auditing.
  - Retrospective evaluation.
  - Quality assurance.
19. Manager stresses the need for all the employees to follow orders and instructions from him and not from anyone else. Which of the following principles does he refer to?
- Scalar chain
  - Discipline
  - Unity of command
  - Order
20. Ramdas orients his staff on the patterns of reporting relationship in the organization. Which of the following principles refer to this?
- Span of control
  - Hierarchy
  - Esprit d' corps
  - Unity of direction

21. Quality council of India sponsored accreditation system for hospitals and health care providers is:
- NABH
  - Joint commission international
  - BIS
  - NABET
22. Manager asserts the importance of promoting a positive organizational culture in their unit. Which of the following behaviors indicate that this is attained by the group?
- Proactive and caring with one another
  - Competitive and perfectionist
  - Powerful and oppositional
  - Obedient and uncomplaining
23. Finding the most cost effective way doing a project
- Network analysis
  - System analysis
  - Cost analysis
  - Field analysis
24. In the value: 80, 81, 82, 90, 90,100, 102. What is the mode?
- 80
  - 82
  - 90
  - 85
25. A parametric statistical test for analyzing the difference between two means is called:
- ANOVA
  - t-test
  - Standard deviation
  - Chi square
26. You are interested to study the effects of medication and tactile stimulation on the pain experienced by the cancer patients. What type of variable is pain?
- Dependent
  - X Variable
  - Independent
  - Interdependent
27. Which of the following studies is based on the qualitative research?
- A study examining client's reaction to stress after open heart surgery
  - A study measuring weight loss/gain in clients with cancer
  - A study examining oxygen levels after endotracheal suctioning
  - A study measuring differences in blood pressure before, during and after A procedure.

28. Which of the following design is best suited for a Study for the development of a new tool to measure intelligence by creating a 100 item questionnaire?
- Historical
  - Methodological
  - Survey
  - Case study
29. The process of selecting a portion of the population to represent the entire population.
- Subset
  - Delimitation
  - Sampling
  - Categorizing
30. A nurse is assisting a physician with the removal of a chest tube. The nurse most appropriately instructs the client to:
- Stay very still
  - Inhale and exhale quickly
  - Exhale slowly
  - Perform Valsalva's maneuver
31. Which substance has the most significant effect on sodium regulation?
- Renin level
  - Aldosterone level
  - GFR
  - Serum pH
32. The nurse should realize that the angina pectoris is a sign of:
- Mitral insufficiency
  - Myocardial infarction
  - Myocardial ischemia
  - Coronary thrombosis
33. When teaching Mr. Layag, who has been placed on a high-unsaturated fatty acid diet, the nurse should stress the importance of increasing the intake of:
- Enriched whole milk
  - Red meats, such as beef
  - Vegetables and Whole Grains
  - Liver and other glandular organ meals
34. Which of the conditions is an early symptoms commonly seen in Myasthenia Gravis?
- Dysphagia
  - Fatigue improving at the end of the day
  - Ptosis
  - Respiratory Distress

35. Which of the following statements best describes the Parkinson's Disease?

- a. Loss of myelin sheath surrounding peripheral nerves
- b. Degeneration of the substantianigra; depleting dopamine
- c. Bleeding into the brain stem, resulting in meter dysfunction
- d. An autoimmune disorder that destroys acetylocholine receptors

36. Schizophrenia characterized by phases of stupor or excitement

- a. Simple Schizophrenia
- b. Paranoid Schizophrenia
- c. Hebephrenic Schizophrenia
- d. Catatonic Schizophrenia

37. In a client with alcohol abuse, Korsakoff's psychosis may be caused due to deficiency of:

- a. Vitamin A
- b. Niacin
- c. Thiamine
- d. Vitamin C

38. The technique of exposing a client to fear producing sensation in a gradual manner is called:

- a. Biofeedback
- b. Imaging
- c. Relaxation technique
- d. Systematic desensitization

39. A client with Paranoid Schizophrenia is expected to present with:

- a. Anger, auditory hallucination, persecutory delusion
- b. Abnormal motor activity, frequent posturing, autism
- c. Flat affect, anhedonia, alogia
- d. Silly behavior, poor personal hygiene, incoherent speech

40. SSRI's may cause:

- a. Gastro-intestinal upset
- b. Hypertensive crisis
- c. Neuromuscular effects
- d. Urinary retention

41. Neuroleptic Malignant syndrome can occur due to side effect of:

- a. Anti anxiety
- b. Anti depressants
- c. Anti Psychotics
- d. Anti Parkinson

42. Write assessing a child with pyloric stenosis, the nurse is likely to note which of the following?
- Regurgitation
  - Steatorrhea
  - Projectile vomiting
  - “currant jelly “ stools
43. Discharge teaching for a child with celiac disease would include instructions about avoiding which of the following
- Rice
  - Milk
  - Wheat
  - Meat
44. I.C.D.S. scheme was started in which year:
- 1965
  - 1970
  - 1975
  - 1985
45. What is the genetic etiology of cystic fibrosis?
- Autosomal dominant.
  - Autosomal recessive.
  - Y chromosome linked.
  - Spontaneous mutation.
46. A newborn’s failure to pass meconium within the first 24 hours after birth may indicate which of the following
- Hirschsprung disease
  - Celiac disease
  - Intussusception
  - Hernia
47. According to National immunization schedule, Inactivated Polio Vaccine is a new initiative. When you are supposed to give the dose of IPV?
- along with Measles
  - along with BCG
  - along with typhoid
  - along with third dose of OPV
48. New cases in a community during a fixed period is determined by:
- Incidence Rate
  - Prevalence Rate
  - Endemic rate
  - Epidemic rate
49. The first time interval between the invasion by an infectious agent and appearance of the first signs and symptoms of the disease:
- Latent period
  - Quarantine
  - Incubation period
  - Termination period



50. Study which proceed from effect to cause is:

- a. Cohort
- b. Case control
- c. Ecological
- d. Experimental

51. A sub centre in a hilly area caters to a population of :

- a. 1000
- b. 2000
- c. 3000
- d. 5000

52. Floating tip of the iceberg represents

- a. Clinical cases
- b. Apparent cases
- c. Latent cases
- d. Undiagnosed cases

53. The diseases notifiable to the WHO under the International Regulation Act are all except:

- a. Cholera
- b. Plague
- c. Yellow Fever
- d. Diphtheria

54. Common cause of mid trimester abortion is:

- a. Infection
- b. Cervical incompetence
- c. Congenital anomalies in foetus
- d. Hormonal imbalance in mother

55. Which of the following is a positive sign of pregnancy?

- a. Amenorrhoea
- b. Urinary frequency
- c. Breast tenderness
- d. Fetus seen on ultrasound

56. Extra calorie intake recommended for lactating mothers is:

- a. 300 Kcal/day
- b. 400 Kcal/day
- c. 550 Kcal/day
- d. 800 Kcal/day

57. Intake of which of the following can prevent neural tube defect?

- a. Folic acid
- b. Thiamine
- c. Niacin
- d. Riboflavin

58. Which of the following is an abnormal finding in normal pregnancy?
- Fundus at umbilicus at 36 weeks
  - Fundus at xiphisternam at 36 weeks
  - Mother felt quickening at 18 wkks
  - Fundal height increases 4 cm per week after 24 weeks
59. Development of specific antibody in an Rh-negative woman carries an Rh-positive baby is:
- Antiimmunization
  - Isoimmunization
  - Isometricity
  - Antigenesity
60. What is the effect if hypothyroidism on BMR?
- BMR Increases
  - BMR Decreases
  - BMR unchanged
  - BMR initially increases but later decreases