

يتكون هذا الاختبار من (100) سؤال موضوعي من نوع الاختيار من متعدد، الإجابة عنها إجبارية. ظلل بقلم الرصاص بشكل غامق الدائرة التي تشير إلى الإجابة الصحيحة في المكان المخصص لذلك في نموذج الإجابة المرفق.

Microbiology

1. **Bacteria whose cell wall retains crystal violet after decolorization with alcohol are classified as:**

a- Acid fast	b- Gram positive
c- Gram negative	d- Spirochetes
2. **Selective permeability is the function of :**

a- Capsule	b- Spores
c- Cell wall	d- Cytoplasmic membrane
3. **All of the following bacteria are found intracellularly (within pus cells) except:**

a- <i>Neisseria gonorrhoea</i>	b- <i>E. coli</i>
c- <i>Neisseria meningitidis</i>	d- <i>Chlamydia trachomatis</i>
4. **The antibody that neutralizes viruses and toxin is :**

a- Ig A	b- Ig D
c- Ig G	d- Ig E
5. **All of the followings are classified as dermatophytes except:**

a- Epidermphyton	b- Microsporium
c- Trichophyton	d- <i>Candida albicans</i>
6. **Human is not a definitive host to:**

a- <i>Entamoeba histolytica</i>	b- <i>Toxoplasma gondii</i>
c- <i>Giardia lamblia</i>	d- <i>Trypanosoma Gruzi</i>
7. **Which type of hypersensitivity is participated in asthma :**

a- Cytotoxic	b- Immune complex
c- Delayed type	d- Immediate type
8. **The sterilization in hot air oven performed at :**

a- 160 C° for 10 min	b- 160 C° for 45- 60 min
c- 121 C° for 15-30 min	d- 121 C° for 10 min
9. **Bacterial cell death is balanced by the formation of new cells which occurs in :**

a- Lag phase	b- Exponential phase
c- Maximum stationary phase	d- Decline phase
10. **Infective stage in *Lieshmania* is:**

a- Cyst	b- Trophozoites
c- Larva	d- worm
11. **The presence of Negri bodies in the host cell is a characteristic of:**

a- Aseptic meningitis	b- Infectious mononucleosis
c- Mumps	d- Rabies
12. **A yeast acquired by inhalation that causes meningitis primarily in immuno compromised patients:**

a- <i>Gryptococcus neoformans</i>	b- <i>Candida albicans</i>
c- <i>Aspergillus fumigatus</i>	d- <i>Histoplasma capsulatum</i>
13. **A child has been diagnosed as having chicken pox. The causative agent of this disease is:**

a- Epstein Barr Virus	b- Varicella – zoster Virus
c- Cytomegalovirus	d- Herpes Simplex type 1
14. **Which of the following diseases is not prevented by vaccine:**

a- Diphtheria	b- Tonsillitis
c- Whooping cough	d- Tetanus

- 15. Which statement correctly describes the genus Chlamydia:**
- a- Classified as viruses
 - b- Do not contain both DNA and RNA
 - c- Obligate intracellular bacteria
 - d- Smallest free –Living organisms
- 16. Pulmonary tuberculosis is transmitted by:**
- a- Contaminated blood products
 - b- Contact with contaminated inanimate objects
 - c- The Fecal - Oral route
 - d- Droplets
- 17. The infection of burns and wounds is often associated with:**
- a- Salmonella
 - b- Pseudomonas
 - c- Haemophilus
 - d- Mycobacteria
- 18. The power of bacteria to invade tissues is due to the following:**
- a- Hyaluronidase
 - b- Hemolysin
 - c- Leukocidin
 - d- Pili
- 19. The following antibiotic act by inhibiting RNA synthesis:**
- a- Rifampicin
 - b- Pencillin
 - c- Tetracycline
 - d- Sulfonamides
- 20. Subacute bacterial endocarditis is diagnosed by:**
- a- Throat swab
 - b- Nasopharyngeal swab
 - c- Blood culture
 - d- Blood film

Foundation of nursing

- 21. Which of the following is the most accessible and convenient method for temperature taking?**
- a- Oral
 - b- Rectal
 - c- Tympanic
 - d- Axillary
- 22. Which of the following is an example of a subjective data?**
- a- Heart rate of 68 beats per minute.
 - b- Yellowish sputum
 - c- Client verbalized " I feel pain when urinating. "
 - d- Noisy breathing
- 23. Which of the following is the most important purpose of hand washing?**
- a- To promote hand circulation
 - b- To prevent the transfer of microorganism
 - c- To avoid touching the client with dirty hands
 - d- To provide comfort
- 24. Which of the following conditions may require fluid restriction?**
- a- Fever
 - b- Bronchial asthma
 - c- Renal failure
 - d- Dehydration
- 25. Which of the following procedures always requires surgical asepsis?**
- a- Colostomy irrigation
 - b- Vaginal instillation of estrogen
 - c- Nasogastric tube insertion
 - d- Urinary catheterization

- 26. What should be done in order to prevent contaminating of the environment in bed making?**
- a- Avoid fanning solid linens
 - b- Strip all linens at the same time
 - c- Finish both sides at the time
 - d- Embrace solid linen
- 27. Which of the following techniques of physical exam involves the sense of sight?**
- a- Inspection
 - b- Palpation
 - c- Percussion
 - d- Auscultation
- 28. What does the term gavage indicate?**
- a- Visual examination of the stomach
 - b- Irrigation of the stomach with a solution
 - c- A surgical opening through the abdomen to the stomach
 - d- Administration of a liquid feeding into the stomach
- 29. What is the most common inexpensive oxygen delivery system?**
- a- Nasal cannula
 - b- Venturi mask
 - c- Face mask
 - d- Transtracheal oxygen delivery
- 30. Which of the following is defined as a painful sensation perceived in a body part that is missing?**
- a- Phantom pain
 - b- Neuropathic pain
 - c- Intractable pain
 - d- Radiated pain
- 31. Which one is an open ended question during data collection from the client by interview?**
- a- How old are you?
 - b- How many children do you have?
 - c- Are you having pain now?
 - d- What would you like to talk about your disease?
- 32. How much is the urinary output for adult per day?**
- a- 1400-1500 ml
 - b- 350-400 ml
 - c- 200-350 ml
 - d- 100-200ml
- 33. What is the most serious problem arising from severe diarrhea?**
- a- Constipation
 - b- Bowel incontinence
 - c- Fluid and electrolytes loss
 - d- Flatulence
- 34. What does t.i.d abbreviation used in medication order mean?**
- a- Twice a day
 - b- Four times a day
 - c- Three times a day
 - d- Every other day
- 35. What does the movement of the bone away from the midline of the body called?**
- a- Extension
 - b- Abduction
 - c- Adduction
 - d- Rotation
- 36. What is the preferred site for intramuscular injection (I.M) for adult client?**
- a- Vastus lateralis muscle
 - b- Gluteal muscle
 - c- Deltoid muscle
 - d- Abdocent muscle
- 37. Which of the following terms describes the difference between the systolic and diastolic pressure?**
- a- Apical rate
 - b- Cardiac rate
 - c- Pulse deficit
 - d- Pulse pressure

- 38. Constipation is a common problem for immobilized patient's because of:-**
- a- Decreased peristalsis & positional discomfort
 - b- An increased defecation reflex
 - c- Decreased tightening of the anal sphincter
 - d- Increased colon motility
- 39. Which element in the circular of infection can be eliminated by preserving skin integrity?**
- a- Reservoir
 - b- Mode of transmission
 - c- Host
 - d- Portal of entry
- 40. Which of the following is the appropriate route of administration for insulin?**
- a- Intramuscular
 - b- Intravenous
 - c- Subcutaneous
 - d- Intradermal

Pharmacology

- 41. Which one of the following hormones is secreted from posterior lobe of pituitary gland, cause milk ejection and contraction of uterus?**
- a- Prolactin
 - b- Oxytocin
 - c- Vasopressin
 - d- Follicular stimulating hormone
- 42. How does nitrate drug relieve anginal pain ?**
- a- Preventing calcium influx
 - b- Causing coronary vasodilation
 - c- Blocking beta receptors
 - d- Slowing heart rate
- 43. Stomach irritation (bleeding) is a most side effects of :**
- a- Aspirin
 - b- Mercaptopurine
 - c- Tomoxifine
 - d- Gentamycin
- 44. What is the drug of choice for amebiasis ?**
- a- Digoxin
 - b- Metronidazole (flagyl)
 - c- Acetylcholine
 - d- Prostaglandine
- 45. Which one of the following is a drug of choice of gout treatment?**
- a- Colchicine
 - b- Allopurinol
 - c- Probenecid
 - d- Sulfinpyrazone
- 46. What is the classification of Lactulose (duphalac)?**
- a- Bulk purgative
 - b- Osmotic purgative
 - c- Stool softener
 - d- Stimulant purgative
- 47. What is the action of phenergan?**
- a- Antihistamine
 - b- Antimalaria
 - c- Antituberculosis
 - d- Anti-inflammatory
- 48. Which of the following is used in the treatment of congestive heart failure to strengthen the contractility of the heart muscle?**
- a- Digoxin
 - b- Lasix
 - c- Isordol
 - d- Capotin
- 49. Which one of the following antihypertensive drugs act to reduce the force of the heart beat?**
- a- Beta blockers
 - b- ACE inhibitors
 - c- Diuretics
 - d- Vasodilators

- 62. Chronic obstructive pulmonary disease include _____ :**
- a- Chronic bronchitis, Asthma and Emphysema
 - b- Acute bronchitis, asthma and Emphysema
 - c- Chronic bronchitis, Asthma and Emphyema
 - d- Acute bronchitis, asthma and Emphyema
- 63. What is the ideal method of preventing pulmonary embolism post operative?**
- a- Early ambulation of bed rest client
 - b- Increase stasis of blood in extremities
 - c- Wearing a constricting clothing
 - d- Sitting and crossing the leg
- 64. What is the major goal of treating a patient with Angina?**
- a- Fluid and electrolytes balance
 - b- Relief of pain
 - c- Stability of neurologic status
 - d- Restriction of cardiac out put
- 65. Which one of the following instructions is incorrect regarding patient education about oral anticoagulant?**
- a- Take the drug at the same time each day
 - b- Take other medication such as Aspirin to enhance effect of drug
 - c- Contact personal physician prior to dental extraction
 - d- Report immediately to the physician any abnormalities
- 66. What is Leukemia?**
- a- Increased concentration of red blood cell
 - b- White blood cell number fewer than normal
 - c- The erythrocytes have a shortened life span
 - d- unregulated proliferation of white cells in the bone marrow
- 67. Which one of the following is a complication of Peptic Ulcer?**
- a- Hemorrhage
 - b- Steatorrhea
 - c- Gastric cancer
 - d- Pyloric obstruction
- 68. Which one of the following is correct regarding Ulcerative Colitis?**
- a- An inflammatory disease of the colon & rectum
 - b- Manifested by constipation
 - c- Low protein diet
 - d- Well- balanced, high – residue diet
- 69. Which one of the following is not a risk factor for Cancer of the Colon?**
- a- Age – below 40
 - b- Family history of colon cancer
 - c- History of rectal polyps
 - d- Personal history of chronic inflammatory bowel disease

- 70. Which one of the following is an appropriate nursing intervention for patient with impending Hepatic Coma?**
- a- Fluid intake & out put every other day
 - b- Body weight every other day
 - c- Daily record of neurological status
 - d- Serum ammonia level is monitored weekly
- 71. What is the mode of transmission of hepatitis A?**
- a- Feco-oral route
 - b- Prenatal transmission
 - c- Parenterally
 - d- Blood transfusion
- 72. Which one of the following nursing intervention is incorrect regarding care of patient with Liver Cirrhosis?**
- a- Serve high protein, high caloric diet
 - b- Increase sodium intake
 - c- Encourage rest
 - d- Avoid trauma
- 73. Which one of the following is an acute complication of Diabetes Mellitus?**
- a- Retinopathy
 - b- Neuropathy
 - c- Diabetic Ketoacidosis
 - d- Nephropathy
- 74. Which one of the following nursing interventions is incorrect regarding post operative care of patient with Thyroidectomy?**
- a- Position him in semi-fowler with head elevated & supported by pillows
 - b- Check the surgical dressing periodically
 - c- Let him to talk as much as possible
 - d- Give him narcotic as prescribed
- 75. What is the appropriate nursing intervention to maintain adequate fluid & nutritional intake for a patient with acute Pancreatitis?**
- a- Eat food high in carbohydrate & low in fat & protein
 - b- Eat food low in carbohydrate & high in fat & protein
 - c- Report nausea & vomiting
 - d- Avoid alcohol intake
- 76. What is the most common complication of peritoneal dialysis?**
- a- Low serum albumin
 - b- Peritonitis
 - c- Constipation
 - d- Bleeding
- 77. Which one of the following is not correct regarding clinical manifestation of Systemic Lupus Erythematosus?**
- a- Weight gain
 - b- Extreme fatigue
 - c- Joint inflammation
 - d- Butterfly rash of the face

78. Which of the following is the main priority of nurse when caring for a patient with hemiplegia?

- a- Educating the patient
- b- Providing a safe environment
- c- Promoting a positive self-image
- d- Helping the patient accept the illness.

79. What is Multiple Sclerosis?

- a- A chronic progressive disease of central nervous system
- b- A cute progressive disease of central nervous system
- c- Progressive neurological disorder affecting the brain center
- d- Disorder affecting neuromuscular transmission of voluntary muscle

80. What is the definition of Fracture?

- a- A muscle pull or over stretching
- b- A break in the continuity of bone
- c- An injury to ligament surrounding a joint
- d- A dislocation of a joint

Nursing Care of Children

81. Which one of the following is not a role of pediatric nurse?

- a- Illness prevention
- b- Health promotion
- c- Disease diagnosis
- d- Health teaching

82. Apgar scoring measures the development of _____ of newborn:

- a- Physical status
- b- Neurological status
- c- Gestational age
- d- Coping ability

83. At what age does an infant typically triple their body weight?

- a- At 12 months
- b- At 6 months
- c- At 9 months
- d- At 18 months

84. When does an infant anterior fontanel typically close?

- a- Between 6 – 8 months of age
- b- Between 12 – 18 months of age
- c- Between 22 – 24 months of age
- d- Between 9 – 10 months of age

85. Which one of the following is a clinical manifestation of caput succedaneum?

- a- ill – defined, soft, non fluctuant mass
- b- Hematoma between periosteum and skull bone
- c- Edema of soft scalp tissue
- d- Onset : within 72 hours

- 86. What is the clinical manifestation of prematurity?**
- a- Head smaller in relation to body
 - b- Absence of lanugo
 - c- Very small appearance, lax manipulated joints
 - d- Abundant scalp hair
- 87. Which one of the following is abnormal finding of full term newborn?**
- a- Head circumference is 33 – 35.5 cm
 - b- Average length is 50 cm
 - c- Mouth: intact high arched palate
 - d- Respiratory rate is about 12 – 25 breath /minute
- 88. What is the nursing intervention that is used to prevent infection in child with congenital heart disease?**
- a- Feed infant slowly
 - b- Encourage quiet games
 - c- Encourage child to eat
 - d- Avoid contact with infected persons
- 89. While assessing a child with pyloric stenosis, the nurse is likely to note which of the following?**
- a- Regurgitation
 - b- Steatorrhea
 - c- Projectile vomiting
 - d- Diarrhea
- 90. What is the priority nursing diagnosis for a child following tonsillectomy?**
- a- Altered urinary elimination
 - b- Risk for aspiration
 - c- Altered nutrition
 - d- Impaired communication
- 91. Which one of the following is appropriate position for a child with a cleft lip post operatively?**
- a- Prone
 - b- Supine
 - c- Lying on side
 - d- Semi sitting
- 92. How is cystic fibrosis diagnosed?**
- a- Pulmonary function test
 - b- Sweet chloride test
 - c- IgE test
 - d- CBC test
- 93. What is the priority nursing intervention for children with gastroenteritis?**
- a- Antibiotics agent
 - b- Anti diarrheal agent
 - c- Fluid rehydration therapy
 - d- Antispasmodic agent
- 94. What is the priority nursing intervention related to celiac disease?**
- a- Family education regarding gluten free diet
 - b- Early treatment of infection
 - c- Dental care
 - d- Psychological support

- 95. Which one of the following the nurse expect to note for a child with congenital heart disease?**
- a- Bleeding tendencies
 - b- Easily fractured bone
 - c- Seizure disorder
 - d- Susceptibility to respiratory infection
- 96. Which one of the following is a cause of Kwashiorkor?**
- a- general malnutrition of both calories and protein
 - b- deficiency of protein with an adequate supply of calories
 - c- milk allergy and milk intolerance
 - d- gluten – sensitivity
- 97. Which one of the following is not related to chickenpox?**
- a- Causative agent is Varicella Zoster
 - b- Transmitted through direct contact, droplet spread
 - c- Incubation period is 4 – 6 weeks
 - d- Period of communicability is one day before eruption of lesion
- 98. What Is the principle symptom of Pinworms in children?**
- a- Restlessness
 - b- Intense perianal itching
 - c- Poor sleep
 - d- Bed wetting
- 99. What is the causative organism of acute epiglottitis in children?**
- a- Para influenza
 - b- *Hemophilus influenzae*
 - c- Group A beta hemolytic *Streptococci*
 - d- Group B *Streptococci*
- 100. Which one of the following is the priority nursing diagnosis in child with Croup?**
- a- Altered family process related to situational crises
 - b- Ineffective breathing pattern related to obstructed air way
 - c- Potential for suffocation related to air way obstruction
 - d- Anxiety / fear related to difficulty breathing

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