

ENTRANCE EXAM

Ref. No.: _____

Group: **Nursing**

Course: **Basics of Nursing**

Year of enrollment: 20__/__

Date: _____

Notes:

- there is **only one correct option** under each number
- the correct option has to be marked by rounding the letter in front of it with a pen
- no point will be assigned if no option is rounded or more than one offered options are rounded
- maximum anticipated test time is 1 hour

01. Normal body temperature is:

- a. below 35°C
- b. 35-36°C
- c. **36-37°C**
- d. 37-38°C
- e. over 38°C

02. To sterilize the air in the operating theatre, UV lamps should be on for:

- a. 2-4 hours
- b. 6-12 hours
- c. **12-18 hours**
- d. 16-22 hours
- e. 24-48 hours

03. The neutral pH value is:

- a. 0
- b. 3
- c. **7**
- d. 9
- e. 13

04. Anaphylactic reaction develops at:

- a. first ingestion of antigen into the body
- b. **repeated ingestion of antigen into the body**
- c. solely intramuscular administration of drugs
- d. solely per os administration of drugs
- e. solely rectal administration of drugs

05. Intramuscular drug application denotes drug taking:

- a. sublingually
- b. by inhaling
- c. cutaneously
- d. **into the muscles**
- e. intravenously

06. Infusion administration is:

- a. enteral
- b. epicutaneous
- c. sublingual
- d. per os
- e. **parenteral**

07. Glucose belongs to a broad group of:

- a. carbohydrates - polysaccharides
- b. carbohydrates - disaccharides

- d. lipids
 - e. proteins
- 08. A visible and healthy vein is:**
- a. inelastic and insufficiently filled
 - b. elastic and well filled
 - c. soft when palpated
 - d. strong and stiff when palpated
 - e. none of the offered answers
- 09. Hypothermia is:**
- a. a state of increased blood pressure
 - b. a state of low blood pressure
 - c. a state of increased body temperature
 - d. a state of normal body temperature
 - e. a state of low body temperature
- 10. Bleeding is stopped by:**
- a. aspiration bandage
 - b. immobilization bandage
 - c. compression bandage
 - d. support bandage
 - e. active bandage
- 11. Hemoptysis is:**
- a. presence of blood in vomited content
 - b. coughing up of larger quantities of light red foamy blood
 - c. coughing up of small quantities of blood in the form of streaks
 - d. presence of blood in urine
 - e. presence of blood in stool
- 12. The normal value of the systolic blood pressure is:**
- a. 140-160 mmHg
 - b. 120-140 mmHg
 - c. 100-120 mmHg
 - d. 80-100 mmHg
 - e. 60-80 mmHg
- 13. Iron objects are sterilized:**
- a. in autoclave
 - b. in dry heat sterilizer
 - c. by ionizing radiation
 - d. by boiling
 - e. with ethylene-oxide
- 14. Endogenous factors in the development of decubitus are:**
- a. poor patient diet
 - b. wrinkled underwear
 - c. wrinkled bed sheets
 - d. diabetes, heart and kidney conditions
 - e. soggy bed sheets
- 15. Disinfection chemical substances are:**
- a. hydrogen and rivanol
 - b. electromagnetic radiation
 - c. flame and warm water
 - d. air and heat
 - e. UV and IR radiation
- 16. Human body height is measured with:**

- a. thermometer
 - c. stature meter
 - d. spectrometer
 - e. colorimeter
- 17. Increased saliva production is called:**
- a. hypertrophia
 - b. hypersiderosis
 - c. hypertension
 - d. hypersalivation
 - e. hyperglycemia
- 18. Hyposthenuria occurs due to:**
- a. increased renal concentrating power
 - b. presence of proteins in urine
 - c. intensified sweating, vomiting and diarrhea
 - d. reduced fluid intake
 - e. increased fluid intake
- 19. Tachypnea is:**
- a. rapid heart rate
 - b. slow heart rate
 - c. normal heart rate
 - d. rapid breathing rate
 - e. normal breathing rate
- 20. Measuring residual urine quantity with catheterization after urinating is used to determine:**
- a. urinary retention
 - b. urinary incontinence
 - c. renal insufficiency
 - d. urinary system infaction
 - e. urinary bladder inflammation
- 21. When taking patient' fluids for bacteriological tests, the nurse:**
- a. needn't take care of hygiene
 - b. has to have neatly combed hair
 - c. is required to wear disposable gloves
 - d. needs to have make up on
 - e. needn't take any protective equipment
- 22. Normal Lee-White clotting time is:**
- a. 2-5 seconds
 - b. 3-9 minutes
 - c. 12-15 minutes
 - d. 1-2 hours
 - e. 2-5 hours
- 23. Ear irrigation is used:**
- a. in middle ear infection
 - b. in eardrum rupture
 - c. to eliminate cerumen
 - d. in patients suffering from vertigo
 - e. in patients suffering from headache
- 24. Frequent urination with abnormal urine quantity and burning sensation is called:**
- a. diuresis
 - b. incontinence
 - c. oliguria

- d. pollakiuria
 - e. anuria
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- a. immediately before feeding
 - b. 20 minutes before feeding
 - c. immediately after feeding
 - d. 30 minutes after feeding
 - e. it is irrelevant when
- 26. The concentration of sodium chloride in physiological solution is:**
- a. 9%
 - b. 1%
 - c. 1.9%
 - d. 0.9%
 - e. 0.09%
- 27. Urine reaction is:**
- a. base
 - b. acidic
 - c. neutral
 - d. sometimes acidic, sometimes base
 - e. very much base
- 28. Pulse is best palpated:**
- a. during physical activity
 - b. at rest
 - c. before meal
 - d. after meal
 - e. does not matter when
- 29. Isotonic solutions are:**
- a. solutions with a fewer number of dissolved particles than blood plasma
 - b. solutions with the same number of dissolved particles as blood plasma
 - c. solutions with a greater number of dissolved particles than water
 - d. solutions with the same number of dissolved particles as urine
 - e. solutions with a fewer number of dissolved particles than urine
- 30. Primary level health care in Serbia is conducted by:**
- a. community health center
 - b. general hospital
 - c. clinical-hospital center
 - d. pharmacy
 - e. institute

Wishing you great success in your Entrance exam!