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UPSC ESIC Nursing Officer

Previous Year Paper
07 Jul, 2024



1. Which one of the following hormones is secreted by neurohypophysis that causes uterine contractions ?

- (a) Estrogen
- (b) Progesterone
- (c) Prolactin
- ~~(d) Oxytocin~~

2. Which one of the following plasma proteins has the function of maintaining osmotic pressure ?

- (a) Haptoglobin
- (b) Transferrin
- ~~(c) Albumin~~
- (d) Ceruloplasmin

3. Which of the following conditions can cause Steatorrhea ?

- ~~1. Pancreatic enzyme insufficiency~~
- ~~2. Diseases affecting small intestines~~
- ~~3. Bile acid deficiency~~
- 4. Insulin deficiency

Select the correct answer using the code given below :

- (a) 1 and 2 only
- (b) 2 and 3 only
- ~~(c) 1, 2 and 3~~
- (d) 2, 3 and 4

4. All of the following are theories of motivation EXCEPT

- (a) Self-determination theory
- (b) Hulls theory
- ~~(c) Psychoanalytical theory~~
- (d) Sternberg's triarchic theory

5. The highest level of growth needs as per the Maslow's hierarchy of needs theory is

- (a) Aesthetic
- (b) Cognitive
- (c) Esteem
- ~~(d) Self-actualization~~

6. An IQ score of 90 is classified as

- (a) Borderline
- (b) Average
- (c) Superior
- ~~(d) Bright normal~~

7. According to Sigmund Freud's theory of Psychoanalysis, all of the following are structures of personality EXCEPT

- ~~(a) Conscious~~
- (b) Id
- (c) Ego
- (d) Superego

8. The conflict that occurs due to having to choose between two positive goals which are equally attractive at the same time is called

- (a) Approach-avoidance conflict
- (b) Double approach avoidance conflict
- (c) Avoidance-avoidance conflict
- (d) Approach-approach conflict

9. The type of family in which father has highest status in family who controls the social life of family is called

- (a) Patriarchal family
- (b) Matriarchal family
- (c) Patrilocal family
- (d) Patrilineal family

10. Which of the following are ways of Acculturation ?

1. Trade and commerce
2. Industrialization
3. Education
4. Conquest

Select the correct answer using the code given below :

- (a) 1 and 2 only
- (b) 1, 2 and 3 only
- (c) 2, 3 and 4 only
- (d) 1, 2, 3 and 4

11. Which of the following are essential amino acids ?

- 1. Leucine
- 2. Tryptophan
- 3. Methionine
- 4. Cystine
- 5. Histidine

T U T I L L & P M

Select the correct answer using the code given below :

- (a) 1, 2 and 3 only
- (b) 3, 4 and 5 only
- (c) 1, 2, 3 and 5
- (d) 1, 3, 4 and 5

12. Match the List I with List II and select the correct answer using the code given below the lists :

List I (Deficiency)	List II (Sign)
A. Corneal xerosis	1. Triangular, pearly-white or yellowish, foamy spots on bulbar conjunctiva
B. Keratomalacia	2. Cornea dull, dry and non-wettable and eventually opaque
C. Conjunctival xerosis	3. Cornea becomes soft and may burst open
D. Bitot's spot	4. Conjunctiva becomes dry and non-wettable

Code :

	A	B	C	D
(a)	2	4	3	1
(b)	1	3	4	2
(c)	2	3	4	1
(d)	1	4	3	2

13. Match the List I with List II and select the correct answer using the code given below the lists :

List I (Nutrient)	List II (Function)
A. Vitamin D	1. Essential for the metabolism of carbohydrates, fats and proteins
B. Niacin	2. Promotes intestinal absorption of calcium and phosphorus
C. Vitamin C	3. Essential for formation of bones and teeth
D. Phosphorus	4. Acts as antioxidant

Code :

	A	B	C	D
(a)	3	1	4	2
(b)	2	1	4	3
(c)	3	4	1	2
(d)	2	4	1	3

14. Which one of the following serum enzymes is used in clinical diagnosis of acute pancreatitis ?

- (a) Lactate dehydrogenase
- (b) Alanine aminotransferase
- (c) Aspartate aminotransferase
- (d) Amylase

15. Which one of the following is the major immunoglobulin in human serum ?

- (a) IgA
- (b) IgD
- (c) IgG
- (d) IgE

16. Which one of the following is NOT a component of epidemiological triad ?

- (a) Environment
- (b) Agent
- (c) Host
- (d) Disease

17. During Pulse Polio Immunization, Auxiliary Nurse Midwife (ANM) has noticed that on vaccine vial monitor the color of square inside the circle is darker than the circle around it. What should be her action ?

- (a) Administer the vaccine to children from the same vial
- (b) Administer the vaccine from same vial after shaking it
- (c) Put the vial in ice box for some time and then administer from the same vial
- (d) Should not use this vial for vaccination

18. Match the List I with List II and select the correct answer using the code given below the lists :

List I (Causative agent)	List II (Disease)
A. <i>Bordetella pertussis</i>	1. Yellow fever
B. <i>Salmonella typhi</i>	2. Food poisoning
C. <i>Clostridium perfringens</i>	3. Whooping cough
D. <i>Flavivirus fibricus</i>	4. Enteric fever

Code :

	A	B	C	D
(a)	1	2	4	3
(b)	3	4	2	1
(c)	3	2	4	1
(d)	1	4	2	3

19. Which one of the following services should ideally form the base of the health service pyramid ?

- (a) Clinical preventive services
- (b) Population based health care services
- (c) Secondary health care services
- (d) Tertiary health care services

20. Community Based Assessment Checklist (CBAC) for early detection of non-communicable diseases is to be filled by

- (a) Medical Officer
- (b) Staff Nurse
- ~~(c) ANM~~
- (d) ASHA

21. Which of the following are the team members of Health and Wellness Centre (HWC) at Sub Centre (SC) level ?

- 1. Community health officers (Mid-Level Health Provider)
- 2. ANM
- 3. ASHA
- 4. Anganwadi worker

Select the correct answer using the code given below :

- ~~(a) 1, 2, 3 and 4~~
- (b) 2 and 3 only
- (c) 1 and 4 only
- (d) 1, 2 and 3 only

22. Which one of the following color codes is **NOT** correct for triage system adopted in triage of disaster management in India ?

- (a) Red indicates high priority treatment
- (b) Yellow indicates medium care priority
- ~~(c) Blue indicates ambulatory patients~~
- (d) Black indicates dead and moribund patients

23. Under Ayushman Bharat Pradhan Mantri Jan Arogya Yojana (AB-PMJAY), how much cover per family per year is provided for secondary and tertiary care hospitalization ?

- (a) INR 2,00,000
- (b) INR 5,00,000
- (c) INR 7,00,000
- (d) INR 10,00,000

24. Discouraging children from adopting harmful lifestyles for the prevention of non-communicable disease is an example of

- (a) Primordial prevention
- (b) Primary prevention
- (c) Secondary prevention
- (d) Tertiary prevention

25. Screening of a sub group population for a particular disease is called

- (a) Mass screening
- (b) Selective screening
- (c) High risk screening
- (d) Multiphasic screening

26. Which one of the following is the indicator of prevalence of contraceptive practice in the community ?

- (a) Total Fertility Rate
- (b) General Fertility Rate
- (c) Couple Protection Rate
- (d) Net Reproduction Rate

27. Which one of the following occupational diseases occurs due to sugarcane dust ?

- (a) Anthracosis
- (b) Silicosis
- (c) Farmer's lung
- (d) Bagassosis

28. Which one of the following vaccines is sensitive to freezing and should be protected from sub-zero temperature ?

- (a) Oral polio
- (b) BCG
- (c) Japanese encephalitis
- (d) Cholera

29. Peyer's patches are present in

- (a) Stomach
- (b) Duodenum
- (c) Jejunum
- (d) Ileum

30. The type of joints, where movement takes place about a single stationary axis, and is largely restricted to one plane are known as

- (a) Plane joints
- (b) Hinge joints
- (c) Ellipsoid joints
- (d) Saddle joints

31. Match the List I with List II and select the correct answer using the code given below the lists :

- | List I
(Degree of
uterine
prolapse) | List II
(Clinical
feature of
prolapse) |
|--|---|
| A. First degree | 1. Uterus prolapses with eversion of entire vagina |
| B. Second degree | 2. The uterine cervix, body and the fundus descends outside the introitus |
| C. Third degree | 3. The external os protrudes outside the vaginal introitus but uterine body still remains inside the vagina |
| D. Proci-dentia | 4. Uterus descends down from its normal anatomical position but the external os remains above the introitus |

Code :

- | | A | B | C | D |
|----------------|---|---|---|---|
| (a) | 4 | 3 | 2 | 1 |
| (b) | 4 | 2 | 3 | 1 |
| (c) | 1 | 3 | 2 | 4 |
| (d) | 1 | 2 | 3 | 4 |

32. All of the following are the causes of menorrhagia EXCEPT

- (a) Androgen producing tumours
- (b) Pelvic endometriosis
- ~~(c) Adenomyosis~~
- (d) Granulosa cell tumour of the ovary

33. In the neonates, the brown fat is located at the following sites EXCEPT

- (a) Around the heart
- (b) In the axillae
- ~~(c) Around the brain~~
- (d) Around the kidney

34. The normal respiratory rate of a newborn is

- (a) 14 – 18 breaths per minute
- ~~(b) 30 – 60 breaths per minute~~
- (c) 50 – 70 breaths per minute
- (d) 20 – 30 breaths per minute

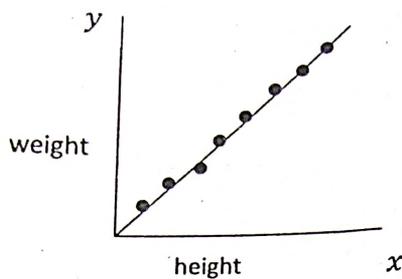
35. A persistent rise in PCO₂ and decrease in pH level in newborn is indicative of

- (a) Metabolic acidosis
- ~~(b) Respiratory acidosis~~
- (c) Respiratory alkalosis
- (d) Metabolic alkalosis

36. Nipple confusion is a situation where the infant
- (a) Accepts the artificial as well as mother's nipple
 - (b) Accepts the mother's nipple but refuses artificial nipple
 - (c) Accepts the artificial nipple but refuses the mother's nipple
 - (d) Refuses to feed at all
37. Classical symptom of invasive cervical cancer is
- (a) Hematuria
 - (b) Back pain
 - (c) Postcoital bleeding
 - (d) Anemia
38. The irregular overlapping of the cranial bones on one another due to liquefaction of the brain matter of foetus is called
- (a) Jacquemier's sign
 - (b) Spalding sign
 - (c) Piskacek's sign
 - (d) Robert's sign
39. What will be the approximate Body Mass Index (BMI) of a woman with weight 70 kg and height 155 cm ?
- (a) 26.1
 - (b) 29.1
 - (c) 25.2
 - (d) 24.6
40. What will be the incidence rate, if there are 500 new cases of an illness in a population of 30,000 in a year ?
- (a) 1.42 per 1000 per year
 - (b) 14.2 per 1000 per year
 - (c) 16.7 per 1000 per year
 - (d) 1.67 per 1000 per year
41. All of the following foods have high glycemic index EXCEPT.
- (a) Brown rice
 - (b) Corn flakes
 - (c) Baked potato
 - (d) White bread
42. Which one of the following types of undernutrition is indicated by Z-score below $-3SD$ of the median WHO child growth standards ?
- (a) Underweight
 - (b) Stunting
 - (c) Wasting
 - (d) Severe acute malnutrition
43. Which one of the following is a measure of overall disease burden expressed as a number of years lost due to ill-health, disability or early death ?
- (a) Health-adjusted life expectancy
 - (b) Quality-adjusted life years
 - (c) Disability-free life expectancy
 - (d) Disability-adjusted life years

44. Numerator for calculating neonatal mortality rate is neonatal deaths within
- (a) 28 days of life
 - (b) 45 days of life
 - (c) 75 days of life
 - (d) 90 days of life
45. Which one of the following drugs used for treatment of malaria is contraindicated in pregnancy ?
- (a) Chloroquine
 - (b) Primaquine
 - (c) Quinine
 - (d) Sulfadoxine + Pyrimethamine
46. A report of any event that is NOT consistent with the routine of hospital and is written only if any mishap or mistake occurs in patient care is called
- (a) Compliance report
 - (b) Hand-off report
 - (c) Incident report
 - (d) Clinical information report
47. When one chooses a course of action from several options, based on a criterion, based on regulations of institution and professional standards, this process is called
- (a) Problem solving
 - (b) Decision making
 - (c) Diagnostic reasoning
 - (d) Hypothesizing a solution
48. The most appropriate data collection tool to measure attitude towards condom use would be
- (a) Checklist
 - (b) Q sorts
 - (c) Vignettes
 - (d) Likert-scale
49. Consider the following research statement :
- “A study to assess motivation-focused intervention effect on self-esteem of adolescents in a school”
- What type of variable is ‘motivation-focused intervention’ in the statement given above ?
- (a) Confounding
 - (b) Independent
 - (c) Dependent
 - (d) Extraneous
50. A researcher conducted a study to describe the lived experiences of care givers of patients with Dementia. Which type of qualitative study is conducted by the researcher ?
- (a) Ethnography
 - (b) Phenomenology
 - (c) Case study
 - (d) Grounded theory

51. The following diagram is indicative of



- (a) Weak negative correlation
- (b) Strong negative correlation
- (c) Perfect positive correlation
- (d) Moderate positive correlation

52. Match the List I with List II and select the correct answer using the code given below the lists :

List I (Phase)	List II (Step)
A. Empirical phase	1. Deciding a sampling plan
B. Design and planning phase	2. Interpreting the results
C. Dissemination phase	3. Collecting the data
D. Analytic phase	4. Utilizing the findings

Code :

	A	B	C	D
(a)	2	1	4	3
(b)	2	4	1	3
(c)	3	1	4	2
(d)	3	4	1	2

53. Approach to reliability assessment that involves administration of the same measure to the same people on two occasions is called as

- (a) Inter-rater reliability
- (b) Test-retest reliability
- (c) Intra-rater reliability
- (d) Parallel test reliability

54. A 26 years old woman visiting gynaecology OPD complains of creamy vaginal discharge with fishy odour. There is no history of itching. The possible diagnosis of the patient is

- (a) Candidiasis
- (b) Chlamydial infection
- (c) Bacterial vaginosis
- (d) Leucoderma

55. Match the List I with List II and select the correct answer using the code given below the lists :

List I (Phenomenon)	List II (Diagnostic feature of USG)
A. Threatened abortion	1. Foetus without cardiac activity
B. Missed abortion	2. Uterine cavity empty
C. Incomplete abortion	3. Foetus alive and retroplacental haemorrhage
D. Complete abortion	4. Products of conception partly retained

Code :

	A	B	C	D
<input checked="" type="checkbox"/> (a)	3	1	4	2
(b)	3	4	1	2
(c)	2	1	4	3
(d)	2	4	1	3

56. Daily requirement of calcium during pregnancy and lactation is
- (a) 500 – 1000 mg
 - ~~(b) 1.0 – 1.5 gm~~
 - (c) 1.5 – 2.0 gm
 - (d) > 2.0 gm
57. Presence of functioning endometrium in sites other than uterine mucosa is called
- (a) Uterine polyps
 - (b) Adenomyosis
 - (c) Paget's disease
 - ~~(d) Endometriosis~~
58. Which one of the following is a non-steroidal compound with potent antiestrogenic properties used for oral contraception?
- ~~(a) Progestin-only pill~~
 - (b) Levonorgestrel
 - (c) Desogestrel
 - (d) Centchroman
59. Active management of 3rd stage of labor includes
- ~~(a) Administration of oxytocin 10 units IM~~
 - (b) Crede's expression of the placenta
 - (c) Administration of carboprost IM
 - (d) Administration of misoprostol 1000 μ g per rectum
60. All of the following are the causes of secondary dysmenorrhoea EXCEPT
- (a) Endometriosis
 - (b) Adenomyosis
 - (c) Bicornuate uterus
 - (d) Pelvic adhesions
61. The withdrawal and inability to initiate and persist in goal-directed activity is called
- (a) Apathy
 - (b) Anhedonia
 - ~~(c) Avoidance~~
 - (d) Avolition
62. The most important and effective strategy for the elderly to maintain self-esteem and support the natural healing process of life review is
- (a) Bibliotherapy
 - (b) Token economy
 - (c) Reminiscence
 - (d) Milieu therapy
63. The psychopharmacologic drug classification of Olanzapine is
- (a) Typical antipsychotic
 - ~~(b) Atypical antipsychotic~~
 - (c) Antidepressant
 - (d) Mood stabilizer

64. While assessing the patient nurse asks the patient, "if a house were on fire, what would you do?" Which one of the following is being assessed by the nurse by asking that question?
- Test judgement
 - Social judgement
 - Insight
 - Abstract thinking
65. All of the following are symptoms of opioids overdose EXCEPT
- Delirium tremens
 - Respiratory depression
 - ~~Stupor~~
 - Coma
66. A highly structured psychotherapeutic method used to alter distorted beliefs and problem behaviour by identifying and replacing negative inaccurate thoughts and changing rewards for behaviour is
- Behaviour therapy
 - Cognitive behaviour therapy
 - Solution-focused belief therapy
 - Motivational enhancement therapy
67. An excitatory neurotransmitter that is diffusely distributed within cerebral cortex, limbic system and basal ganglia of the CNS, and plays a role in emotions, cognition and sensory perceptions is
- Histamine
 - ~~GABA~~
 - Serotonin
 - Glycine

68. Consider the following communication between a patient and nurse :

Patient : I have done something awful.

Nurse : I would like to hear about it. It's okay to discuss it with me.

Which one of the following verbal communication techniques is being used by the nurse ?

- Acceptance
 - Confrontation
 - Reflection
 - Validation
69. Match the List I with List II and select the correct answer using the code given below the lists :

List I (Generic drug name)	List II (Classification)
A. Flurazepam	1. Antihistamine
B. Zolpidem	2. Melatonergic hypnotic
C. Ramelteon	3. Nonbenzodiazepine hypnotic
D. Hydroxyzine	4. Benzodiazepine hypnotic

Code :

	A	B	C	D
(a)	4	3	2	1
(b)	4	2	3	1
(c)	1	3	2	4
(d)	1	2	3	4

70. All of the following symptoms present in a patient since last 2 weeks are indicative of Major Depressive Disorder EXCEPT
- Depressed mood
 - Markedly diminished interest
 - ~~Catatonic behaviour~~
 - Fatigue
71. Which of the following are assumptions in Milieu therapy ?
- The patient owns his/her environment
 - The patient takes responsibility for his/her behaviour
 - Inappropriate behaviour needs to be corrected
 - Peer pressure has no role to play
- Select the correct answer using the code given below :
- 1 and 2 only
 - 1, 2 and 3
 - 2, 3 and 4
 - 1, 3 and 4
72. According to S.I.U. staffing norms for the nurses working in Central government hospitals, the normal/general ward should have
- One nurse/nursing sister for every seven beds
 - ~~One nurse/nursing sister for every six beds~~
 - One nurse/nursing sister for every five beds
 - One nurse/nursing sister for every four beds
73. A temporary placement of nurses in a ward for 12 hours or less which is done to cover the shortage of nurses, especially during evening and night shifts by the supervisors is called
- Intradepartmental deployment
 - Interdepartmental deployment
 - Interlocation deployment
 - Short-term deployment
74. All of the following are techniques of inventory control EXCEPT
- ABC analysis
 - VED analysis
 - XYZ analysis
 - SDX analysis
75. All of the following are major penalties awarded for the employees for their serious misconduct EXCEPT
- Loss of privileges
 - Demotion
 - Transfer
 - Withholding increments
76. Period of practical experience and training in clinical nursing supervised by an expert of a particular field is known as
- Preceptorship
 - Mentorship
 - Peer group support
 - Self-reflection

77. The overall plan of rotation of all students in educational institution including teaching learning activities and related events during academic year is known as

- (a) Clinical rotation plan
- (b) Master rotation plan
- (c) Curriculum planning
- (d) Course plan

78. Consider the following statements regarding Objective Structured Clinical Examination (OSCE) method :

1. It provides more emphasis on performance of skills
2. It is more useful in assessing the knowledge of students
3. It requires checklists for evaluation
4. Holistic approach to patient management cannot be assessed

Which of the statements given above are correct ?

- (a) 1, 3 and 4
- (b) 1, 2 and 4
- (c) 2, 3 and 4
- (d) 2 and 3 only

79. Which one of the following tools maintained by teacher is very valuable for assessment of student's performance ?

- (a) Incident record
- (b) Anecdotal record

- ~~(c) Self-report~~
- (d) Clinical attendance

80. A chart indicating the distribution of questions based on objectives and content area is called

- (a) Question paper
- ~~(b) Blue print~~
- (c) Question bank
- (d) Check list

81. Match the List I with List II and select the correct answer using the code given below the lists :

List I (Developmental task)	List II (Stage of growth and development)
A. Develops a sense of trust	1. Toddlerhood
B. Develops autonomy	2. Infancy
C. Develops initiative and purpose	3. School age
D. Develops a sense of accomplishment	4. Preschool age

Code :

	A	B	C	D
(a)	2	4	1	3
(b)	2	1	4	3
(c)	3	4	1	2
(d)	3	1	4	2

82. Which one of the following methods is the most appropriate for feeding the baby born at 31 weeks of gestation ?

- (a) Intravenous fluids and oral feeding
- (b) Oro-gastric/nasogastric tube feeding with occasional spoon or paladai feeding

(c) Intravenous fluids with occasional oro-gastric/nasogastric tube feeding

(d) Total parenteral nutrition

83. A fourteen-year-old child has been admitted with the complaints of fever, headache, chills and vomiting. He has been provisionally diagnosed as a case of bacterial meningitis and has been advised lumbar puncture for the examination of cerebrospinal fluid (CSF). Which one of the following variations in CSF will confirm that the child has bacterial meningitis ?

- (a) Neutrophils and protein content elevated
- (b) Colour of CSF is clear or slightly turbid
- (c) Lymphocytes are elevated
- (d) Glucose content is normal

84. Which of the following are true about the signs of good attachment in breastfeeding technique ?

1. The baby's mouth is wide open
2. Upper areola is visible, not the lower one
3. Baby's chin touches the breast

4. The upper lip of the baby is everted/turned outward
5. Baby's head and body are in one plane

Select the correct answer using the code given below :

- (a) 1, 4 and 5
- (b) 2, 3 and 5
- (c) 1, 2 and 3
- (d) 3, 4 and 5

85. During resuscitation, which one of the following medications is indicated initially if the heart rate of a newborn continues to be less than 60 per minute after 30 seconds of Positive Pressure Ventilation and Chest Compression ?

- (a) Epinephrine
- (b) Sodium Bicarbonate
- (c) Atropine
- (d) Dexamethasone

86. A 15-month-old child is brought to the OPD with diarrhoea. He has sunken eyes; the skin pinch goes back slowly and he drinks eagerly. As per the Integrated Management of Neonatal and Childhood Illnesses (IMNCI), this child is classified as

- (a) Severe dehydration
- (b) Some dehydration
- (c) No dehydration
- (d) Severe persistent diarrhoea

87. Which one of the following babies is eligible for Kangaroo Mother Care (KMC) ?

- (a) Baby weighing 1000 gram cared in an incubator
- (b) Baby with a birth weight of 2.6 kg
- (c) Hemodynamically stable Low birth weight baby
- (d) Baby who is sick and cared under radiant warmer

88. A 10-year-old child has been admitted in a paediatric medical ward with sudden onset of haematuria, oliguria, edema and hypertension. Which one of the following conditions the child is likely to have ?

- (a) Nephrotic syndrome
- (b) Acute kidney injury
- (c) Acute glomerulonephritis
- (d) Chronic renal failure

89. A six-year-old child has been admitted in paediatric medical ward as a case of malignant tumour. Which one of the following is the most common in the above age group ?

- (a) Acute myeloid leukaemia
- (b) Juvenile myelomonocytic leukaemia
- (c) Acute lymphoblastic leukaemia
- (d) Chronic myeloid leukaemia

90. Match the List I with List II and select the correct answer using the code given below the lists :

List I (Condition)	List II (Symptom)
A. Hypertrophic Pyloric Stenosis	1. Bilious vomiting
B. Intussusception	2. Projectile vomiting
C. Peptic Ulcer	3. Pain in the right lower quadrant of abdomen
D. Appendicitis	4. Recurrent vomiting

Code :

	A	B	C	D
(a)	3	4	1	2
(b)	3	1	4	2
(c)	2	4	1	3
<input checked="" type="checkbox"/> (d)	2	1	4	3

91. Excessive stretching of a muscle and its fascial sheath often involving tendon is known as

- (a) Strain
- (b) Sprain
- (c) Fracture
- (d) Greenstick fracture

92. Abnormal, tortuous opening between the bladder and vagina is known as

- (a) Ureterovaginal fistula
- (b) Vaginoperineal fistula
- (c) Rectovaginal fistula
- (d) Vesicovaginal fistula

93. Consider the following steps of Chest tube removal

1. Valsalva maneuver (1)
2. Administration of analgesic (1)
3. Chest X-ray
4. Air tight dressing of the site

Which one of the following is the correct sequence of steps of Chest tube removal ?

- (a) 3, 1, 4, 2
- (b) 2, 1, 4, 3
- (c) 3, 4, 1, 2
- (d) 2, 4, 1, 3

94. The characteristic manifestations of Nephrotic syndrome include

- (a) Massive proteinuria, Hypertension, Hyperlipidemia, hypoalbuminemia, foamy urine
- (b) Massive proteinuria, Hypertension, hypolipidemia, hyperalbuminemia

- (c) Peripheral edema, hypotension, hypoalbuminemia, hypolipidemia
- (d) Hyperlipidemia, hypoalbuminemia, hypotension, cola colored urine

95. A patient is suffering with celiac disease. Which one of the following food items he should avoid in his diet ?

- (a) Wheat
- (b) Eggs
- (c) Cheese
- (d) Soy products

96. A nurse caring for a patient with Type-2 Diabetes mellitus with high dose insulin was monitoring blood glucose level between 2 am to 4 am. She is trying to assess

- (a) Dawn effect
- (b) Somogyi effect
- (c) Rebound Hypoglycemia
- (d) Insulin effectiveness

97. A patient with renal dysfunction develops uremia, when his GFR is

- (a) ≤ 15 mL/min
- (b) > 30 mL/min
- (c) ≥ 45 mL/min
- (d) ≥ 60 mL/min

98. Consider the following statements regarding preparation of multiple-choice questions :

1. Stem should be clear and explicit
2. Use negatives and double negatives
3. The alternatives should be similar in length, detail and complexity
4. Avoid using distractors that are essentially the same

Which of the statement(s) given above is/are correct ?

- (a) 1 only
- (b) 1 and 2 only
- (c) 1, 3 and 4 only
- (d) 1, 2, 3 and 4

99. The type of evaluation that compares the student's performance with others in same group is referred as

- (a) Criterion referenced
- (b) Norm referenced
- (c) Formative
- (d) Summative

100. Which of the following are the purposes of audiovisual aids ?

1. To simplify unfamiliar concepts
2. To bring about understanding where words fail
3. To reinforce learning appealing to more than one sense
4. To promote monotony

Select the correct answer using the code given below :

- (a) 1 and 2 only
- (b) 1 and 4
- (c) 1, 2 and 3
- (d) 2, 3 and 4

101. Which one of the following educational philosophies emphasises practical utility and activity-based curriculum ?

- (a) Pragmatism
- (b) Idealism
- (c) Realism
- (d) Naturalism

102. Which of the following statements regarding brainstorming method of teaching are correct ?

1. It promotes critical thinking
2. It makes student more skilled
3. It promotes group activity
4. Maximum ideas can be sought in a short time

Select the correct answer using the code given below :

- (a) 1 and 2
- (b) 1 and 3 only
- (c) 1, 3 and 4
- (d) 2, 3 and 4

103. Which one of the following methods is best for psychomotor skill development among students ?
- (a) Lecture method
~~(b) Role play~~
 (c) Demonstration
 (d) Group discussion
104. The type of teaching method used for developing teaching skills and competencies in teacher trainee is
- (a) Microteaching
 (b) Seminar
~~(c) Lecture~~
 (d) Group discussion
105. Which one of the following counselling skills involves, paraphrasing client's words and saying what counsellor think about client's feeling ?
- (a) Concreting
 (b) Reflecting
 (c) Summarizing
 (d) Listening
106. As per Parkland formula, the amount of fluid to be infused in the first 8 hours to the patient of 70 kg weight having 50% total body surface area of burn will be
- (a) 8000 mL
 (b) 7000 mL
 (c) 6000 mL
 (d) 5000 mL
107. Vascular skin lesions which are benign tumor consisting of blood and lymph vessels are called
- (a) Purpura
~~(b) Osler's nodes~~
 (c) Ecchymosis
 (d) Angioma
108. Consider the following statements regarding the principles of aseptic technique practiced in operating room :
- ~~1. All material that enters the sterile field must be sterile~~
 - ~~2. The parts of gown worn by surgical team considered sterile are the front from chest to table level and sleeves up to 2 inches above elbow~~
 - ~~3. A wide margin of safety is maintained between sterile and unsterile field~~
 4. Tables are sterile at table top and up to 4 inches below it
- Which of the statement(s) given above is/are **NOT** correct ?
- (a) 2 only
 (b) 2, 3 and 4
~~(c) 1 and 3~~
~~(d) 4 only~~

109. A nurse caring the patient after cataract surgery should include which of the following care immediately after the surgery ?

- 1. Administer topical antibiotics
- 2. Administer topical corticosteroids
- 3. Administer sedatives
- 4. Advise activity restriction like bending and lifting

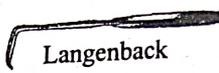
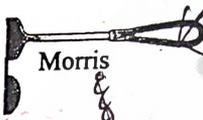
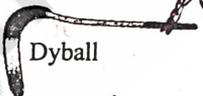
Select the correct answer using the code given below :

- (a) 1 and 2 only
- (b) 1, 2 and 4
- (c) 3 and 4
- (d) 1, 2 and 3

110. The definite symptoms of acute angle closure glaucoma include

- (a) Severe eye pain, blurred vision, seeing colored halos around lights and ocular redness
- (b) Tunnel vision, loss of peripheral vision with no pain in and around the eye
- (c) Severe eye pain, Tunnel vision, loss of peripheral vision
- (d) No eye pain, ocular redness, tunnel vision

111. Match the List I with List II and select the correct answer using the code given below the lists :

List I (Retractor)	List II (Use)
A.  Langenback	1. Useful for giving maximum exposure in large incisions such as those used in abdomen
B.  Morris	2. Useful for holding the liver up during cholecystectomy
C.  Deaver	3. Useful in major abdominal surgery to retract deeper parts of the abdominal wall or the bladder or uterus while operating on the rectum
D.  Dyball	4. Useful for holding open wound like in appendicectomy

Code :

	A	B	C	D
(a)	4	2	1	3
(b)	4	1	2	3
(c)	3	1	2	4
(d)	3	2	1	4

112. Purposes of administering Bacillus Calmette-Guérin (BCG) in cases of bladder cancer are all EXCEPT
- (a) Antitumor activity
 - (b) Prevents bleeding
 - (c) Prevents recurrence of transitional cell bladder tumors
 - (d) Acts as immunotherapeutic agent
113. All of the following instructions related to investigation of a patient who has to undergo bone densitometry are correct EXCEPT
- (a) Calcium supplements should be avoided 24 hours prior to the investigation
 - (b) Patient must remain nil per orally at least 12 hours before the investigation
 - (c) Patient has to remove clothing, jewellery and other metallic objects when scanning is done
 - (d) Patient to lie still with hips flexed for about 20 minutes during test
114. Which one of the following is the prerenal cause of Acute Kidney Injury (AKI)?
- (a) Immunologic processes
 - (b) Toxins
 - (c) Shock
 - (d) Urinary stricture
115. Which one of the following is most appropriate for pain assessment in patients with chronic pain?
- (a) Multidimensional questionnaire
 - (b) FACES scale
 - (c) Visual Analogue Scale
 - (d) Verbal Descriptor Scale
116. All of the following are non-steroidal anti-inflammatory drugs EXCEPT
- (a) Naproxen
 - (b) Indomethacin
 - (c) Allopurinol
 - (d) Diclofenac sodium
117. Which one of the following is a generalized disorder of connective tissue characterized by hardening and thickening of skin, blood vessels, skeletal muscles and internal organs?
- (a) Systemic Lupus Erythematosus
 - (b) Systemic Sclerosis
 - (c) Gout
 - (d) Psoriasis
118. Which one of the following diagnostic tests is used to measure the electrical activity of brain cells?
- (a) Computed tomography
 - (b) Electroneurography
 - (c) Electroencephalography
 - (d) Electromyography

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- ~~(c) Electroencephalography~~
- (d) Electromyography

119. All of the following are exclusion criteria for tPA (tissue plasminogen activator) therapy EXCEPT

- ~~(a)~~ Glucose level > 400 mg/dL
- (b) Coagulopathy
- (c) History of major surgery in the past 2 weeks
- (d) Ischemic stroke

120. Which one of the following drugs stabilize the cardiac membrane in a patient with hyperkalemia ?

- (a) Sodium bicarbonate
- (b) Insulin
- ~~(c)~~ Calcium gluconate
- (d) Digoxin

121. All of the following are true about care bundle EXCEPT

- ~~(a)~~ Care bundle is a group of interventions related to a disease process or condition
- ~~(b)~~ Care bundles increases the possibility of long-term complication of a particular disease
- (c) Care bundle interventions, when executed together, result in better patient outcomes than when implemented individually
- ~~(d)~~ Care bundle ensure that patients receive quality care and preventing most common complications associated with their diagnoses

122. The type of exercise in which muscle contraction occurs without moving the joint is called

- (a) Isotonic exercise
- (b) Isokinetic exercise
- (c) Aerobic exercise
- ~~(d)~~ Isometric exercise

123. All of the following are the potential circulatory problems after surgery EXCEPT

- (a) Thrombophlebitis
- (b) Embolus
- (c) Hemorrhage
- ~~(d)~~ Tympanites

124. In wound healing, the phase where fibroblasts migrate into the wound and begin to synthesize collagen is called

- (a) Inflammatory phase
- (b) Maturation phase
- ~~(c)~~ Proliferation phase
- (d) Evisceration

125. All are the examination methods for assessment of eyes EXCEPT

- (a) Tonometry
- (b) Slit lamp test
- (c) Refraction test
- ~~(d) Romberg test~~

Select the correct answer using the code given below :

- (a) 1 and 2 only
- ~~(b) 1, 2 and 3~~
- (c) 1, 2 and 4
- (d) 2 and 3 only

126. Elderly people are more prone to get respiratory infection because of

- 1. Decline in cell mediated immunity
- 2. Decline in humoral immunity
- 3. Decreased formation of secretory IgA
- 4. Fewer or less functional cilia

Select the correct answer using the code given below :

- (a) 1 and 2 only
- (b) 1 and 4 only
- (c) 1, 2 and 3 only
- ~~(d) 1, 2, 3 and 4~~

127. Which of the following are the advantages of Dry powdered Inhalers (DPIs) over Metered Dose inhalers (MDIs) ?

- 1. It requires less manual dexterity
- 2. It does not require spacer
- 3. It is effective in patients with low FEV₁ (< 1 L)
- 4. There is no need to coordinate device puffs with inhalation

128. The List I contains the name of the artery and the List II contains the manifestation of stroke related to artery involvement. Match the List I with List II and select the correct answer using the code given below the lists :

List I	List II
A. Anterior cerebral	1. Aphasia
B. Middle cerebral	2. Loss of proprioception and fine touch
C. Posterior cerebral	3. Dysarthria and dysphagia
D. Vertebral	4. Visual hallucination

Code :

	A	B	C	D
(a)	3	4	1	2
(b)	2	1	4	3
(c)	2	4	1	3
(d)	3	1	4	2

129. Bell's palsy is an acute, usually temporary condition resulting from damage or trauma of

- (a) Cranial III
- (b) Cranial IV
- (c) Cranial V
- ~~(d) Cranial VII~~

130. Which one of the following markers begin to rise about 6 hours after Myocardial Infarction and peaks in 18 hours ?

- ~~(a) CK-MB~~
- (b) Cardiac specific troponin T(cTnT)
- (c) Myoglobin
- (d) Cardiac specific troponin I (cTnI)

131. A nurse is assessing stoma before changing the colostomy bag. Which one of the following colour of stoma indicates ischemia ?

- (a) Rose pink
- ~~(b) Brown-black~~
- (c) Dusky blue
- (d) Bright red

132. A patient is diagnosed with acute pancreatitis. The laboratory test was performed. Which one of the following laboratory findings will show decrease in value ?

- (a) Blood glucose
- (b) Serum amylase
- (c) Serum lipase
- ~~(d) Serum calcium~~

133. Nursing care of the patient after thyroid surgery includes all of the following EXCEPT

- (a) Monitoring calcium level
- (b) Providing semi-Fowler's position
- ~~(c) Assessing patients' ability to speak~~
- ~~(d) Promoting intake of iodine rich food~~

134. The predominant clinical manifestations of ulcerative colitis include

- ~~(a) Diarrhea, passage of mucus and pus in stool, rectal bleeding~~
- (b) Diarrhea, rectal bleeding, weight gain
- (c) Pallor, vomiting, hypercalcemia
- (d) Right upper quadrant abdominal pain, joint abnormalities, hypocalcemia

135. Which one of the following is NOT a surgical therapy in case of Meniere's disease ?

- (a) Stapedotomy
- (b) Labyrinthectomy
- (c) Endolymphatic stunt
- ~~(d) Vestibular nerve section~~

136. For adults the ratio of chest compression-to-ventilation in case of single rescuer Cardiopulmonary resuscitation (CPR) is

- (a) 15:2
- (b) 15:1
- ~~(c) 30:2~~
- (d) 30:1

137. Wound caused by an injury with a blunt object, leading to tearing of soft tissue is known as

- ~~(a) Laceration~~
- (b) Abrasions
- ~~(c) Punctures~~
- (d) Incision

138. In normal range-of-motion, movement of extremity away from midline of body is termed as

- (a) Adduction
- (b) Eversion
- (c) Inversion
- ~~(d) Abduction~~

139. Which one of the following breathing patterns indicates rhythm abnormality ?

- (a) Dyspnea
- ~~(b) Cheyne-Stokes breathing~~
- (c) Bradypnea
- (d) Hyperventilation

140. Which one of the following levels of illness prevention includes actions and measures that inhibit the emergence of risk factors ?

- (a) Secondary prevention
- (b) Primordial prevention
- (c) Primary prevention
- ~~(d) Tertiary prevention~~

141. Transverse depressions in nails indicating temporary disturbance of nail growth are known as

- (a) Koilonychia
- (b) Paronychia
- (c) Clubbing
- ~~(d) Beau's lines~~

142. Which of the following are adventitious breath sounds on auscultation ?

1. Crackles
2. Rhonchi
3. Wheeze
4. Pleural friction rub

Select the correct answer using the code given below :

- (a) 1 and 2 only
 (b) 2 and 3 only
(c) 2, 3 and 4 only
(d) 1, 2, 3 and 4

143. Presence and growth of micro-organisms within a host but without tissue invasion or damage is known as

- (a) Infestation
(b) Inflammation
(c) Colonization
(d) Infection

144. Which of the following biomedical wastes should be discarded in yellow colour waste bin ?

1. Human anatomical waste
2. Urobag
3. Needles
 4. Soiled plaster casts
5. Glass slides

Select the correct answer using the code given below :

- (a) 1 and 2
 (b) 1 and 4
(c) 2 and 3
(d) 3 and 5

145. Sleepwalking and enuresis occur in which stage of sleep cycle ?

- (a) Rapid Eye Movement (REM) sleep
 (b) Non-Rapid Eye Movement (NREM) sleep stage 1
(c) NREM sleep stage 2
(d) NREM sleep stage 4

146. Which one of the following neurotransmitters have inhibitory effect on pain ?

- (a) Substance-P
(b) Endorphins
(c) Bradykinin
 (d) Prostaglandins

147. Low arterial concentrations of oxygen in blood is termed as

- (a) Hypoxemia
(b) Hypoxia
(c) Eupnea
(d) Eucapnia

148. Which one among the following is a physiologically hypertonic solution ?

- ~~(a) 3% sodium chloride~~
- (b) 0.9% sodium chloride
- (c) 0.45 sodium chloride
- (d) 2.5% dextrose solution

149. Flat and painless thickened portion of epidermis consisting of mass of horny, keratotic cells formed by local pressure or friction found on palm or undersurface of foot is called

- (a) Plantar warts
- ~~(b) Corns~~

- (c) Athlete's foot
- (d) Callus

150. Which one of the following core critical thinking skills relates to monitoring and correcting mistakes occurring in process of interpreting, analyzing, inferring, evaluating or explaining ?

- (a) Analysis
- (b) Interpretation
- (c) Self-regulation
- (d) Explanation

