

MIZORAM PUBLIC SERVICE COMMISSION

COMPETITIVE EXAMINATIONS FOR RECRUITMENT TO THE POST OF STAFF NURSE UNDER HEALTH & FAMILY WELFARE DEPARTMENT, GOVERNMENT OF MIZORAM. MAY -2019

NURSING SCIENCE PAPER - II

Time Allowed : 2 hours

Full Marks : 150

All questions carry equal marks of 2 each.

Attempt all questions.

1. Type of convulsion produced in ETC is:-
 - (a) Jacksonian
 - (b) Grandmal
 - (c) Focal
 - (d) All of these
2. Lithium toxicity occurs when the serum lithium level goes above:-
 - (a) 0.6-0.8 mEq/l
 - (b) 0.8-1.0 mEq/l
 - (c) >2.0 mEq/l
 - (d) None of these
3. Stereotype speech in mental disorder is referred as:-
 - (a) Cataplexy
 - (b) Verbigeration
 - (c) Mannerism
 - (d) Negativism
4. Athletic type of personality is characterized by:-
 - (a) Fat, round, happy, social
 - (b) Thin body build, tall
 - (c) Muscular build and strong skeleton
 - (d) None of these
5. Clouding of consciousness is the hallmark of:-
 - (a) Dementia
 - (b) Acute OBS
 - (c) Hypomania
 - (d) Schizophrenia
6. The nurse is providing information to the community group about violence in the family. Which statement by a group member would indicate a need to provide additional information
 - (a) Abusers usually have poor self – esteem
 - (b) Abuse occurs more in low – income families
 - (c) Abusers are often jealous or self – centered
 - (d) Abusers use fear and intimidation
7. Extremely depressed patients seem to do best in settings where they have
 - (a) Multiple stimuli
 - (b) Minimal decision making
 - (c) Varied activities
 - (d) Routine activities
8. Dementia, unlike delirium, is characterized by
 - (a) Slurred speech
 - (b) Insidious onset
 - (c) Clouding of consciousness
 - (d) Sensory perceptual change
9. All treatment team members are seen as equally important in helping clients meet their treatment goals. This type of therapy approach is
 - (a) Rational emotive therapy
 - (b) Behaviour modification
 - (c) Milieu therapy
 - (d) Interpersonal therapy

10. The most effective nursing action for an acute mania client is
 - (a) Assigning him to group activities
 - (b) Reducing his stimulation
 - (c) Assisting him with self – care
 - (d) Helping him express his feelings
11. 11th July is celebrated as:-
 - (a) WHO day
 - (b) World Population Day
 - (c) Anti-Tobacco day
 - (d) World Hepatitis day
12. Cold chain temperature is:-
 - (a) +1 to +90°C
 - (b) +8 to +2°C
 - (c) +2 to +8°C
 - (d) +3 to +8°C
13. Norplant contraceptive is an example of:-
 - (a) Subdermal implant
 - (b) IUD's
 - (c) Injectable hormones
 - (d) Oral pills
14. All drugs are given orally under DOT's programme except:-
 - (a) Isoniazide
 - (b) Rifampicin
 - (c) Ethambutol
 - (d) Streptomycin
15. Minimum number of antenatal visit during pregnancy is:-
 - (a) 1
 - (b) 2
 - (c) 3
 - (d) 4
16. In the abbreviation VVM, "M" stands for:-
 - (a) Medical
 - (b) Monitor
 - (c) Master
 - (d) Manual
17. Mode of transmission in hepatitis B is:-
 - (a) Feco-Oral route
 - (b) Blood and blood products
 - (c) Several contact
 - (d) Both (a) & (b)
18. Keeping the frequency of any disease within acceptable limit is called:-
 - (a) Eradication
 - (b) Control
 - (c) Elimination
 - (d) Monitoring
19. After delivery and based on the recommended schedule in the Under Five Clinic programme, the mother must be encouraged to bring her baby to the health centre
 - (a) Whenever the baby has a health problem
 - (b) Regularly every 2 months
 - (c) Regularly every month
 - (d) At the time when the baby is scheduled for immunization
20. After reconstitution, BCG, MR and RVV (Rotavirus vaccine) must be used within
 - (a) 4 hours
 - (b) 5 hours
 - (c) 6 hours
 - (d) 8 hours
21. The operational goals of Family Welfare programme are all EXCEPT
 - (a) To promote the adoption of small family size norm on the basis of voluntary acceptance
 - (b) To promote the use of spacing methods
 - (c) To promote delayed marriage for girls not earlier than 18 and preferably after 20 years of age
 - (d) To arrange for clinical and surgical services so as to achieve the set targets

22. Family Health Services is divided into Maternal and Child Health, Family Planning, Health Education and
- (a) Rehabilitative care
 - (b) Nutrition
 - (c) Preventive care
 - (d) Immunization
23. The role of a Female Health Worker in Universal Immunization Programme is all except
- (a) Assist Health Assistant Male in the School Immunization Programme
 - (b) Immunize pregnant woman with tetanus toxoid
 - (c) Administer vaccines to children as per immunization schedule
 - (d) Ensure injection safety
24. Still birth constitutes:-
- (a) Early foetal death
 - (b) Late foetal death
 - (c) Early+Intermediate foetal death
 - (d) Intermediate+Late foetal death
25. Life span of fertilizable oocyte is:-
- (a) 24 hrs
 - (b) 72 hrs
 - (c) 48 hrs
 - (d) 50 hrs
26. Immediate nursing action after rupture of membrane is to:-
- (a) Listen to the FHR
 - (b) Call the physician
 - (c) Observe contraction
 - (d) Check BP and pulse
27. A fetal heart can be detected by as early as:-
- (a) 20 weeks
 - (b) 3 weeks
 - (c) 8 weeks
 - (d) 12 weeks
28. In pregnancy, fetal weight gain is greatest in:-
- (a) 1st trimester
 - (b) 2nd trimester
 - (c) 3rd trimester
 - (d) Implantation
29. To reduce the possibility of neural tube defects, most doctors prescribe:-
- (a) Niacin
 - (b) Folic acid
 - (c) Iron
 - (d) Zinc
30. The process of development of a mature ovum is called:-
- (a) Ovulation
 - (b) Oophoria
 - (c) Oogenesis
 - (d) Oocyte
31. During normal labour, uterus increases in length and measures
- (a) 35 cm
 - (b) 30 cm
 - (c) 25 cm
 - (d) 20 cm
32. Which of the following can lead to anoxia during childbirth:-
- (a) The delivery takes too long
 - (b) Use of forceps
 - (c) An episiotomy
 - (d) A caesarean delivery
33. Most common cause of maternal mortality in India is:-
- (a) Obstetric hemorrhage
 - (b) Abortion
 - (c) Septicemia
 - (d) Anaemia
34. Very low birth weight is less than:-
- (a) 500gm
 - (b) 1000gm
 - (c) 1500gm
 - (d) 2000gm

35. Umbilical cord consists of:-
(a) 2 arteries and 1 vein (b) 1 artery and 1 vein
(c) 1 artery and 2 veins (d) 2 arteries and 2 veins
36. In Vitro-fertilization is indicated in:-
(a) Anovulatory cycles (b) Tubal block
(c) Azoospermia (d) Uterine anomalies
37. Incidence of ectopic pregnancy is highest with:-
(a) OCP (b) Copper T
(c) Multiload IUCD (d) Progestsert
38. By keeping the room temperature warm and wrapping the neonate in blanket, the type of heat loss the nurse prevents is
(a) Conduction (b) Convection
(c) Evaporation (d) Radiation
39. According to WHO, additional amount of calorie to be taken by a pregnant woman is
(a) 100 kcal (b) 300 kcal
(c) 500 kcal (d) 1,000 kcal
40. A primigravida at 34 weeks gestation is diagnosed with hydramnios. After delivery of the newborn, a priority for the nurse is to assess the newborn for
(a) Diabetes mellitus (b) Esophageal atresia
(c) Kidney disorders (d) Cardiac defects
41. A primigravida mother tells the nurse she has been experiencing backaches after standing all day at her job. The nurse should suggest to the patient that she practice an exercise such as
(a) Pelvic tilt (b) Squatting
(c) Stretching (d) Walking
42. Immediately after spontaneous rupture of membranes, the nurse observes a loop of umbilical cord protruding from the vagina. The first nursing action would be to
(a) Administer oxygen (b) Notify the doctor
(c) Document the deceleration (d) Elevate the hips on two pillows
43. The vaginal examination reveals that the fetus is in vertex presentation and at -1 station. These findings indicate that the fetal
(a) Head is engaged (b) Buttocks are crowning
(c) Head is above the ischial spines (d) Buttocks are below the ischial spines
44. Multipara mother is examined by a nurse who documents the following data, cervix 9 cm, position ROA, station +2. The nurse determines that the mother is in
(a) First stage of labour (b) Second stage of labour
(c) Third stage of labour (d) Fourth stage of labour
45. The nurse assess a newborn with absent femoral pulses, this physical finding is associated with a neonatal problem of
(a) Patent Ductus Arteriosus (b) Tetralogy of Fallot
(c) Ventricular Septal Defect (d) Coarctation of aorta
46. In children, temporary or milk teeth are also called as:-
(a) Molars (b) Incisors
(c) Canines (d) Deciduous teeth

47. An appropriate toy for a 4 year old child is:-
(a) Push-pull toy (b) Card games
(c) Doctor and nurse kits (d) Books and crafts
48. Immunoglobins present in breast milk provides:-
(a) Active immunity (b) Passive immunity
(c) Artificial immunity (d) No immunity
49. Which of the following is considered as silent killer of neonate:-
(a) Hyperthermia (b) Hypothermia
(c) Hypoglycemia (d) Hyperglycemia
50. Toilet training should be started for a baby at the age of:-
(a) Infant (b) Toddler
(c) Preschool age (d) School age
51. The amount of O_2 given to infants is:-
(a) 1-2 liters/min (b) 2-3 liters/min
(c) 3-4 liters/min (d) None of these
52. The surgery of chronic for undescended testes is:-
(a) Orchidoplexy (b) Circumcision
(c) Removal of testes (d) All of these
53. Birth in India should be registered within:-
(a) 7 days (b) 10 days
(c) 14 days (d) 21 days
54. The signs and symptoms of a child diagnosed with mild intellectual disability (ID) include which of the following
(a) Few communication skills (b) Lateness in walking
(c) Mental age of a toddler (d) Noticeable developmental delays
55. The primary purpose of administering corticosteroids to a nephrotic child is to
(a) Increase blood pressure (b) Reduce inflammation
(c) Decrease proteinuria (d) Prevent infection
56. An additional vitamin C is required during all of the following periods EXCEPT
(a) Infancy (b) Childhood
(c) Young adulthood (d) Pregnancy
57. A newborn failing to pass meconium within the first 24 hours after birth may indicate
(a) Celiac disease (b) Intussusception
(c) Hirschsprung's disease (d) Abdominal wall defect
58. The instructions a nurse should include in a teaching plan that focuses on initial prevention of a child who is diagnosed with rheumatic fever is
(a) Treating streptococcal throat infection with an antibiotic
(b) Giving penicillin to patients with rheumatic fever
(c) Using corticosteroid to reduce inflammation
(d) Providing an antibiotic before dental work

59. The initial priority that a nurse should identify for a child with acute lymphocytic leukemia is
- (a) Instituting infection control precautions
 - (b) Encouraging adequate intake of iron – rich food
 - (c) Assisting with coping with chronic illness
 - (d) Administering medications via IM injections
60. Koplik's spot is a characteristic feature of
- (a) Small pox
 - (b) Chicken pox
 - (c) Measles
 - (d) Mumps
61. The official organ of TNAI is:-
- (a) Nurses of India
 - (b) Nightingale Nursing Times
 - (c) Nursing Journal of India
 - (d) Nurses Voice
62. The aspects of nursing that makes it essential to define it as both a profession and a discipline is
- (a) Established standards of care
 - (b) Professional organizations
 - (c) Practice supported by scientific research
 - (d) Activities determined by a scope of practice
63. The first function of administration is:-
- (a) Staffing
 - (b) Organizing
 - (c) Planning
 - (d) Reporting
64. Written evidence in original is:-
- (a) Primary voucher
 - (b) Collateral voucher
 - (c) Direct voucher
 - (d) None of these
65. A written account of all the duties and responsibilities involved in a particular job or position is known as
- (a) Job satisfaction
 - (b) Job description
 - (c) Budgetting
 - (d) Staffing

Directions (Questions 66 & 67) : Give the correct answer from the choices given below:

66. How many numbers upto 700 are divisible by both 3 and 5?
- (a) 42
 - (b) 46
 - (c) 39
 - (d) 52
67. What comes next in the series?
- 2, 5, 10, 17, 26, _____
- (a) 33
 - (b) 34
 - (c) 35
 - (d) 37

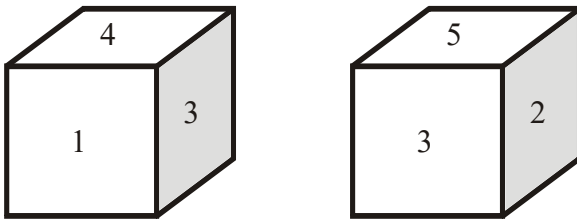
Directions (Questions 68 - 70) : Read the following passage and answer the questions that follow:

Wars are won when one side breaks the will of the other to fight on. When they capitulate, the defeated almost always still have armies in the field and still have some resources to draw upon. True, these may be greatly diminished compared to what existed at earlier stages of the conflict but it is extraordinarily rare for every soldier to have been slain or imprisoned and every town and city captured before the white flags of surrender are raised. What the vanquished have lost however is the belief that victory is possible or that the cost of the struggle can be borne any further.

68. Which of the following is similar in meaning to the word 'capitulate' as used in the context of the passage?
- (a) surrender (b) win
(c) bounce back (d) calculate
69. Which of the following is opposite in meaning to the word 'vanquished' as used in the context of the passage?
- (a) overpowered (b) crushed
(c) victorious (d) armies
70. Which of the following is TRUE as per the passage?
- (a) When wars are won, the defeated are all slain
(b) Every town and city is captured before the white flags of surrender are raised.
(c) When defeated, all resources are spent.
(d) The cost of the war cannot be tolerated anymore by the conquered.

Directions (Questions 71 - 72) : In the following questions, choose the correct answer from the four choices given below:

71. Two positions of a cube are as follows. Point out which will be on the bottom if the number 6 is on top.



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

72. Which figure comes next in the given sequence?

Problem Figures

	—	—	→	—
—	←	→	←	←
				→

Answer Figures

—	→	←	—
←	←	→	→
→	→	←	←

(a) (b) (c) (d)

Directions (Questions 73 - 75) : In the following, find out the correct answer:

73. What is the missing number?

3	?
3561	81

- (a) 9 (b) 18
(c) 24 (d) 27

74. Find the missing term from the series:

T, R, O, K, F, Z, _____

- (a) S (b) T
(c) U (d) V

75. Showing a photograph to a friend, Zama says, “She is the grand-daughter of the elder brother of my father.” How is this girl related to Zama?

- (a) Sister (b) Aunt
(c) Sister-in-law (d) Niece

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