

MIZORAM PUBLIC SERVICE COMMISSION

TECHNICAL COMPETITIVE EXAMINATIONS FOR RECRUITMENT TO STAFF NURSE

UNDER MIZORAM INSTITUTE OF MEDICAL EDUCATION AND RESEARCH (MIMER) - 2018

NURSING SCIENCE PAPER – II

Time Allowed : 2 hours

Full Marks : 150

Attempt all questions.

All questions carry equal marks of 2 each.

- The features of true labour pain includes-
 - 'show'
 - formation of 'bag of waters'
 - progressive effacement
 - all of these
- Performing an act that a reasonably prudent person under similar circumstances would not do is termed as
 - negligence
 - malpractice
 - fraud
 - defamation
- Electroconvulsive therapy (ECT) is contraindicated in
 - increased ICP
 - extreme agitated client
 - severe catatonia & psychosis
 - severe depression with suicidal risk
- An infant usually doubles his birth weight by the age of
 - 3 months
 - 4 months
 - 5 months
 - 6 months
- The number of NEW cases occurring in a defined population during a specified period of time is termed
 - mortality
 - incidence
 - prevalence
 - morbidity
- In a vertex presentation, where the occiput is placed posteriorly over the sacro- iliac joint or directly over the sacrum, it is called
 - breech presentation
 - occipito- posterior position
 - face presentation
 - none of these
- For the care and rehabilitation of mentally ill persons, Mental Health Act 1987 came into force in
 - 1991
 - 1992
 - 1993
 - 1994
- One of the factors which inhibits lactation, among the following is
 - feeds with bottles
 - suckling
 - emptying the breasts
 - night feeds

9. Each Community Health Centre covers a population of
(a) 80,000 – 1.20 lakh (b) 70,000 - 1.10 lakh
(c) 60,000- 1.00 lakh (d) 90,000 – 1.30 lakh
10. Incubation period of Pneumonia in children is
(a) 1- 2 days (b) 1- 3 days
(c) 2- 4 days (d) 2- 6 days
11. A nurse is caring for a female client who has suicidal tendencies. The nurse's responsibility is to
(a) observe her (b) give her privacy
(c) allow her to go to toilet alone (d) allow her to get fresh air
12. An example of physiological barrier of communication is
(a) congestion (b) emotional disturbance
(c) illiteracy (d) difficulties in hearing
13. A child who is diagnosed with Nephrotic syndrome should receivediet
(a) extra salt added (b) low protein
(c) high protein (d) none of these
14. The main events that occur in first stage of labour
(a) dilatation & effacement of cervix (b) full formation of lower uterine segment
(c) both (a) & (b) (d) none of these
15. Lochia serosa lasts for about
(a) 1- 4 days (b) 5- 9 days
(c) 10- 15 days (d) 15 – 20 days
16. Combined oral pills as a spacing method of contraception is given orally for 21 consecutive days beginning on the day of the menstrual cycle
(a) 4th (b) 5th
(c) 6th (d) 7th
17. Recurrent, episodic, paroxysmal, involuntary clinical events associated with abnormal electrical activity from the neurons is known as
(a) convulsion (b) meningitis
(c) encephalitis (d) epilepsy
18. Treatment of ADHD involves the following drugs EXCEPT
(a) amphetamine (b) antidepressants
(c) barbiturates (d) lithium carbonate
19. To uphold the dignity and honour of the nursing profession, Trained Nurses' Association of India (TNAI) was formed in
(a) 1908 (b) 1918
(c) 1949 (d) 1946
20. During foetal development, external genitalia develops in.....post conception
(a) 6- 8 weeks (b) 8- 12 weeks
(c) 12 – 24 weeks (d) 24 – 28 weeks

21. School health services provides which of the following?
(a) nutritional services (b) eye health
(c) remedial measures & follow up (d) all of these
22. A mental illness may be marked by all of the following EXCEPT
(a) unpopular beliefs (b) impairment in pre-existing functioning
(c) impoverishment of feelings (d) disturbance in behaviour
23. While performing routine antenatal examination, the nurse is aware that edema in pregnancy may be due to
(a) pre eclampsia (b) cardiac failure
(c) physiological (d) all of these
24. The first- line therapy for acute otitis media in children is
(a) cefuroxime (b) amoxicillin- clavulanic acid
(c) amoxicillin (d) azithromycin
25. Extremely depressed clients seem to do best in settings where they have
(a) multiple stimulus (b) routine activities
(c) minimal decision making (d) varied activities
26. Transition from the 1st stage to 2nd stage of labour is evidenced by
(a) increasing intensity of uterine contractions
(b) appearance of bearing down effort
(c) urge to defecate with descent of the presenting part
(d) all of these
27. Varicella zoster immune gamma globulin may be administered intramuscularly to infants for prevention of
(a) chicken pox (b) measles
(c) mumps (d) poliomyelitis
28. The advantages of using chalkboard as an AV Aids are as mentioned below Except
(a) it does not cause any noise (b) produces dust
(c) can be used anywhere (d) mistakes can be corrected immediately
29. According to the National Immunization Schedule, OPV booster dose is given at
(a) 10- 14 weeks (b) 9 – 12 months
(c) 16- 24 months (d) none of these
30. Children born with Tetralogy of Fallot (TOF) may become symptomaticafter birth
(a) any time (b) 1- 2 weeks
(c) 2- 4 weeks (d) 4- 6 weeks
31. Pregnancy induced hypertension (PIH) refers to
(a) pre eclampsia (b) gestational hypertension
(c) eclampsia (d) all of these
32. A behavioural therapy of sudden, direct and maximum exposure to the fear- producing stimulus is
(a) flooding (b) desensitization
(c) biofeedback (d) response prevention

33. The most peripheral contact point between the primary health care system and the community is
- (a) Community health centres (CHC)
 - (b) Primary health centres (PHC)
 - (c) Sub centre (SC)
 - (d) None of these
34. The process of assigning responsibility and authority to co- worker and ensuring his accountability is called
- (a) staffing
 - (b) planning
 - (c) decentralization
 - (d) delegation
35. The most common cause of antepartum haemorrhage (APH) is
- (a) cervical polyp
 - (b) unexplained cause
 - (c) placental bleeding
 - (d) local trauma
36. Mania is characterized by
- (a) paranoid delusion
 - (b) high self- esteem
 - (c) loss of insight
 - (d) loss of orientation
37. Demography is the scientific study of human population which includes the study of changes in
- (a) population size
 - (b) its composition
 - (c) its distribution
 - (d) all of these
38. The psychological disorders and problems that may be seen in children includes the following EXCEPT
- (a) tic
 - (b) delinquency
 - (c) enuresis
 - (d) phimosis
39. One of the disadvantages of over head projector as an AV Aids is
- (a) it provides one way communication
 - (b) eye contact can be maintained
 - (c) less pollutant
 - (d) cheapest of all projected aids
40. Pentavalent 1st dose is given at
- (a) birth
 - (b) 6 weeks
 - (c) 10 weeks
 - (d) 14 weeks
41. Health worker female will register:
- (a) pregnant women from 3 months of pregnancy onwards
 - (b) married women in the reproductive period
 - (c) children through systematic home visits and at clinics
 - (d) all of these
42. The primary nursing diagnosis for a female client with a medical diagnosis of major depression would be
- (a) situational low self- esteem R/T altered role
 - (b) powerlessness R/T loss of idealized self
 - (c) spiritual distress R/T depression
 - (d) impaired verbal communication R/T depression
43. Desmopressin (DDAVP), an analog of ADH is administered in children to treat
- (a) convulsions
 - (b) neurogenic diabetes insipidus
 - (c) encephalitis
 - (d) none of these
44. Under Five clinic service includes
- (a) care in illness
 - (b) family planning
 - (c) oral rehydration
 - (d) all of these

45. An increased pulsation, felt through the lateral fornices at 8th week of pregnancy is called
(a) Goodell's sign (b) Chadwick sign
(c) Oslander's sign (d) Piskaceli's sign
46. During neonatal period, anaemia may be caused by
(a) haemorrhage (b) hemolysis
(c) infections (d) all of these
47. The most crucial stage of labour is _____ of labour
(a) First Stage (b) Second stage
(c) Third stage (d) All stages
48. A 4years old child accidentally splashes detergents into his eyes. Eye decontamination may be achieved by copious irrigation with
(a) alkaline irrigating solution (b) water
(c) acid (d) none of these
49. A pregnancy in which the fertilized ovum is implanted and develops outside the normal uterine cavity is called
(a) vaginal fistula (b) ectopic pregnancy
(c) hydramnios (d) hydatiform mole
50. The principle of management which implies that for one action, an employee should receive orders from one superior only, is
(a) discipline (b) division of work
(c) unity of command (d) unity of direction
51. True postpartum haemorrhage is a blood loss in excess of 500ml which occurs
(a) subsequent to expulsion of placenta (b) before expulsion of placenta
(c) beyond 24 hours and within puerperium (d) none of these
52. Severe anaemia during pregnancy may contribute to complications such as
(a) pre-eclampsia (b) heart failure
(c) pre-term labour (d) all of these
53. In case of mild puerperal sepsis, lochial discharge is
(a) scanty (b) odourless
(c) offensive and copious (d) none of these
54. The term Oral Rehydration Therapy (ORT) refers to
(a) WHO recommended ORS solution (b) food based solutions
(c) solutions made from sugar & salt (d) all of these
55. A client with schizophrenia hears a voice telling him he is evil and must die. This implies that the client is experiencing
(a) a delusion (b) flight of ideas
(c) ideas of reference (d) a hallucination
56. Indications for episiotomy may include EXCEPT
(a) rigid perineum (b) anticipating perineal tear
(c) all cases of vaginal delivery (d) previous perineal surgery

57. The maximum possible score in Apgar scoring is
(a) 10 (b) 12
(c) 8 (d) 6
58. Prolonged deficiency of vitamin A in children's diet may result in a syndrome of
(a) Marasmus (b) Kwashiorkor
(c) Xerophthalmia (d) none of these
59. The drugs of varying chemical nature that have the power to excite contractions of the uterine muscles
(a) Prostaglandins (b) Oxytocics
(c) Oxytocin (d) Ergot derivatives
60. The uterus, at term pregnancy, measures about _____ in length
(a) 20 cm (b) 25 cm
(c) 30 cm (d) 35 cm
61. Treatment for Rheumatic fever in children includes
(a) bed rest & diet (b) penicillin
(c) suppressive therapy (d) all of these
62. Dissolution in the continuity of the uterine wall any time beyond 28 weeks of pregnancy is called
(a) Subinvolution (b) Oligohydramnios
(c) Rupture of uterus (d) None of these
63. A training programme which is intended to acquaint a newly hires employee with job responsibilities, work place, clients and co- workers is called
(a) job orientation (b) in-service education
(c) continuing education (d) none of these
64. The process of fusion of the spermatozoon with the mature ovum is called
(a) Fertilization (b) Implantation
(c) Ovulation (d) Oogenesis
65. The relative indication for caesarean section is
(a) central placenta praevia (b) malpresentation
(c) pelvic mass (d) contracted pelvis

Direction to question no 66 to 67: what number comes next in the series?

66. 2, 4, 8, 16, 32, 64,
(a) 88 (b) 92
(c) 106 (d) 128
67. 3, 5, 9, 17,, 65, 129
(a) 33 (b) 34
(c) 35 (d) 36

Directions to question No 68 & 69: Establish the relationship among the given pair of words and identify the pair that best illustrates a similar relationship from among the alternatives.

68. Simmer : Boil ::

- (a) glide : drift (b) drizzle : downpour
(c) gambol : play (d) stagnate : flow

69. Key : Ignition ::

- (a) helmet : motorcycle (b) boot : saddle
(c) switch : light (d) pad : helicopter

70. Find the odd word out

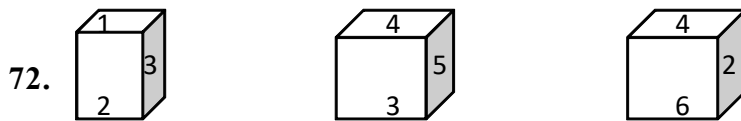
- (a) Yen (b) Rupee
(c) Euro (d) Ringgit

Directions for Question No 71: A large cube, painted blue on all six faces, is cut into 27 smaller identical cubes

71. How many of the smaller cubes have exactly one face painted blue?

- (a) 4 (b) 8
(c) 6 (d) 10

Directions for Question No 72: Answer the following on the basis of the different cubes shown below

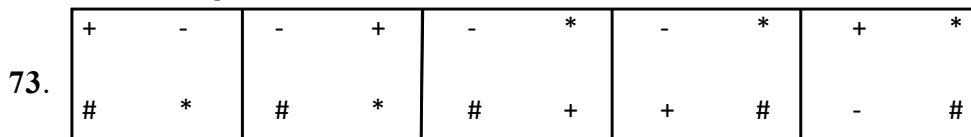


Which number is on the opposite face to the number 3?

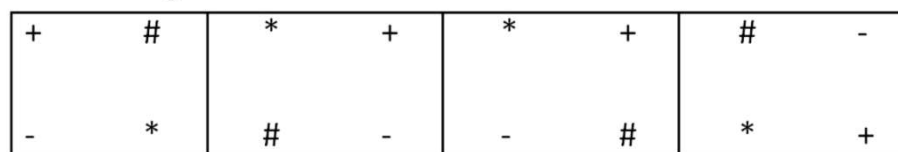
- (a) 1 (b) 4
(c) 6 (d) 5

Directions for Question No 73 to 75: find out the correct answer out of the four answer figures, if the problem figure continue in the same sequence.

Problem Figures



Answer figures



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

Problem Figures

74.

→	—	→	—	→
	←	→	←	→
			←	→

—	←	—	→
→	←	←	←
→	←	←	←
→		←	←

(a)

(b)

(c)

(d)

Problem Figures

75.

+	↓ +	X	↓	X +
X	↑	X	↑ + X	↑

+	X	↓	X	X	
	↑	+		+	X
				↑	↑

(a)

(b)

(c)

(d)
