

Assistant Professor in Nursing-Medical Education Medium of
Question : English Date of Test : 09/02/2018

1. Who wrote the biography of Prophet Muhammed for the first time in Malayalam language named “Nabinanayam”?

- A. Makthi Thangal
- B. E.V. Krishna Pillai
- C. Sayed Muhammed Hamadani Thangal
- D. Vakkom Moulavi

Answer: (A) Makthi Thangal

Rationale: Sayyid Sanaulla Makthi Thangal was a 19th-century social reformer and the first to write a biography of the Prophet in Malayalam.

2. Which social reformer was known as ‘The Kerala Spartacus’?

- A. Vaikunda Swamikal
- B. Thycaud Aiya
- C. Dr. Paplu
- D. Ayyankali

Answer: (D) Ayyankali

Rationale: Ayyankali is often referred to as "The Kerala Spartacus" due to his fierce leadership in the struggle for the rights of the oppressed and Dalits in Kerala.

3. T.D. Ramakrishnan bags the famous Vayalar award for 2017. Which is the award winning novel?

- A. Sirajunnisa
- B. Alpha
- C. Francis Itty Cora
- D. Sugandhi Enna Andal Devanayaki

Answer: (D) Sugandhi Enna Andal Devanayaki

Rationale: This novel by T.D. Ramakrishnan won the Vayalar Award in 2017 for its unique narrative and thematic depth.

4. Who was known as “Dasarji”?

- A. P.S. Mohammed
- B. Dr. Ayyathan Gopalan
- C. K. Sukumaran
- D. Mannath Padmanabhan

Answer: (A) P.S. Mohammed

Rationale: P.S. Mohammed was a prominent figure in the independence movement and social reform, known affectionately as Dasarji.

5. Who started *Sabari Ashram* at Olavakkode in 1923?

- A. K.P. Kesava Menon
- B. E.V.R. Naicker
- C. T.R. Krishnaswamy Iyer
- D. Mullasseril Narayanan Nambi

Answer: (C) T.R. Krishnaswamy Iyer

Rationale: Sabari Ashram was founded by T.R. Krishnaswamy Iyer to promote Gandhian ideals and social equality.

6. Which Christian Missionary was known as ‘The Father of Malayalam Script’?

- A. Benjamin Bailey
- B. William Carrey
- C. Herman Gundert
- D. Charles Mead

Answer: (A) Benjamin Bailey

Rationale: Benjamin Bailey is credited with revolutionizing Malayalam printing and standardizing the modern script.

7. Who was the father of Muslim Renaissance Movement in Kerala?

- A. Fazal Ali Thangal
- B. Ali Musaliyar
- C. Vakkom Abdul Qadir Moulavi
- D. Hamadani Thangal

Answer: (C) Vakkom Abdul Qadir Moulavi

Rationale: Vakkom Moulavi was a key figure who advocated for modern education and social reform among Muslims in Kerala.

8. Who wrote the Malayalam drama, “Ningal Enne Communistakki”?

- A. Srikandan Nair
- B. Omcheri
- C. N.N. Pillai
- D. Thoppil Bhasi

Answer: (D) Thoppil Bhasi

Rationale: This 1952 play by Thoppil Bhasi was a landmark in the history of Malayalam political theatre.

9. Who wrote the Preamble of the Indian Constitution?

- A. Dr. B.R. Ambedkar
- B. John Mathai
- C. Jawaharlal Nehru
- D. Dr. Rajendra Prasad

Answer: (C) Jawaharlal Nehru

Rationale: The Preamble is based on the "Objectives Resolution" drafted and moved by Jawaharlal Nehru in the Constituent Assembly.

10. International Yoga Day is on:

- A. June 21
- B. July 21
- C. August 21
- D. September 21

Answer: (A) June 21

Rationale: Declared by the UN, June 21st coincides with the summer solstice, the longest day of the year in the Northern Hemisphere.

11. "Not to argue and win, But to learn and let learn" - the slogan of:

- A. The Religious Conference at Alwaye
- B. The Slogan of Saksharatha Mission
- C. The Maraman Convention
- D. The First meeting of Travancore Sri Mulam Praja Sabha

Answer: (A) The Religious Conference at Alwaye

Rationale: This was the motto of the 1924 All-Religious Conference held at Aluva, organized by Sree Narayana Guru.

12. The Rohingyas were the natives of:

- A. Sumatra
- B. Rakhine
- C. Brunei
- D. Taunggyi

Answer: (B) Rakhine

Rationale: The Rohingya people are a stateless Indo-Aryan ethnic group predominantly residing in Rakhine State, Myanmar.

13. How many High Courts are there in India?

- (A) 29
- (B) 21
- (C) 24
- (D) 23

Answer: (C) 24

Rationale: At the time of the exam (2018), there were 24 High Courts. (Note: Currently there are 25).

14.The Twenty Second Asian Athletic Championship - 2017 was held at:

- A. Hyderabad
- B. Bhopal
- C. Punjab
- D. Odisha

Answer: (D) Odisha

Rationale: The event took place at the Kalinga Stadium in Bhubaneswar, Odisha.

15.AMAZON - The largest Internet based Retailer in the world was founded by:

- A. Jack Ma
- B. Sergey Bin and Larry Page
- C. Sachin Bansal and Binny Bansal
- D. Jeff Bezos

Answer: (D) Jeff Bezos

Rationale: Jeff Bezos founded Amazon in 1994, originally as an online bookstore.

16.As per the Chinese New Year, every 12 years there is a:

- A. Wolf Year
- B. Rooster Year
- C. Cow year
- D. Fox year

Answer: (B) Rooster Year

Rationale: The Chinese zodiac follows a 12-year cycle of animals; the Rooster is one of those twelve (the Cow/Ox is also one, but the Rooster was the specific cycle around 2017).

17.Nathu La is situated at:

- A. Sikkim
- B. Arunachal Pradesh
- C. Kashmir
- D. Nagaland

Answer: (A) Sikkim

Rationale: Nathu La is a mountain pass in the Himalayas connecting Sikkim with Tibet.

18.The Article 17 of Indian Constitution refers:

- (A) Freedom
- (B) Untouchability
- (C) Writ Petition
- (D) Compulsory Education

Answer: (B) Untouchability

Rationale: Article 17 abolishes "Untouchability" and forbids its practice in any form.

19.The Central Government programme for the betterment of Slum Dwellers:

- A. Pradhan Mantri Mudra Yojana
- B. Valmiki Ambedkar Aawas Yojana
- C. Pradhan Mantri Matritva Vandana Yojana
- D. Deen Dayal Antyodaya Yojana

Answer: (B) Valmiki Ambedkar Aawas Yojana

Rationale: VAMBAY was launched to provide housing and improve the living conditions of slum dwellers.

20.What is the official language of Maldives?

- A. Mahal
- B. Jesry
- C. Dhivehi
- D. Urdu

Answer: (C) Dhivehi

Rationale: Dhivehi (or Maldivian) is an Indo-Aryan language spoken as the official language in the Maldives.

21.A 35 year old primigravida came to the antenatal clinic at 16 weeks of gestation. She was instructed to perform Triple test. This test is used for the evaluation of:

- A. Hydrops fetalis
- B. Down's Syndrome
- C. Congenital hypothyroidism
- D. Phenyl Ketonuria

Answer: (B) Down's Syndrome

Rationale: The triple test (AFP, hCG, and estriol) is a screening tool used to assess the risk of chromosomal abnormalities like Down's Syndrome.

22. Which of the following is the drug of choice for the management of endometriosis?

- A. Estrogen
- B. Human menopausal gonadotropin
- C. Danazol
- D. Duadilan

Answer: (C) Danazol

Rationale: Danazol suppresses the pituitary-ovarian axis, which helps reduce the growth of ectopic endometrial tissue.

23. Benign ingrowing of the endometrium into the myometrium is known as:

- A. Adenomyosis
- B. Endometritis
- C. Endometriosis
- D. Leiomyoma

Answer: (A) Adenomyosis

Rationale: Adenomyosis is specifically the presence of endometrial tissue within the muscle wall (myometrium) of the uterus.

24. Active management of third stage of labour includes all the following except:

- A. Early cord clamping
- B. Applying suprapubic pressure
- C. Prophylactic oxytocics after delivery of anterior shoulder
- D. Controlled cord traction

Answer: (A) Early cord clamping

Rationale: Current guidelines for active management prioritize delayed cord clamping to benefit the newborn, whereas prophylactic oxytocics and traction are standard AMTSL components.

25. A primigravida in 34 weeks of gestation was admitted in the obstetrics ICU with severe preeclampsia. She was on Magnesium Sulphate therapy. The nurse should assess all the following before administering next dose of Magnesium Sulphate except:

- A. Pupillary response
- B. Respiratory rate
- C. Urine output
- D. Deep Tendon Reflexes

Answer: (A) Pupillary response

Rationale: Monitoring Magnesium toxicity focuses on RR, urine output, and patellar reflexes (DTRs), not typically pupillary response.

26. Which of the following is not a sign of placental separation?

- A. Uterus becomes hard and globular
- B. The extra vulval portion of the umbilical cord shortens
- C. The uterus rises in the abdomen
- D. There is a gush of blood from the vagina

Answer: (B) The extra vulval portion of the umbilical cord shortens

Rationale: Upon separation, the umbilical cord actually lengthens (advances out of the vagina), it does not shorten.

27. Couvelaire uterus is a feature of which of the following condition?

- A. Hour glass contraction
- B. Uterine inversion
- C. Endometriosis
- D. Abruptio placenta

Answer: (D) Abruptio placenta

Rationale: It occurs when blood infiltrates the myometrium in cases of severe placental abruption, giving the uterus a purple, mottled appearance.

28. A primigravida is admitted in the labour room. She is in the active stage of labour. She is getting inhalational analgesia for pain control. Which is the commonly used inhalational analgesia:

- A. Halothane
- B. Nitric oxide
- C. Entonox
- D. Bupivacain

Answer: (C) Entonox

Rationale: Entonox is a 50/50 mixture of nitrous oxide and oxygen commonly used for self-administered pain relief in labour.

29. A primi parturient is in the second stage of labour. Head of the baby is delivered. But there is no progress in labour even after 2 minutes. As a midwife which of the following measure you will adopt to overcome the situation:

- A. Perform Zavenelli Maneuver
- B. Administer IV oxytocin to increase strength of contraction
- C. Wait for 10 minutes for spontaneous delivery
- D. Perform Mc Robert's Maneuver

Answer: (D) Perform Mc Robert's Maneuver

Rationale: This is the first-line maneuver for shoulder dystocia, involving hyperflexion of the mother's legs against her abdomen.

30. Use of Ventouse in the second stage of labour is contraindicated in:

- A. Persistent occipito posterior
- B. Failure of secondary powers
- C. Preterm delivery
- D. Pre eclampsia

Answer: (C) Preterm delivery

Rationale: Vacuum extraction is avoided in preterm babies (<34 weeks) due to the risk of intracranial hemorrhage and scalp trauma.

31. A nurse is monitoring the fetal heart rate of a woman in 38 weeks of gestation using a CTG. For interpretation of the FHR she should know the baseline FHR which is between:

- A. 100 - 200 bpm
- B. 110 - 150 bpm
- C. 120 - 180 bpm
- D. 100 - 120 bpm

Answer: (B) 110 - 150 bpm

Rationale: The normal baseline fetal heart rate at term is generally considered to be 110–160 bpm (110–150 is the closest option).

32. Which of the following is not a component of the Bishop's score?

- A. Station of the head
- B. Consistency of the cervix
- C. Position of the head
- D. Cervical dilatation

Answer: (C) Position of the head

Rationale: Bishop's score evaluates Dilatation, Effacement, Consistency, Position (of the *cervix*), and Station (of the head). Head *position* (e.g., OP vs OA) is not a component.

33. A woman in the fourth stage of labour developed severe Postpartum Haemorrhage. Which of the following is a complication of severe PPH?

- A. Kartagener's Syndrome
- B. Asherman's Syndrome
- C. Chorio Carcinoma
- D. Sheehan's Syndrome

Answer: (D) Sheehan's Syndrome

Rationale: Sheehan's syndrome is pituitary necrosis resulting from severe hypotension during or after childbirth.

34. A primigravida presents to the labour room at 34 weeks of gestation with acute abdominal pain for 2 hours, vaginal bleeding and decreased fetal movements. She should be managed by:

- A. Immediate induction of labour by oxytocics
- B. Immediate caesarean section
- C. Magnesium sulphate therapy
- D. Watchful expectancy

Answer: (B) Immediate caesarean section

Rationale: Acute pain and bleeding with fetal distress (decreased movements) suggest severe placental abruption, requiring emergent delivery.

35. During the infertility work up of a male partner, semen analysis shows most of the sperms are in abnormal form. What is the medical term used to denote abnormal form of sperms?

- A. Terato Zoospermia
- B. Asthenospermia
- C. Azoospermia
- D. Aspermia

Answer: (A) Terato Zoospermia

Rationale: Teratozoospermia refers to an increase in sperm with abnormal morphology.

36. Blood volume in a neonate is:

- A. 85 ml/kg bodyweight
- B. 75 ml/kg bodyweight
- C. 65 ml/kg bodyweight
- D. 95 ml/kg bodyweight

Answer: (A) 85 ml/kg bodyweight

Rationale: Newborns have a higher blood volume per kilogram compared to adults, typically cited around 80–85 ml/kg.

37. In chest X-ray boot shaped appearance of heart is seen in:

- A. Atrial septal defect
- B. Ventricular septal defect
- C. Tetralogy of Fallot
- D. Patent ductus arteriosus

Answer: (C) Tetralogy of Fallot

Rationale: The "Coeur en sabot" (boot-shaped heart) is classic for TOF due to right ventricular hypertrophy.

38.Milk secretion reflex in breastfeeding occurs due to release of:

- A. Oxytocin
- B. Prolactin
- C. Estrogen
- D. Vasopressin

Answer: (A) Oxytocin

Rationale: Oxytocin causes the contraction of myoepithelial cells (let-down reflex), while Prolactin is responsible for milk *production*.

39.Temperature to be maintained for storage and transport of vaccine is:

- A. 0 degree Celsius
- B. 2 - 8 degree Celsius
- C. -20 degree Celsius
- D. 20 degree Celsius

Answer: (B) 2 - 8 degree Celsius

Rationale: Most routine vaccines in the cold chain must be kept between +2°C and +8°C.

40.Pink colour in Colour code classification of IMNCI guideline indicates:

- A. Hospital referral
- B. Initiation of treatment
- C. Home treatment
- D. None of the above

Answer: (A) Hospital referral

Rationale: In IMNCI, Pink indicates a severe classification requiring urgent hospital referral.

41.The antidote used in paracetamol toxicity is:

- A. Isoproterenol
- B. Desferrioxamine
- C. Atropine
- D. N-acetylcysteine

Answer: (D) N-acetylcysteine

Rationale: NAC replenishes glutathione stores to detoxify the toxic metabolite of paracetamol (NAPQI).

42.Dyslexia means:

- A. Difficulty in reading
- B. Difficulty in writing
- C. Difficulty in mathematics
- D. Difficulty in reasoning

Answer: (A) Difficulty in reading

Rationale: Dyslexia is a learning disorder characterized by difficulty reading due to problems identifying speech sounds and learning how they relate to letters and words.

43.In klinefelters syndrome chromosomal abnormality is represented as:

- A. XO
- B. XXY
- C. XYY
- D. XXX

Answer: (B) XXY

Rationale: Klinefelter syndrome typically involves males having an extra X chromosome.

44.Duhamel surgery is done in correcting:

- A. Cleft palate
- B. Cleft lip
- C. Pyloric stenosis
- D. Hirschsprung's disease

Answer: (D) Hirschsprung's disease

Rationale: The Duhamel procedure is one of the surgical techniques used to treat Hirschsprung's disease.

45.In thalassaemia mode of genetic transmission is:

- A. x linked recessive
- B. Autosomal recessive
- C. Autosomal dominant
- D. x linked dominant

Answer: (B) Autosomal recessive

Rationale: Both parents must carry the defective gene for a child to manifest the disease.

46.Type of play in toddler is:

- A. Parallel play
- B. Solitary play
- C. Cooperative play

D. Imaginative play

Answer: (A) Parallel play

Rationale: Toddlers (1–3 years) typically play alongside other children without interacting with them directly.

47.The process of elimination of defective gene by medical engineering is known as:

- A. Euthenics
- B. Dysgenics
- C. Eugenics
- D. Euphenics

Answer: (C) Eugenics

Rationale: Negative eugenics aims to reduce the inheritance of undesirable traits or genes. (Note: Euphenics relates to phenotypic improvement after birth).

48.The upper segment to lower segment ratio in a baby at birth is:

- A. 1
- B. 1.4
- C. 1.7
- D. 1.5

Answer: (C) 1.7

Rationale: At birth, the US:LS ratio is approximately 1.7:1; it decreases to 1:1 by age 10.

49.Baby friendly hospital initiative was launched by WHO in the year:

- A. 1992
- B. 1991
- C. 1993
- D. 1994

Answer: (B) 1991

Rationale: BFHI was launched by WHO and UNICEF in 1991 to protect, promote, and support breastfeeding.

50.Olive shaped mass on palpation felt in epigastrium is a finding in:

- A. Hirschsprung disease
- B. Rectal atresia
- C. Intussusception
- D. Pyloric stenosis

Answer: (D) Pyloric stenosis

Rationale: A palpable "olive-shaped" mass in the RUQ/epigastrium is a classic physical exam finding for Hypertrophic Pyloric Stenosis.

51.The most common opportunistic infection associated with AIDS:

- A. Pneumocystic pneumonia
- B. Tuberculosis
- C. Oral candidiasis
- D. Cryptococcus neoformans

Answer: (B) Tuberculosis

Rationale: Globally, TB is the leading cause of death and the most common opportunistic infection among people living with HIV/AIDS.

52.An early sign of acute respiratory failure:

- A. Cyanosis
- B. Restlessness
- C. Paradoxic chest movement
- D. Arrhythmia

Answer: (B) Restlessness

Rationale: Restlessness and anxiety are early signs of hypoxia before cyanosis appears.

53.The ideal ‘door to needle’ time for administration of fibrinolytic therapy in patients with acute ischemic stroke is:

- A. 45 minutes
- B. 60 minutes
- C. 90 minutes
- D. 3 hours

Answer: (B) 60 minutes

Rationale: Stroke guidelines generally target a door-to-needle time of 60 minutes or less to optimize outcomes.

54.The haemodynamic changes after successful initiation of an intra aortic balloon pump in a patient with cardiogenic shock include:

- A. Decreased systemic vascular resistance and decreased stroke volume
- B. Increased diastolic BP and decreased systolic BP
- C. Decreased PAWP and increased cardiac output
- D. Decreased CVP and increased right atrial pressure

Answer: (B) Increased diastolic BP and decreased systolic BP

Rationale: IABP increases coronary perfusion by inflating during diastole (increasing diastolic BP) and decreases afterload (systolic BP) by deflating just before systole.

55. Which of the following is not involved in VAP care bundle?

- A. Oral care
- B. Subglottic suction
- C. DVT prophylaxis
- D. Humidification

Answer: (D) Humidification

Rationale: Standard VAP bundles include head-of-bed elevation, oral care (chlorhexidine), sedation vacations, PUD prophylaxis, and DVT prophylaxis. Humidification is standard care but not a primary VAP *prevention* bundle item.

56. The primary acid-base imbalance seen in Acute Kidney Injury is:

- A. Metabolic Acidosis
- B. Respiratory Acidosis
- C. Metabolic Alkalosis
- D. Respiratory Alkalosis

Answer: (A) Metabolic Acidosis

Rationale: AKI leads to the accumulation of organic acids and decreased hydrogen ion excretion.

57. The most common electrolyte abnormality seen in patients with pancreatitis is:

- A. Hypokalemia
- B. Hypocalcemia
- C. Hyperkalemia
- D. Hypercalcemia

Answer: (B) Hypocalcemia

Rationale: Saponification of calcium in necrotic fat is a classic mechanism for hypocalcemia in acute pancreatitis.

58. Paralytic ileus occurs in patients with burns involving total body surface area greater than:

- A. 20%
- B. 30%
- C. 40%
- D. 45%

Answer: (A) 20%

Rationale: Significant burns (>20%) often cause a systemic response leading to decreased gastrointestinal motility.

59. Which of the following disease does not require airborne precaution?

- A. Chickenpox
- B. H1N1
- C. Tuberculosis
- D. Measles

Answer: (B) H1N1

Rationale: H1N1 (Influenza) requires droplet precautions, whereas Chickenpox, TB, and Measles are airborne.

60. Radioactive isotope used in the treatment of metastatic bone lesion is:

- A. Iodine 131
- B. Phosphorous 32
- C. Yttrium 90
- D. Samarium 153

Answer: (D) Samarium 153

Rationale: Samarium Lexidronam (Sm-153) is a bone-seeking radiopharmaceutical used for pain palliation in bone metastases.

61. Which of the following rhythm is considered as lethal dysrhythmia?

- A. Idioventricular rhythm
- B. Junctional escape rhythm
- C. Premature atrial contraction
- D. Multifocal atrial tachycardia

Answer: (A) Idioventricular rhythm

Rationale: An idioventricular rhythm (especially if slow) indicates a failing heart and can quickly lead to asystole or VT/VF.

62. Humidification of oxygen is recommended when oxygen flow is greater than:

- A. 4 L/minute
- B. 5 L/minute
- C. 6 L/minute
- D. 7 L/minute

Answer: (A) 4 L/minute

Rationale: High flows (>4LPM) through a nasal cannula dry out the nasal mucosa, making humidification necessary.

63. An antidysrhythmic drug that possesses some characteristic of all groups of antidysrhythmic drugs:

- A. Lidocaine
- B. Amiodarone
- C. Adenosine
- D. Procainamide

Answer: (B) Amiodarone

Rationale: While primarily a Class III agent, amiodarone has Class I, II, and IV activities.

64. The mean arterial pressure to be maintained to maintain the perfusion of the spinal cord after spinal cord injury:

- A. 75 - 80 mm Hg
- B. 85 - 90 mm Hg
- C. 90 - 95 mm Hg
- D. 95 - 100 mm Hg

Answer: (B) 85 - 90 mm Hg

Rationale: Guidelines suggest maintaining MAP between 85–90 mmHg for 7 days post-injury to optimize cord perfusion.

65. Which of the following is not a contraindication for nasotracheal intubation?

- A. Mandibular fracture
- B. Frontal sinus fracture
- C. Basilar skull fracture
- D. Cribriform plate fracture

Answer: (A) Mandibular fracture

Rationale: Nasotracheal intubation is often *preferred* in mandibular fractures where mouth opening is restricted. Basilar or cribriform fractures are major contraindications due to the risk of intracranial placement.

66. When was the first national health policy formulated?

- A. 1980
- B. 1983
- C. 1987
- D. 2002

Answer: (B) 1983

Rationale: India's first National Health Policy was formulated in 1983.

67. World immunization week is observed every year during:

- A. Last week of April
- B. Last week of June
- C. Last week of August
- D. Last week of December

Answer: (A) Last week of April

Rationale: World Immunization Week is observed globally in the last week of April.

68.Name of mission launched by Ministry of Health and Family Welfare with the aim of expanding immunization coverage in 2014:

- A. Mission Rainbow
- B. Mission Bagiratha
- C. Mission Prahar
- D. Mission Indradhanush

Answer: (D) Mission Indradhanush

Rationale: Mission Indradhanush was launched in December 2014 to ensure full immunization for children and pregnant women.

69.What numerator is used in computing general fertility rate?

- A. Estimated midyear population
- B. Number of pregnancies in the year
- C. Number of registered live births
- D. Number of females of reproductive age

Answer: (C) Number of registered live births

Rationale: $GFR = (\text{Total number of live births} / \text{Mid-year female population aged 15-49}) \times 1000$.

70.Unused BCG should be discarded how many hours after reconstitution?

- A. 2 hours
- B. 6 hours
- C. 4 hours
- D. At the end of the day

Answer: (B) 6 hours

Rationale: Reconstituted BCG is highly unstable and should be discarded after 6 hours or at the end of the session, whichever is earlier.

71.Which of the following clients should be classified as a case of multibacillary leprosy?

- A. 5 skin lesions, positive slit skin smear
- B. 3 skin lesions, positive slit skin smear

- C. 5 skin lesions, negative slit skin smear
- D. 3 skin lesions, negative slit skin smear

Answer: (A) 5 skin lesions, positive slit skin smear

Rationale: MB leprosy is defined by >5 lesions or a positive smear regardless of lesion count. (However, most standard classifications say *more than 5* lesions; option A is the most accurate MB profile here).

72. Which biological used in EPI should not be stored in the freezer?

- A. OPV
- B. DPT
- C. Measles vaccine
- D. MMR

Answer: (B) DPT

Rationale: DPT is a freeze-sensitive vaccine and loses potency if frozen.

73. To prevent xerophthalmia, young children are given Retinol capsule every 6 months. What is the dose given to preschoolers?

- A. 10,000 IU
- B. 20,000 IU
- C. 200,000 IU
- D. 100,000 IU

Answer: (C) 200,000 IU

Rationale: The standard semi-annual dose for children aged 1–5 years is 200,000 IU.

74. Among children aged 2 months to 3 years, the most prevalent form of *meningitis* is caused by which microorganism?

- A. *Neisseria meningitides*
- B. Morbillivirus
- C. *Streptococcus Pneumoniae*
- D. *Hemophilus Influenzae*

Answer: (D) *Hemophilus Influenzae*

Rationale: Historically, *H. influenzae* type b (Hib) was the most common cause in this age group prior to widespread vaccination.

75. To improve compliance to treatment, what innovation is being implemented in DOTS?

- A. Having the health worker follow up the client at home
- B. Having the patient come to the health center every month to get his medications
- C. Having the health worker or a responsible family member monitor drug intake

- D. Having a target list to check on whether the patient has collected his monthly supply of drugs

Answer: (C) Having the health worker or a responsible family member monitor drug intake

Rationale: Directly Observed Treatment Short-course (DOTS) relies on direct observation of the patient taking medication.

76. Which demographic tool may be used to describe the sex composition of the population?

- A. Sex ratio
- B. Sex proportion
- C. Population pyramid
- D. Any of these may be used

Answer: (D) Any of these may be used

Rationale: All three metrics provide data on the distribution of males and females in a population.

77. Isolation of a child with measles belongs to what level of prevention?

- A. Tertiary
- B. Primary
- C. Secondary
- D. Intermediate

Answer: (B) Primary

Rationale: Isolation prevents the *spread* of disease to others (pre-pathogenesis in the healthy population), though some define it as secondary if viewed as part of case management. (Standardly, it's often cited as primary prevention for the community).

78. When patients cannot make decisions for themselves, the nurse advocate relies on the ethical principle of?

- A. Justice and beneficence
- B. Fidelity and nonmaleficence
- C. Fidelity and justice
- D. Beneficence and nonmaleficence

Answer: (D) Beneficence and nonmaleficence

Rationale: Acting in the patient's best interest (beneficence) and preventing harm (nonmaleficence) are central when a patient is incapacitated.

79. Which of the following is the most important treatment of patients with Dengue H-fever?

- A. Replacement of body fluids

- B. Give aspirin for fever
- C. Avoid unnecessary movement
- D. Ice cap over abdomen in case of melena

Answer: (A) Replacement of body fluids

Rationale: Fluid replacement is critical to prevent or treat Dengue Shock Syndrome. Aspirin is contraindicated due to bleeding risk.

80. Which of the following is an epidemiologic function of the nurse during an epidemic?

- A. Conducting assessment of suspected cases to detect the communicable diseases
- B. Monitoring the condition of the cases affected by the communicable disease
- C. Teaching the community on preventive measures against the disease
- D. Participating in the investigation to determine the source of epidemic

Answer: (D) Participating in the investigation to determine the source of epidemic

Rationale: Investigation into the source and patterns of spread is a core epidemiologic function.

81. Which theorist help a manager to understand that employees engage in behaviours that bring about desired outcomes to them?

- A. Abraham Maslow
- B. Clayton Alderfer
- C. Frederick Herzberg
- D. Victor Vroom

Answer: (D) Victor Vroom

Rationale: Vroom's Expectancy Theory states that individuals are motivated to perform if they believe their effort will lead to a desired reward/outcome.

82. Which type of evaluation is most suited for qualitative assessment?

- A. Criterion referenced evaluation
- B. Norm referenced evaluation
- C. Formative evaluation
- D. Summative evaluation

Answer: (C) Formative evaluation

Rationale: Formative evaluation is ongoing and provides qualitative feedback to improve learning or performance.

83. "Vital few, trivial many" is explained in ____.

- A. Theory Z
- B. Pareto Principle
- C. Time motion studies

D. Commitment principle

Answer: (B) Pareto Principle

Rationale: The 80/20 rule states that roughly 80% of consequences come from 20% of causes (the vital few).

84. Most empowering leadership style is ____.

- A. Autocratic
- B. Democratic
- C. Transformational
- D. Transactional

Answer: (C) Transformational

Rationale: Transformational leaders inspire and empower followers to achieve extraordinary outcomes and develop their own leadership capacity.

85. Which among the following is not an advantage of lecture method?

- A. Time saving
- B. Enables clarification of doubts
- C. Encourages passive learners
- D. Allows addition of newest information

Answer: (C) Encourages passive learners

Rationale: Encouraging passivity is a *disadvantage* of the lecture method, not an advantage.

86. Who developed kindergarten system of education?

- A. Friedrich Froebel
- B. Maria Montessori
- C. Rabindranath Tagore
- D. Johann Heinrich Pestalozzi

Answer: (A) Friedrich Froebel

Rationale: Friedrich Froebel opened the first kindergarten in Germany in 1837.

87. In paired comparison technique of ranking, number of comparisons involved is ____ where 'N' stands for the number of men to be rated.

- A. $(N - 2)(N - 1) / 3$
- B. $(N^2 - 1) / 2$
- C. $(N^2 - 1) / N$
- D. $N(N - 1) / 2$

Answer: (D) $N(N - 1) / 2$

Rationale: This is the standard formula for calculating the total number of unique pairs in a group of N items.

88. Specific instructional activities and procedures that a teacher may use in his/her classroom is ____.

- A. Audiovisual aids
- B. Information giving
- C. Teaching skills
- D. Behavioural modifications

Answer: (C) Teaching skills

Rationale: Teaching skills refer to specific instructional behaviors and procedures used to facilitate learning.

89. Fidelity actually means:

- A. Keeping one's promises
- B. Telling truth always
- C. Doing no harm to the patient
- D. There is negligence

Answer: (A) Keeping one's promises

Rationale: In ethics, fidelity refers to faithfulness and keeping commitments or promises.

90. ____ is the best indicator of student interaction.

- A. Participation in co-curricular activities
- B. Sociogram
- C. Helping mentality
- D. Attention seeking behaviour

Answer: (B) Sociogram

Rationale: A sociogram is a graphic representation of social links/interactions within a group.

91. Cognitive restructuring technique including all of the following except ____.

- A. Positive self-talk
- B. Reframing
- C. Relaxation
- D. Decatastro Phizing

Answer: (C) Relaxation

Rationale: While often used in CBT, relaxation is a physiological/behavioral technique, not a purely cognitive "restructuring" method like reframing or decatastrophizing.

92. In EEG Alpha waves are prominent over ____.

- A. Frontal region
- B. Occipital region
- C. Parietal region
- D. Temporal region

Answer: (B) Occipital region

Rationale: Alpha waves are most prominent in the posterior (occipital) regions of the head when a person is relaxed with eyes closed.

93. Pareidolia is a kind of ____.

- A. Illusion
- B. Hallucination
- C. Delusion
- D. Derealisation

Answer: (A) Illusion

Rationale: Pareidolia is a type of illusion where a vague or random stimulus is perceived as significant (e.g., seeing faces in clouds).

94. Emotions which is commonly seen in a passive aggressive personality disorder:

- A. Depression
- B. Guilt
- C. Anger
- D. Fear

Answer: (C) Anger

Rationale: Passive-aggressive behavior is often an indirect expression of latent anger or resentment.

95. Floccillation is characteristically seen in ____.

- A. Dementia
- B. Dissociation
- C. Depression
- D. Delirium

Answer: (D) Delirium

Rationale: Floccillation (aimless picking at bedclothes) is a sign of a delirious or semi-conscious state.

96. Which of the following drug is used to treat enuresis?

- A. Imipramine
- B. Methylphenidate

- C. Olanzapine
- D. Risperidone

Answer: (A) Imipramine

Rationale: Imipramine (a tricyclic antidepressant) is sometimes used to treat bedwetting in children.

97.Narcotic Drugs and Psychotropic Substance Act (NDPSA) passed in the year of ____.

- A. 1978
- B. 1985
- C. 1980
- D. 1989

Answer: (B) 1985

Rationale: The NDPS Act was passed by the Indian Parliament in 1985.

98.Capgra's syndrome is most commonly seen in ____.

- A. Catatonic Schizophrenia
- B. Hebephrenic Schizophrenia
- C. Simple Schizophrenia
- D. Paranoid Schizophrenia

Answer: (D) Paranoid Schizophrenia

Rationale: Capgras syndrome (the delusion that a close person has been replaced by an impostor) is most frequently associated with paranoid schizophrenia.

99.Fear of cat is ____.

- A. Ailurophobia
- B. Apiphobia
- C. Arachnophobia
- D. Astraphobia

Answer: (A) Ailurophobia

Rationale: Ailurophobia is the irrational fear of cats.

100.Tuberous sclerosis found with greater frequency in ____.

- A. Mental Retardation
- B. Autism
- C. Tic disorder
- D. Attention Deficit and Hyperactivity Disorder

Answer: (B) Autism

Rationale: There is a well-documented high prevalence of Autism Spectrum Disorder (ASD) in individuals with Tuberous Sclerosis Complex. (Option A is also very common, but Autism is a frequently highlighted association in recent clinical literature)