

# METABOLIC DISORDERS

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- Regarding serratus anterior muscle which is incorrect?**
  - Multipinnate muscle
  - Lifts arm above the shoulder
  - Supplied by long thoracic nerve
  - Originates from lower eight ribs
- The treatment of choice for atticointral variety of chronic suppurative otitis media is:**
  - Mastoidectomy
  - Medical management
  - Underlay myringoplasty
  - Insertion of ventilation tube
- All of the following are the complications in the new born of a diabetic mother except?**
  - Hyperbilirubinemia
  - Hyperglycemia
  - Hypocalcemia
  - Hypomagnesemia
- The correct line of management in child who has swallowed a coin is?**
  - Fiber optic endoscopy
  - Rigid endoscopy
  - Laparotomy
  - Wait and Watch
- Helper cells belong to?**
  - T cells
  - Macrophages
  - B cells
  - Monocytes
- Mac Ewen's triangle can be felt through the?**
  - Superior conchae
  - Cymba conchae
  - Middle conchae
  - Posterior part of auricle
- Most common strain of E.coil giving rise to traveller's diarrhoea is?**
  - Enteroinvasive E.coil
  - Enteropathogenic E.coil
  - Enterotoxigenic E.coil
  - Enteroggregative E.coil
- With urine turning green on ferric chloride test, the diagnosis is:**
  - Phenylketonuria
  - Alkaptonuria
  - Multiple carboxylase deficiency
  - Glutaric aciduria
- For assessing the ability of protein utilisation the best index is?**
  - Urea
  - Uric acid
  - Blood ammonia
  - Urinary nitrogen content
- Screening test is not useful when?**
  - Incidence of the disease
  - Incidence is low in the community
  - Early detection leads to favorable outcome
  - The disease has a lead time
- Nerve not related to humerus is?**
  - Radial
  - Median
  - Axillary
  - Musculocutaneous
- What is the percentage of chances of hydatidiform mole to develop choriocarcinoma?**
  - 5%
  - 15%
  - 50%
  - 80%
- Vasomotor reversal of Dale is because of?**
  - Block of alpha receptors
  - Block of alpha & beta receptors
  - Agonistic action on alpha receptors
  - Adrenaline only
- Primary visual field is situated around the \_\_\_\_\_ sulcus?**
  - Central
  - Calcarine
  - Superior temporal
  - Inferior occipital
- Medical treatment for BPH includes?**
  - Finesteride
  - Methyl testosterone
  - Oestrogens
  - Osmic acid
- Anterior dislocation of shoulder causes all except?**
  - Circumflex artery injury
  - Avascular necrosis head of humerus
  - Brachial plexus injury
  - Chip fracture scapula
- HIV is a?**
  - Retrovirus
  - Flavivirus
  - Oncovirus
  - Arbovirus
- In shigella dysentery associated hemolytic uremic syndrome, the false statement is?**
  - Leucocytosis
  - Neurological abnormalities
  - Hepatic failure
  - Thrombotic angiopathy
- Dengue hemorrhagic fever is caused by?**
  - Type I serotype
  - Reinfection with the same serotype of dengue virus

- c. Reinfection with the different serotype of the dengue virus  
d. Reinfection in immunocompromised host
20. **When the sample size is less than 30, one of the following modifications is made in the formula of standard deviation?**  
a. Numerator is increased  
b. Denominator is decreased  
c. Both numerator and denominator are changed  
d. Numerator is decreased
21. **Oesophagus receives blood supply from all except?**  
a. Inferior thyroid artery  
b. Inferior phrenic artery  
c. Internal mammary artery  
d. Bronchial artery
22. **All are penicillinase resistant except?**  
a. Methicillin  
b. Nafcillin  
c. Penicillin  
d. Dicycloxacin
23. **Mild hemolytic anaemia is associated with vitamin.. . Deficiency?**  
a. B6  
b. E  
c. A  
d. C
24. **Trimethoprim acts by?**  
a. Inhibiting DHFR  
b. Inhibiting cell metabolism  
c. Inhibiting DNA  
d. Inhibiting RNA
25. **Paradoxically split second heart sound signifies severe?**  
a. Pulmonary stenosis  
b. Mitral stenosis  
c. aortic stenosis  
d. tricuspid stenosis
26. **Riboflavin nutritional status is assessed by?**  
a. Xanthine oxidase levels in RBC's  
b. Glutathione reductase activation in RBC's  
c. Urine excretion of Riboflavin  
d. CytochromeC reductase levels in kidneys
27. **Provision of free medical care to the people at government expense is known as?**  
a. State medicine  
b. Social therapy  
c. Social medicine  
d. Social insurance programme
28. **Shortest sacrocytoid diameter causing narrowing of pelvis is a feature of which type of maternal pelvis?**  
a. Android  
b. Gynaecoid  
c. Platypelloid  
d. Anthropoid
29. **What is Bennett's fracture?**  
a. Fracture dislocation of base of first metacarpal  
b. Fracture dislocation of base of first metatarsal  
c. Fracture of first metatarsal  
d. Fracture of first metacarpal
30. **All the following techniques are helpful in the diagnosis of haemoglobinopathies, except?**  
a. Alkali denaturation test  
b. Cellulose acetate electrophoretic  
c. Sickling test  
d. Osmotic fragility test
31. **Which of the following is not likely in patients taking amiodarone?**  
a. Pulmonary fibrosis  
b. Hypothyroidism  
c. Hyperthyroidism  
d. Gynaecomastia
32. **Which of the following helps in preventing colon cancer?**  
a. High fiber diet  
b. Selenium  
c. Antioxidants  
d. Fatty food
33. **Most common site of obstruction in gallstone ileus is?**  
a. Colon  
b. Ileum  
c. Jejunum  
d. Duodenum
34. **Cadaveric spasm**  
a. Instant in onset  
b. Confined to small group of muscles  
c. Occurs only in voluntary muscles  
d. All of the above
35. **The radionuclide used for ventriculography is**  
a. Thallium  
b. Technetium  
c. Gallium  
d. Potassium
36. **"Signet ring cells" are seen in?**  
a. Carcinoma cervix  
b. Carcinoma endometrium  
c. Krukenberg tumour  
d. Carcinoma vulva
37. **Cimetidine was synthesized by?**  
a. Black  
b. Upjohn  
c. Lindsay  
d. Lilly
38. **Nutritional status of children between 04 years in a community can be assessed by all except?**  
a. Mortality in 04 years  
b. Birth weight of less than 2.5 gm  
c. Maternal Hb < 11.5 g/dl  
d. Height and weight of all preschool children

- 1236** 39. **Pulmonary fibrosis in Bronchogenic carcinoma of lung may follow exposure to?**
- Coal dust
  - Silica
  - Asbestos
  - Bagasse
40. **Ejection fraction increases with?**
- Decrease endsystolic volume
  - Decrease enddiastolic volume
  - Decreased peripheral resistance
  - Venodilation
41. **Which is NOT visualized on posterior rhinoscopy?**
- Eustachian tube
  - Inferior meatus
  - Middle turbinate
  - Posterior border of nasal septum
42. **Which one of the following would cause a metabolic acidosis is with a normal anion gap?**
- Renal tubular acidosis
  - Acute renal failure
  - Diabetic ketoacidosis
  - Aspirin overdose
43. **All of the following organs contain aneurysm in polyarteritis nodosa except?**
- Liver
  - Lung
  - Kidney
  - Pancreas
44. **Diphtheria toxin acts by?**
- Inhibiting Acetyl Choline release
  - Inhibiting glucose transport
  - Increasing levels of Cyclic AMP
  - Inhibiting protein synthesis
45. **Smokeless gun powder is composed of?**
- KMno<sub>4</sub>
  - HCN
  - Nitrocellulose
  - Sulphur
46. **Cetuximab (an EGFR antagonist) can be used in?**
- Palliation in head and neck cancer
  - Anal canal carcinoma
  - Gastric cancer
  - Small cell lung carcinoma
47. **The formula showing relations of pressure, thickness and radius?**
- Laplace formula
  - Ohm's law
  - Pascal's law
  - Poiseuille's formula
48. **Dapsone is useful for treating all except?**
- Leprosy
  - Dermatitis Herpetiformis
  - Madura Foot
  - Lymphoma
49. **The most important factor to overcome protein energy malnutrition in children less than 3yrs is;**
- Suply of subsidized food from ration shop
  - Early supplimentation of solids in infants
  - immunization to the child
  - Treatment of anaemia and pneumonia in infant and toddlers
50. **The binding of 2,3 BPG to Hemoglobin is to?**
- Carboxyterminal
  - Amino terminal
  - Sulphydryl groups
  - None of the above
51. **Dissociate anaesthesia is described with which of the following?**
- Propofol
  - ketamine
  - Thipental
  - Halothane
52. **In colour Doppler the colour depends upon?**
- Strength of returning echo
  - Relation of transducer to blood flow
  - Frequency of Doppler used
  - Type of Doppler machine used
53. **The commonest cause of breech presentation is:**
- Prematurity
  - Hydrocephalus
  - Placenta praevia
  - Polyhydramnios
54. **Which of the following pathologic processes in an example of dysplasia?**
- Actinic keratosis
  - Chronic cystitis
  - Chronic bronchitis
  - Ulcerative colitis
55. **True regarding tubercular meningitis:**
- Generally occurs as dissemination of a miliary tuberculosis
  - The cranial nerves frequently are involved
  - The most common affected leptomeninges are at the base of the brain
  - Communicating and obstructive hydrocephalus cortical abscesses, and empyemas are very uncommon complications
56. **Haemostasis means?**
- Coagulation
  - Maintenance of electrolyte balance
  - Sufficient hydration
  - Arrest of bleeding
57. **The average coronary blood flow in human being at rest is \_ % of cardiac output ?**
- 4.5%
  - 510%
  - 1015%
  - 1520%
58. **Rigor mortis first starts in?**
- Upper eyelids
  - Lower eyelids

- c. Lower limbs  
d. Fingers
59. **Madura foot is caused by?**  
a. Blastomycosis  
b. Nocardia  
c. Candida albicans  
d. Tinea versicolor
60. **Population of 10000, birth rate 36 per 1000, 5 maternal deaths, the MMR is?**  
a. 14.5  
b. 13.8  
c. 20  
d. 5
61. **Which of the following is not in WHO surveillance?**  
a. Rabies  
b. Influenza  
c. Malaria  
d. Varicella
62. **The cause of breech presentation are all except?**  
a. Previous caesarean section  
b. Placenta previa  
c. Contracted pelvis  
d. Oligohydramnios
63. **True about minoxidil is?**  
a. Increases hair growth  
b. Antihypertensive  
c. Both  
d. None
64. **Cold agglutinins are seen in?**  
a. Mycoplasma pneumonia  
b. Psittacosis  
c. Legionella pneumonia  
d. TB
65. **No. of negative stools mandatory to release a case from isolation in typhoid?**  
a. 3 samples same day  
b. 2 samples on first day and 1 sample on the second day  
c. 1 sample of first day and 2 samples on the second day  
d. 3 samples on 3 separate days
66. **The most specific feature of death due to hanging is?**  
a. Tardieu spots  
b. Ligature mark  
c. Fracture of thyroid cartilage  
d. Dribbling of saliva
67. **Cauliflower ear is due to?**  
a. Haematoma  
b. Carcinoma  
c. Fungal infection  
d. Herpes
68. **Following agents have effects on the NMJ, EXCEPT**  
a. Curare  
b. Decamethonium  
c. Succinylcholine  
d. Hexamethonium
69. **Entamoeba, which is not found in gut?**  
a. E.coli  
b. E.histolytica  
c. E.gingivalis  
d. E.nana
70. **most deaths involving placenta previa result from?**  
a. Infection  
b. Toxemia  
c. Hemorrhage  
d. Thrombophlebitis
71. **Tympanic plexus is formed by?**  
a. Tympanic branch of glossopharyngeal nerve  
b. Vagus nerve  
c. Facial nerve  
d. mandibular nerve
72. **Prolactin?**  
a. Facilitates  
b. Prevents ovulation in lactating women  
c. In responsible for formation of corpus luteum  
d. Is responsible for progesterone secretion
73. **Herpes zoster involves?**  
a. Otic ganglion  
b. Gasserian ganlion  
c. Geniculate  
d. Celiac ganglion
74. **In wolfparkinson white syndrome, there exist a connection between atria and?**  
a. Bundle of His  
b. Ventricles  
c. AV node  
d. Purkne fibres
75. **Polyhydramnios is seen in all the following except:**  
a. Diabetes  
b. Renal agenesis  
c. Esophageal atresia  
d. Hydronephrosis
76. **Following is the adjuvant for the treatment of nephrotic syndrome?**  
a. levamisole as immunomodulant  
b. B.complex  
c. cyclosporin  
d. steroid
77. **Subarachnoid Haemorrhage is diagnosed by?**  
a. Lumbar puncture  
b. CT scan  
c. MRI  
d. Xray skull
78. **Disturbances of affect include all except?**  
a. Panic  
b. Apathy  
c. Phobia  
d. Obsession

- 1238 79. **Deep transverse arrest is seen in?**
- Occipitoposterior position
  - Occipitoanterior position
  - Breech delivery
  - Face presentation
80. **Kallu, a 25 yr male pt. presented with a red eye and complains of pain, photophobia, watering and blurred vision. He gives a history of trauma to his eye with a vegetable matter. Corneal examination shows a dendritic ulcer. A corneal scraping was taken and**
- Herpes simplex
  - Acanthambea
  - Candida
  - Aeno virus
81. **Glass vessels and syringes are best sterilised by**
- Hot air oven
  - Autoclaving
  - Irradiation
  - Ethylene oxide
82. **Management of extradural hemorrhage is:**
- Immediate evacuation
  - Evacuation after 24 hrs
  - Antibiotics
  - Observation
83. **A PostThyroidectomy patient develops signs and symptoms of Tetany. The management is?**
- I.v. Calcium gluconate
  - Bicarbonate
  - Calcitonin
  - Vitamin D
84. **The most effective treatment in the early stages of trachoma is?**
- Penicillin locally
  - Choromycetin systemically
  - Sulphonamides systemically
  - Soframycin locally
85. **Ideal treatment of Tinospodiosis is:**
- Rifamipicin
  - Excision with cautery at base
  - Dapsone
  - Laser
86. **Epithelium of cornea is?**
- Pseudostratified
  - Transitional
  - Stratified squamous keratinized
  - Stratified squamous nonkeratinised
87. **Bagasosis can be prevented by spraying Bagasse with?**
- 10% acetic acid
  - 5% acetic acid
  - 1% propionic acid
  - 2% propionic acid
88. **Mc Ardles disease is due to the deficiency of?**
- Glu 1 phosphatase
  - Gluc1, 6 diphosphatase
  - Gluc 6 phosphatase
  - Myophosphorylase
89. **Satiety center in hypothalamus is regulated by?**
- Gastric dilatation
  - Blood glucose levels
  - Blood insulin levels
  - All of the above
90. **Coagulative necrosis is seen in all except?**
- Myocardial infarction
  - Burns
  - Tuberculosis
  - Zenker's degeneration
91. **The relationship between incidence and prevalence can be expressed as the?**
- Product of incidence and mean duration of disease
  - Divident of incidence and mean duration of disease
  - Sum of incidence and mean duration of disease
  - Difference of incidence and mean duration of disease
92. **In twin pregnancy, treatment of choice when first baby is in transverse lie is:**
- Home delivery
  - Cesarean section
  - High forceps
  - Low forceps after external rotation
93. **Coose among the following the most important lab finding in nephrotic syndrome?**
- BJ protine
  - hyperkalemia
  - hypoalbuminemia
  - hypertension
94. **Which statement is not true regarding Cryptic military Tuberculosis?**
- Xray
  - diagnosis is possible
  - It is seen in PEM Children
  - Mntoux test is negative
  - Leucocytosis is seen
95. **Commonest histology of carcinoma of endometrium is?**
- Squamous cell
  - Clear cell
  - Adeno carcinoma
  - Anaplastic carcinoma
96. **True regarding Felty's syndrome is all EXCEPT**
- Splenomegaly
  - Rheumatoid arthritis
  - Neutropenia
  - Nephropathy
97. **The true statement about Zenker's diverticulum is;**
- It is outpouching of ant.pharyngeal wall above the cricopharyngeus muscle
  - Barium swallow lateral view for diagnosis is the best investigation
  - it is a true diverticulum
  - it is congenital

98. Which of the following statements about aging is true?
- a. Zoo animals have shorter lifespans than animals in their normal habitat
  - b. All animal species have approximately the same lifespan
  - c. Men are programmed to live longer than women.
  - d. Identical twins have a natural lifespan of approximately similar duration

99. Characteristic features of kwashiorkor include following EXCEPT?
- a. Anorexia
  - b. Flaky paint dermatosis
  - c. Hepatomegaly
  - d. Splenomegaly

# Metabolic Disorders - Answers

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|-------|-------|-------|-------|-------|
| 1. d  | 21. c | 41. b | 61. d | 81. a |
| 2. a  | 22. c | 42. a | 62. a | 82. a |
| 3. b  | 23. b | 43. c | 63. c | 83. a |
| 4. d  | 24. a | 44. d | 64. a | 84. c |
| 5. a  | 25. c | 45. c | 65. d | 85. b |
| 6. b  | 26. b | 46. a | 66. d | 86. d |
| 7. c  | 27. a | 47. a | 67. a | 87. d |
| 8. a  | 28. c | 48. d | 68. d | 88. d |
| 9. d  | 29. b | 49. b | 69. c | 89. b |
| 10. b | 30. d | 50. b | 70. c | 90. d |
| 11. d | 31. d | 51. b | 71. a | 91. a |
| 12. b | 32. a | 52. b | 72. b | 92. b |
| 13. a | 33. b | 53. a | 73. b | 93. c |
| 14. b | 34. d | 54. a | 74. b | 94. b |
| 15. a | 35. b | 55. d | 75. b | 95. c |
| 16. d | 36. c | 56. d | 76. d | 96. d |
| 17. a | 37. a | 57. a | 77. a | 97. a |
| 18. c | 38. c | 58. a | 78. d | 98. d |
| 19. c | 39. c | 59. b | 79. a | 99. d |
| 20. b | 40. a | 60. b |       |       |