

1. Diarrhea-related hemolytic uremic syndrome is characterized by all, EXCEPT

- a. Acute renal failure
- b. Coombs' positive hemolytic anemia
- c. Thrombocytopenia
- d. Neutrophilic leukocytosis

Ans: B

2. An 11-year old girl presents with severe hypertension. Ultrasonography shows a small sized left kidney. The DTPA radionuclide scan shows reduced function in this kidney that further declines following oral administration of enalapril.

What is the most appropriate investigation that is required?

- a. Renal biopsy
- b. Intravenous pyelogram
- c. Arterial angiography
- d. Micturating cystourethrogram

Ans: C

3. Erythrocyte Sedimentation Rate is zero in:

- a. Abetalipoproteinemia
- b. Afibrinogenemia .
- c. Asplenia
- d. Aplastic anemia

Ans: B

4. Infant born to a diabetic mother is at risk for all of the following, EXCEPT

- a. Neonatal hepatitis
- b. Polycythemia
- c. Hypoglycemia
- d. Congenital malformations

Ans: A

5. Which one of the following is NOT associated with Cephalhematoma?

- a. Swelling is present at birth
- b. Usually involves parietal and occipital bone
- c. Bleeding is subperiosteal
- d. Usually reabsorbed in 2-3 months

Ans: B

6. A girl can walk upstairs, alternating feet, and make a tower of 8 cubes. She refers to herself by the pronoun 'I' knows her name, but not her age and gender. The most likely chronological age is

- a. 24 months
- b. 30 months
- c. 36 months
- d. 42 months

Ans. B

The following THREE (7-9) questions are based on the given passage. Read the passage carefully and answer the following THREE questions:

Passage:

‘One and a half year old girl child, fed mostly on dilute cow’s milk, develops diarrhea which persists for 10 days. This was followed by swelling on feet.’

7. The likely diagnosis is

- a. Kwashiorkor
- b. Acute renal failure
- c. Congestive cardiac failure
- d. Indian childhood cirrhosis

Ans: A

8. One life-threatening complication of this conditions is

- a. Hyperkalemia
- b. Hypernatremia
- c. Metabolic acidosis
- d. Hypoglycaemia

Ans: C

9. The most important aspect of management is

- a. Diuretics
- b. Fluid restriction
- c. Diet with adequate calories and protein
- d. Potassium restriction

Ans: C

10. Consider the following statements :

Breath holding spells in children have the following features

- 1. they are preceded by minor trauma.
- 2. Child stops breathing and is cyanosed.
- 3. Child becomes suddenly pale and limp.
- 4. Frequency becomes less on zinc supplementation.

Which of the above statements are correct?

- a. 1,2 and 3
- b. 1 and 2
- c. 2,3 and 4
- d. 1,3 and 4

Ans : A

11. In which one of the following conditions Dactylitis CANNOT be seen ?

- a. Sickle-cell anemia
- b. Beta thalassemia
- c. Congenital syphilis
- d. Tuberculosis

Ans: B

12. Spleen is palpable in all haemolytic anemias in a child of 8 years of age, EXCEPT in

- a. Thalassemia
- b. Spherocytosis
- c. Sickle – cell anemia
- d. Haemolysis in malaria

Ans : C

13. Which one of the following is NOT a live vaccine

- a. OPV
- b. BCG
- c. Hib vaccine
- d. Ty 21a against Typhoid

Ans : C

14. Maternal mortality is defined as number of maternal deaths per

- a. 1000 live births
- b. 10,000 live births
- c. 1,00,000 live births
- d. 1,00,000 pregnancies

Ans : A

15. Umbilical cord has

- a. two arteries and one vein
- b. two veins and one artery
- c. one vein and one artery
- d. two arteries and two veins

Ans : A

16. Deep vein thrombosis is more common in the left leg because

- a. of dextrorotation of uterus
- b. the left common iliac vein is more tortuous
- c. inferior vena cava is on right side
- d. left ovarian artery is a branch of aorta

Ans : A

17. Which one of the following parameters is NOT necessary for monitoring during magnesium sulphate therapy for eclampsia?

- a. Central venous pressure
- b. Respiratory rate
- c. Patellar reflex
- d. Urinary output

Ans : A

18. A case of eclampsia is brought to a primary health centre late in the night. The decision is to

- a. Tell the relatives to take her referral hospital immediately
- b. Give 10 mg Calmpose IV and ask the relatives to take her to a higher centre
- c. Give 10 mg Calmpose IV, induce labor and wait for transport
- d. Give anticonvulsants, inform higher centre and wait for transport

Ans: B

19. Anti-thrombin III levels in disseminated intravascular coagulation

- a. Are decreased
- b. Are increased
- c. Remain same
- d. Are variable

Ans: A

20. Hydramnios is diagnosed by ultrasound by all of the following, EXCEPT

- a. Single vertical pocket > 8 cm
- b. Single vertical pocket > 5 cm
- c. Amniotic fluid index > 24 cm
- d. Subjective assessment

Ans: D

21. Which one of the following endometrial histopathological findings is suggestive of an ectopic pregnant?

- a. Decidual reaction
- b. Chorionic villi
- c. Proliferative endometrium
- d. Secretory endometrium

Ans: A

22. Deep vein thrombosis in pregnancy is best treated by

- a. Heparin in the 1st trimester and warfarin in the 2nd and 3rd trimesters
- b. Warfarin in all trimesters
- c. Heparin in all trimesters
- d. Heparin in the 1st and 2nd trimesters and Warfarin in the 3rd trimester

Ans: A

23. The following are the characteristics of caput succedaneum, EXCEPT

- a. It is present at birth

- b. It does not cause jaundice in newborn
- c. It is limited to individual bone
- d. It disappears within a few hours of birth

Ans: C

24. The four cardinal movements, 1. flexion 2. internal rotation, 3. extension, 4. restitution and external rotation; constitute the normal mechanism of labor. The chronological order in which they occur is

- a. 1,2,3,4
- b. 2,1,3,4
- c. 1,3,4,2
- d. 2,3,4,1

Ans : A

25. Match list I (Feature) with List II (Diagnosis) and select the correct answer using the codes given below the lists :

List I	List II
A. Star gazing fetus	1. Transverse lie
B. Frog eye Appearance	2. Breech with extended head
C. Buddha's position	3. Anencephaly
D. Partus conduplicate Corpore	4. Hydrops fetalis

Codes :

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

Ans : D

26. With reference to abnormal labor, consider the following procedures :

- a. internal podalic version
- b. Forceps application
- c. Assisted breech delivery

In which of these, the cervix should be fully dilated?

- a. 1,2 and 3
- b. 1 and 2
- c. 2 and 3
- d. 1 and 3

Ans: A

27. At which station of head is outlet forceps applied?

- a. +2 station
- b. +3 station
- c. 'O' stations
- d. After full engagement of head

Ans : A/B

28. Which one of the following is NOT true in Normal Puerperium?

- a. Women loses body weight
- b. Diuresis occurs from the 2nd day
- c. Progressive diminution of the size of the uterus
- d. Red lochia (lochia rubra) continues till the 8th week after the delivery of the fetus (Parturition)

Ans: D

29. Consider the following

- a. Endometritis
- b. Mastitis
- c. Urinary tract infection
- d. Deep vein thrombosis

Which of these are common causes of Puerperal Fever?

- a. 1,2 and 3
- b. 1 and 2
- c. 2 and 3
- d. 1 and 4

Ans: A

30. In a male fetus, ultrasound identifications of bilateral hydronephrosis and bladder dilatation is diagnostic of

- a. polycystic kidney disease
- b. multicystic dysplastic kidney
- c. uteropelvic junction obstruction
- d. posterior urethral valve syndrome

Ans : D

31. In which one of the following combinations, ABO incompatibility is most common?

- a. Mother's group 'A' and father's group 'O'
- b. Mother's group 'A' and father's group 'B'
- c. Mother's group 'O' and father's group 'A'
- d. Mother's group 'B' and father's group 'AB'

Ans : B

32. Lymphatic drainage of the cervix is to the following lymph nodes, EXCEPT

- a. Parametrial lymph nodes
- b. Deep inguinal lymph nodes

- c. Obturator lymph nodes
- d. External iliac lymph nodes

Ans : B

33. Hypoplastic uterus with streak gonads is feature of

- a. Testicular feminization syndrome
- b. Triple X-syndrome
- c. Adrenogenital syndrome
- d. Turner's syndrome

Ans: D

34. In which of the following is Mullerian System present?

- a. Mayer-Rokitansky-Kuster-Hauser syndrome
- b. Turner's syndrome
- c. Testicular feminization syndrome
- d. Klinefelter's syndrome

Ans : B

35. The most important factor in hemostasis preventing PPH after placental separation is due to

- a. Uterine contraction and relaxation
- b. Retraction of uterus
- c. Thrombosis of blood vessels in myometrium
- d. Retroplacental clot

Ans : B

36. Among the following the best indicator of health in a community is

- a. Maternal mortality rate
- b. Infant mortality rate
- c. Life expectancy
- d. Neonatal mortality rate

Ans : B

37. Which one of the following gives strong evidence of Typhoid Fever carrier status ?

- a. Isolation of Core antigen
- b. Isolation of Vi antigen
- c. Persistence of Vi antibodies
- d. Demonstration of Typhoid bacilli in stools.

Ans B

38. Which one of the following is NOT a socio-economic indicator ?

- a. Literacy life
- b. Family size
- c. Housing

- d. Life expectancy at birth

Ans : D

39. Which one of the following diseases CANNOT be eradicated

- a. Leprosy
- b. Tuberculosis
- c. Measles
- d. Pertussis

Ans : B

40. Which of the following statements is correct?

- a. A cohort study is more expensive in comparison to case control study.
- b. A cohort study starts with people exposed to risk factor or suspected cause while case control study starts with disease
- c. A long follow-up period often needed with delayed results in a cohort study whereas a case control study yields relatively quick results
- d. A cohort study is more appropriate when the disease or exposure under investigation is rare, in comparison to case control study.

Ans : D

41. There is a public health perception that healthy girls aged 5-14 years should be exposed for infection to

- a. Odontogenic myxoma
- b. Fibromatous epulis
- c. Dentigerous cyst
- d. Ameloblastoma

Ans : C

42. The ratio between the incidence of disease among exposed and non-exposed is called

- a. Causal risk
- b. Relative risk
- c. Attributable risk
- d. Odds ratio

Ans : B

43. How much amount of energy is yielded by one ml of alcohol in the body?

- A. 1 cal
- B. 4 cal
- C. 7 cal
- D. 9 cal

Ans : C

44. Which one of the following is NOT used in testing for adequate pasteurization of milk?

- a. Phosphatase test

- b. Coliform count
- c. Standard plate count
- d. Methylene blue reduction test

Ans : D

45. Consider the following sentence:

The risk factors for peptic ulcer include

- 1. Regular use of aspirin or steroids
- 2. Tobacco smoking
- 3. Familial predisposition
- 4. Dietary habits

Which of these statements are correct?

- a. 1,2,3 and 4
- b. 1 and 2
- c. 1 and 3
- d. 2 and 3

Ans : A

46. Screening is the most commonly used epidemiological tool in school health services. Which level of prevention does it refer to?

- a. Primary
- b. secondary
- c. Tertiary
- d. Primary and secondary

Ans: B

47. With reference to school health, which one of the following statements is NOT correct?

- a. Per capita space for students in classroom should not be less than 10 sq ft.
- b. Desks should be of plus type
- c. Classroom should have sufficient natural light preferably from the left
- d. There should be one urinal for 60 students and one latrine for 100 students

Ans: B

48. In which one of the following situations is Amniocentesis NOT called for?

- a. Mother's age is 35 year or more
- b. Parents who are known to have chromosomal translocation
- c. Raised alpha fetoprotein in amniotic fluid during earlier pregnancy
- d. A Rh -ve multipara mother aged 30 years with two live healthy boys

Ans: D

49. The efficiency of cold chain system for oral polio vaccine as monitored by Vaccine Vial Monitor (VVM) depends on

- a. Change in the colour of vaccine

- b. Temperature indicator of the system
- c. Viral potency test
- d. Change of colour on the label of the bottle

Ans: D

50. When an abandoned child is legally accepted by a couple, it is called as

- a. Remand home placement and Foster home placement.
- b. Remand home placement and Borstal placement.
- c. Adoption and Foster home placement.
- d. Adoption and Remand home placement.

Ans: C

51. Which one of the following doses in lethal flocculent units of Diphtheria Toxoid is incorporated in DPT vaccine?

- a. 5
- b. 15
- c. 25
- d. 35

Ans : C

52. Which one of the following Immunoglobulins is transmitted to the fetus through placenta?

- a. IgG
- b. IgA
- c. IgM
- d. IgD

Ans : A

53. Consider the following sentence :

Use of oral contraceptive pills confers additional protection against

- 1. Fibroadenoma
- 2. Ectopic pregnancy
- 3. Ovarian cysts and iron deficiency anemia

Which of these statements are correct.

- a. 1 and 2
- b. 1 and 3
- c. 2 and 3
- d. 1,2 and 3

Ans: D

54. Which one of the following is NOT an absolute contraindication for oral contraceptive pills?

- a. Nursing mothers
- b. Cancer of breasts
- c. Cardiac abnormalities

- d. History of thromboembolism

Ans: A

55. The best indicator (s) for monitoring of air pollution is/are

- a. Sulphur dioxide
- b. Sulphur dioxide and suspended particles
- c. Oxides of nitrogen and polyaromatic hydrocarbons
- d. Carbon monoxide.

Ans: B

56. The organism which is NOT an indicator of fecal pollution is

- a. Staphylococcus
- b. Streptococcus
- c. E.coli
- d. Clostridium perfringens

Ans: A

57. Last case of Smallpox occurred in India during which one of the following years.

- a. 1965
- b. 1975
- c. 1986
- d. 1995

Ans: B

58. 'DOTS' indicates

- a. long-term treatment under direct observation
- b. short-term treatment under direct observation
- c. short-term treatment without observation
- d. domiciliary treatment without observation.

Ans: B

59. Lymphogranuloma venereum is caused by

- a. Haemophilus ducreyi
- b. Donovanian granulomatis
- c. Treponema pertenue
- d. Chlamydia trachomatis

Ans : D

60. Which one of the following is NOT a characteristic of non-communicable disease?

- a. Well-defined etiological agent
- b. Multifactorial causation
- c. Long latent period
- d. Variable onset

Ans: A

61. The number of live birth per 1000 women in the reproductive age group in a year refers to

- a. Total fertility rate
- b. Gross Reproduction Rate
- c. Net Reproduction Rate
- d. General Fertility Rate

Ans : D

62. With reference to lead poisoning, match list I (Agent) with List II (Amount) and select the correct answer using the codes given below the list

List I		List II
A. Coproporphyrin	In urine	1. > 70 µg/100ml
B. Aminolevulinic	Acid in urine	2. > 5 mg/L
C. Lead in urine		3. >150µg/L
D. Lead in blood		4. > 0.8 mg/L

Codes:

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

Ans : D

63. The minimum air space per worker prescribed by Indian Factory (Amendment) Act, 1987 is

- a. 200 cu ft
- b. 300 cu ft
- c. 500 ci ft
- d. 700 cu ft

Ans : C

64. Amniocentesis to detect chromosomal abnormalities can be done as early as

- a. 14th week of gestation
- b. 18th week of gestation
- c. 22nd week of gestation
- d. 26th week of gestation

Ans : A

65. Haemophilia is a genetic disorder of coagulation seen only in males. It is transmitted as

- a. X-linked dominant
- b. Y-linked dominant
- c. X-linked recessive
- d. Autosomal recessive

Ans : C

66. The pattern of inter-relations between persons in a society is called

- a. Social stratification
- b. Social structure
- c. Caste system
- d. Herd structure

Ans : B

67. The most effective method for motivating a couple for adopting family planning practices is

- a. Printed material
- b. Films and television
- c. Group discussion
- d. Inter-personal communication

Ans : C

68. Which one of the following is an environmental factor associated with mental illness?

- a. Emotional stress
- b. Frustration
- c. Broken home
- d. Anxiety

Ans : C

69. Which one of the following statements is NOT correct?

- a. The graafian follicle after ovulation changes to corpus luteum.
- b. Atretic follicles are formed after atrophy of corpus luteum.
- c. Estradiol is formed from androgens in the ovarian follicle.
- d. Follicular stimulating hormone (FSH) is necessary for the development of the granulosa layer.

Ans : C

70. For the treatment of excessive bleeding in a case of DUB, which one of the following therapies used is termed as 'Medical Curettage'?

- a. Combined estrogen progestogen pill

- b. Danazol
- c. High doses of progestogens
- d. Gn RH analogue

Ans : D

71. In patients of dysfunctional uterine bleeding, with secretory endometrium on histopathology, the initial treatment of choice would be

- a. Oral contraceptives
- b. Progestins
- c. NSAIDs
- d. Danazol

Ans : B

72. Retroverted uterus detected in routine examination in gynaecological clinic can be managed as

- a. Pessary treatment
- b. Ventral suspension operation
- c. Postural exercise
- d. No treatment

Ans : A

73 The commonest organism responsible for Bartholin abscess is

- a. Treponema pallidum
- b. Trichomonas vaginalis
- c. Neisseria gonorrhoea
- d. Lymphogranuloma venereum

Ans : C

74. Increased LH : FSH ratio is found in

- a. Premature menopause
- b. Sheehan syndrome
- c. Polycystic ovary syndrome
- d. Turner's syndrome

Ans : D

75. Which of the following statements about definition of Hirsutism is correct?

- a. Hirsutism is excessive facial hair.
- b. Hirsutism is excessive distribution of facial and body hair in a female distribution pattern.
- c. Hirsutism is excessive distribution of facial and body hair in a male distribution pattern.
- d. Hirsutism is excessive distribution of body hair.

Ans : C

76. Complete perineal tear is common in

- a. Face to pubes delivery
- b. Breech delivery
- c. Internal podalic version
- d. Manual removal of placenta

Ans : A

77. Young women whose mothers took diethylstilbestrol during pregnancy are likely to develop one of the following genital malignancy

- a. Squamous-cell carcinoma
- b. Adenosquamous carcinoma
- c. Papillary adenocarcinoma
- d. Clear-cell adenocarcinoma

Ans : D

78. In carcinoma cervix, the causative etiological factor is

- a. Condyloma acuminata
- b. HPV 16,18
- c. HPV 6,11
- d. HSV 1 and 2

Ans : B

79. Which one of the following is the most common extrauterine site to be affected by endometriosis?

- a. vagina
- b. Rectovaginal septum
- c. Sigmoid colon
- d. Broad ligament (except tubes and ovaries)

Ans:

80. The first evidence of pubertal development in the female is

- a. Appearance of breast buds.
- b. Onset of menarche
- c. Appearance of axillary hair
- d. Appearance of pubic hair

Ans: A

81. Which one of the following is the most common problem associated with the use of condom?

- a. Increased monilial infection of vagina
- b. Premature ejaculation
- c. Contact dermatitis

- d. Retention of urine

Ans: C

82. Which one of the following intrauterine contraceptive devices has the lowest pregnancy rate?

- a. Lippes' loop
- b. Cu-7
- c. Cu T-200
- d. Levonorgestrel IUD

Ans: B

83. A primipara with a cardiac lesion (MI) has come on the 40th day of delivery asking for contraception. The contraceptive of choice is

- a. Condom with spermicidal jelly
- b. Oral contraceptive pill
- c. Intrauterine contraceptive device
- d. Laparoscopic sterilization

Ans: A

84. Match List I (Type of Pill) with List II (Effect) and select the correct answer using the codes given below the Lists:

List I	List II
A. Triphasic	1. Prevention of ovarian tumours
B. DMPA	2. Good for women Having hypomenorrhoea
C. Biphasic pill	3. Amenorrhoea is common
D. Progestin Containing IUD	4. Beneficial effect on high density lipoproteins
	5. Chance of ectopic pregnancy

Codes:

(a)	A	B	C	D
	4	3	1	5
(b)	A	B	C	D
	4	1	3	5
(c)	A	B	C	D
	5	4	2	1
(d)	A	B	C	D
	5	3	4	2

Ans : A

85. Which one of the following hormonal contraceptives CANNOT be used during lactation?

- a. Mini-pill

- b. Norplant
- c. DMPA
- d. Combined oral contraceptives

Ans: D

86. Third generation oral contraceptive pills containing norgestrel and gestodene along with estrogens

- a. Are more lipid friendly
- b. Decrease the risk of venous thromboembolism
- c. Increase the risk of break through bleeding
- d. Are not used for emergency contraception

Ans: A

87. Which part of the tube is ligated while doing female sterilization by Pomeroy's technique?

- a. Ampullary
- b. Isthmo-ampullary
- c. Interstitial
- d. Isthmic

Ans: B

88. The following statements are true regarding sterilization by Pomeroy's method, EXCEPT

- a. It is performed with non-absorbable suture material
- b. It does not include crushing of fallopian tube.
- c. It has a higher failure rate if performed at the time of caesarean section.
- d. It has a failure rate of about 0.1-0.4%

Ans: A/C

89. Medical Termination of Pregnancy Act was passed by the Parliament of India in

- a. 1950
- b. 1965
- c. 1971
- d. 1981

Ans: C

90. Gas preferred for creating pneumoperitoneum during laparoscopy is

- a. carbon dioxide
- b. oxygen
- c. air
- d. nitrous oxide

Ans: A

91. Which one of the following statements is NOT correct?

- a. Unfractionated Heparin does not cross the placenta.
- b. Low molecular Heparins can cross the placenta
- c. Warfarin crosses the placenta
- d. Breast feeding is safe for the infant of a mother taking Warfarin

Ans: B

92. A 3-year old child develops severe dehydration following acute gastroenteritis. Investigations show blood urea 60mg/dl, pH 7.27, base excess -10 mEq/L, sodium 134 Eq/L and potassium 3.8 mEq/L. The most appropriate fluid for initial treatment of this child is

- a. N/3 saline in 5% dextrose
- b. N/3 saline in 10% dextrose
- c. Normal saline with 5% dextrose
- d. 3% saline

Ans : C

93. Duchenne muscular dystrophy is characterized by the following, EXCEPT

- a. most common hereditary neuro-muscular disease
- b. both boys and girls are equally affected
- c. pseudohypertrophy of calves and thigh muscles
- d. high serum creatinine phosphokinase levels

Ans: B

94. Consider the following clinicopathological changes in 'Rheumatic Carditis':

1. Mitral regurgitation
2. Aortic regurgitation
3. Rise in ASLO Titre
4. Left atrial hypertrophy

The correct chronological sequence of these changes would be-

- a. 3,1,2,4
- b. 1,2,3,4
- c. 4,2,1,3
- d. 3,4,1,2

Ans: A

95. Which one of the following diseases is NOT developed by intrauterine growth retarded full term 'Low Birth Weight' infants in later life?

- a. Coronary heart disease
- b. Hypertension
- c. Diabetes
- d. Malabsorption syndrome

Ans: ?

96. A person working in hot environment who consumes more water without salt is likely to develop a condition called

- a. Heat stroke
- b. Heat exhaustion
- c. Heat cramps
- d. Heat hyperpyrexia

Ans:C

Directions:

The following 9 (nine) items consist of two statements, one labeled as 'Assertion A' and the other labeled as Reason R'.

You are to examine these two statements carefully and decide if the Assertion 'A' and the Reason 'R' are individually true and if so, whether the Reason is a correct explanation of the Assertion. Select your answers to these items using the codes given below and mark your answer sheet accordingly:

Codes:

- a. Both A and R are true and R is the correct explanation of A.
- b. Both A and R are true but R is NOT a correct explanation of A.
- c. A is true but R is false.
- d. A is false but r is true.

97. Assertion (A)

The term 'Eradication' means termination of all transmissions of infection.

Reason (R)

It involves complete destruction of the infective agent.

Ans : A.

98. Assertion (A)

Abortion may be induced at twenty weeks of gestation without second medical opinion.

Reason (R)

The condition for medical termination of pregnancy have been liberalized in India.

Ans : D.

99. Assertion (A)

All newborns should be screened for hypothyroidism at birth.

Reason (R)

Treatment at birth for hypothyroidism can assure normal mental development.

Ans : A.

100. Assertion (A)

The 23 valent pneumococcal vaccine is not recommended for routine use in children.

Reason (R)

Most pneumococcal strains are still susceptible to penicillin.

Ans :

101. Assertion (A)

Lumber puncture is indicated in a child with fever and asymmetric flaccid limb weakness.

Reason (R)

The diagnosis of Guillain-Barre syndrome can be established by albuminocytologic dissociation on CSF analysis.

Ans : B

102. Assertion (A)

Systemic estrogens as HRT are indicated in post-menopausal women with hypertriglyceridemia.

Reason (R)

The systemic estrogens induce the hepatic synthesis of lipoproteins.

Ans :

103. Assertion (A)

Ferrous sulphate should not be given to pregnant women who are at high risk of PIH.

Reason (R)

Ferrous sulphate increases free radicals which induce serum lipid peroxide formation.

Ans :

104. Assertion (A)

Supravaginal elongation of cervix occurs in uterovaginal prolapse.

Reason (R)

There is gaping genital hiatus but the ligamentous support of uterus is strong.

Ans : C.

105. Assertion (A)

A child who has had an acute attack of poliomyelitis, should be administered oral polio vaccine.

Reason (R)

There is no cross-immunity between the different types of polio viruses.

Ans: B

106. Match List I (Health Planning Committees) with List II (Main Recommendations/Important Results) and select the correct answer using the codes given below the Lists:

List I

List II

A. Shrivastava committee 1. Malaria workers to look after FP work also.

B. Chadah committee 2. Intergration of services from the highest to the lowest levels

C. Karter singh committee 3. Led to creation of Health Guides

D. Jungal Wallah committee 4. Led to creation of multipurpose worker.

Codes:

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

(d)	A	B	C	D
	2	4	1	3

Ans: C

107. The poverty line limit for rural areas is the purchasing capacity for a daily intake of 2400 calories per person. Which one of the following calorie limits is for urban areas?

- a. 1900
- b. 2100
- c. 2400
- d. 2800

Ans: B

108. Which of the following is/are used as operation indicator in antileprosy activity.

- a. Incidence
- b. Incidence and prevalence
- c. Relapse rate and case detection ratio
- d. Incidence and case detection ratio

Ans: D

109. With increased plan outlays for National AIDS Control Programme, the secondary dividends of these interventions shall directly benefit

- a. RCH Programme
- b. MCH services
- c. Immunization Programme
- d. National Tuberculosis Control Programme.

Ans:

110. Under the National Programme for Control of Blindness, to define blindness, the visual acuity should be less than

- a. 3/60
- b. 6/60
- c. 1/60
- d. 6/24

Ans: A

111. Match List I (Organization/Agency) with List II (Programme) and select the correct answer using the codes given below the Lists:

List I	List II
A. USAID	1. Blindness control
B. Colombo plant	2. Agriculture and Industry
C. SIDA	3. Tuberculosis control
D. DANIDA	4. Technical cooperation Mission

Codes:

(a)	A	B	C	D
	4	2	3	1

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

Ans: A

112. In respect of type-I error in the field of medical statistics, which one of the following is NOT correct.

- It is also called alpha error.
- It is often assigned a value of 0.05 in studies.
- It is equal to 1 minus the beta error.
- It is used to determine sample size.

Ans: C

113. The decadal exercise of Census Operation is done over a period of time but population count is assumed to be one existing on

- January 1st
- March 1st
- April 1st
- March 31st

Ans: B

114. Match List I (Disease) with List II (Vector) and select the correct answer using the codes given below the lists:

List I	List II
A. Scabies	1. Soft Tick
B. Fist Tapeworm	2. Cyclops Infestation
C. Relapsing Fever	3. Sarcoptes
D. Kyasanu Forest	4. Hard Tick Disease (KFD)

Codes:

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

Ans: A

115. Effect of pyrethrum on mosquitoes is described as

- a. Residual
- b. Repellent
- c. Knock down
- d. Contact

Ans: D

116. a screening test applied to detect diabetes in population over 40 year of age should satisfy the following criteria, EXCEPT for

- a. Validity
- b. Reproducibility
- c. Feasibility
- d. Ingenuity

Ans: D/C

117. A 5-year old boy, a known patient of bronchial asthma, presents with cough, wheezing and breathlessness. Examination shows respiratory rate 48/minute, pulsus paradoxus and bilateral rhonchi. The most appropriate immediate treatment is

- a. Intravenous theophylline and corticosteroids
- b. Intravenous theophylline and nebulized salbutamol
- c. Nebulized salbutamol and ipratropium
- d. Nebulized salbutamol and intravenous corticosteroids.

Ans: D

119. What is the correct sequence of the following while resuscitating an infant with Foreign Body Airway Obstruction?

1. Chest thrust
2. Tongue-jaw lift
3. Back blows

Select the correct sequence form the codes given below:

Codes:

- a. 1,3,2
- b. 3,2,1
- c. 3,1,2
- d. 2,1,3

Ans: C

120. Regarding simple febrile seizure, which one of the following statement is NOT correct?

- a. It is usually seen in children between 6 months and 6 year of age
- b. The seizure usually lasts for less than 15 minutes.
- c. Rectal diazepam given at the onset of febrile illness can reduce the incidence of recurrent febrile seizure.
- d. Oral phenobarbitone is usually prescribed after the first episode of seizure to prevent recurrences.

Ans: N/A

Examrace