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1. The most common site of ureteric injury during  
Wertheim's hysterectomy is

- (a) at the level of infundibulopelvic ligament
- (b) where the uterine artery crosses the ureter from above
- (c) where ureter traverses through the musculature of the bladder
- (d) in the ovarian fossa

Ans.- (A)

2. Which one of the following is NOT used in the  
treatment of Poor postcoital test in infertility?

- (a) Condom therapy
- (b) Estrogen in mid-cycle
- (c) Intrauterine insemination
- (d) Antioxidant therapy to male

Ans:- (B)

3. Vesicovaginal fistula due to obstructed labour  
occurs within

- (a) 24 hours
- (b) 48 hours
- (c) 5 days
- (d) 2 weeks

Ans.- (C)

4. In a case of endometrial cancer, if metastasis is  
seen in the vagina, what FIGO stage it would be?

- (a) Stage IIIa
- (b) Stage III b
- (c) Stage IIIc
- (d) Stage IVa

Ans.- (B)

5. Which one of the following lymph nodes is **not**  
involved in carcinoma cervix?

- (a) Inguinal
- (b) Parametrial
- (c) Obturator
- (d) Hypogastric

Ans.- (A)

6. Treatment of choice for carcinoma cervix IIb in a  
35-year old woman is

- (a) Radical surgery
- (b) Radical radiotherapy
- (c) Radical radiotherapy followed by simple hysterectomy
- (d) Chemotherapy followed by radical surgery

Ans.- (C)

7. Which one of the following tumours is not  
malignant?

Brenner's tumour

- (a) Dysgerminoma
- (b) Immature teratoma
- (c) Krukenber's tumour

Ans.- (D)

8. Medical treatment for endometriosis includes the  
following, **except**

Gn RH analogues

- (a) Progestins
- (b) Corticosteroids
- (c) Danazol

Ans.- (C)

9. The severity of pelvic pain in endometriosis  
correlates best with

- (a) Number of implants
- (b) depth of invasion
- (c) Stage of disease
- (d) Ca 125 levels

Ans.- (B)

10. Which one is **not** true regarding Centchroman  
?

- (a) It is anti-estrogenic
- (b) It acts on the endometrium
- (c) It is a synthetic hormone

(d) It is developed in India

Ans.- (C)

11. In which one of the following situations it is preferable **not** to insert IUCD ?

Post -menstrual

- (a) Emergency postcoital
- (b) Six weeks after delivery
- (c) Immediately following midtrimester abortion

Ans.- (D)

12. The most common side effect of injectable hormonal contraceptive is

- (a) bone density loss
- (b) disruption of menstrual pattern
- (c) Risk of breast cancer
- (d) Dysmennorrhoea

Ans.- (B)

13. Which is **not** true regarding oral contraceptive pills ?

- (a) Interact with Rifampicin
- (b) Prevent begin breast disease
- (c) Prevent PID
- (d) Increase the severity of rheumatoid arthritis

Ans.- (D)

14. Which one of the following is not used as emergency contraception ?

- (a) Levonorgestrel
- (b) Monohasic pill
- (c) DMPA
- (d) Progestasert

Ans.- (C)

15. Which one of the following condition is **not** suitable for female sterilization ?

- (a) Heart disease
- (b) Recurrent molar pregnancies (>4)
- (c) Maternal syphilis
- (d) Woman is 39 years old

Ans.- (D)

16. Which one of the following statements is **not** correct regarding RU 486 used for MTP ?

- (a) It is a 19 -nortestosterone derivative
- (b) It acts as an inhibitor of progesterone-receptor in the endometrium
- (c) It is effective up to 12weeks of pregnancy
- (d) A single dose of 200 mg is given orally

Ans.- (D)

17. Match List I (Syndrome) with List II (Associated conditions ) and select the correct answer using the codes given below the lists :

<i>List I</i> (Syndrome)	<i>List II</i> (Associated conditions)
-----------------------------	---

- |                           |   |
|---------------------------|---|
| A. Asherman's Syndrome    | 1. Karyotype is XXY or XXXY                     |
| B. Kallmann's Syndrome    | 2. Ascites<br>Hydrothorax with fibroma of ovary |
| C. Klinefelter's Syndrome | 3. anosmia and colour blindness                 |
| D. Meigs' Syndrome        | 4. Intrauterine Adhesions with amenorrhoea.     |

Codes :

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

Ans.- (A)

18. The following drugs can be used to suppress lactation, **except**

- (a) Carbergoline
- (b) Pyridoxine
- (c) High dose estrogens
- (d) Metoclopramide

Ans.- (D)

19. Consider the followings :

1. MTP Act
2. Prenatal diagnosis techniques Act
3. Human rights violation Act

The law(s) that deal(s) with female foeticide in is/are

- (a) 1 and 2
- (b) 2 only
- (c) 2 and 3
- (d) 1 only

Ans.- (A)

20. Which one of the following is **not** an alkylating agent?

- (a) Cyclophosphamide
- (b) Bleomycin
- (c) Thiopeta
- (d) Melphalan

Ans.-(B)

21. Match List -I with List II and select the correct answer using the codes given below the Lists:

<i>List -I</i>	<i>List II</i>
A. Natural estrogen	1.Used for luteal support
B. Micronized Progesterone	2. Puberty menorrhagia
C. 19-ortestosterone	3.To decrease fertility
D. 17-enthinyl Estradiol	4. Senile vaginitis

Codes :

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

Ans.- (D)

22. Consider the following :

1. Disese control phase

2. Health promotional phase
3. social engineering phase
4. Health for all phase

The correct sequenmce of distinct phases demarcated in the history of public health is

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

Ans.- (A)

23. People with healthy immune system usually have CD<sub>4</sub> cell count of

- (a) 1000-1200 mm<sup>3</sup>
- (b) 800-1000 mm<sup>3</sup>
- (c) 400-800 mm<sup>3</sup>
- (d) 200-400 mm<sup>3</sup>

Ans.- (A)

24. Screening of women above 35 years for cancer cervix , using the pap smear, is a method of

- (a) Primordial preventionm
- (b) Health promotion
- (c) Specific protection
- (d) Secondary prevention

Ans.- (C)

25. Ability of the test to detect absence of the disease in those who actually do not have it is called

- (a) Sensitivity
- (b) Specificity
- (c) Positive predictive value
- (d) Nagative predictice value

Ans.- (B)

26. Restrospective cohort studies are **not** charcterised by

- (a) the study groups are exposed and non-expose
- (b) incidence rates may be computed
- (c) the required sample size is smaller than tahjat needed for a concurrent cohort study
- (d) the required sample size is similar to that needed for concurren t cohort study

Ans.- (D)

27. A case-control study is **not** characterised by
- (a) Cases with the disease are compared to controls without the disease
  - (b) Assessment of past exposure may be biased
  - (c) Definition of cases may be difficult
  - (d) Incidence rates may be computed directly

Ans.- (D)

28. The purpose of a double-blind study is to
- (a) reduce the effects of sampling variation
  - (b) avoid observer and subject bias
  - (c) avoid observer bias and sampling variation
  - (d) avoid subject bias and sampling variation

Ans.- (B)

29. Acquisition of skills is known as
- (a) cognitive learning
  - (b) affective learning
  - (c) psychomotor learning
  - (d) learning by conditioned reflex

Ans.- (A)

30. Zero population growth rate is seen in
- (a) Sweden and GDR
  - (b) USA and Russia
  - (c) France and Japan
  - (d) No country in the world so far

Ans.- (A)

31. The National Health Policy of India, 2002 sets out the following goals to be achieved, **except**
- (a) Eradication of poliomyelitis by 2005
  - (b) Elimination of Leprosy by 2005
  - (c) Zero level growth of HIV/ AIDS by 2007
  - (d) Elimination of Kala-azar by 2007

Ans.- (D)

32. According to WHO, adolescence generally means the age group of
- (a) 13 to 19 years

- (b) 12 to 18 years
- (c) 11 to 15 years
- (d) 10 to 19 years

Ans.- (A)

33. Essential obstetric care includes the following, **except**

- (a) Early registration of pregnancy (within 12-16 weeks)
- (b) Provision of safe delivery
- (c) 24-hour delivery services at primary health centres (PHCs)
- (d) Provision of minimum three antenatal check-ups

Ans.- (C)

34. Under the Revised National Tuberculosis Control Programme, schedule of treatment for category I patients is

- (a) 2 (HRZE)<sub>3</sub> + 4 (HR)<sub>3</sub>
- (b) 2 (HRZE)<sub>3</sub> + 4 (HRE)<sub>3</sub>
- (c) 2(HRZES)<sub>3</sub>+1(HRZE)<sub>3</sub>+5(HRE)<sub>3</sub>
- (d) 2 (HRZ)<sub>3</sub> + 4 (HR)<sub>3</sub>

Ans.- (A)

35. Under EMCP (Enhanced Malaria Control Project) launched in 1997, the criteria for selection of PHCs (Primary Health Centers) included the following **except**

- (a) API more than 2 for the last 3 years
- (b) Plasmodium falciparum more than 30% of total malaria cases
- (c) The area has been reporting deaths
- (d) The area has been reporting epidemics

Ans.- (D)

36. The best available index of the size of the tuberculosis problem in a community is

- (a) Tuberculin index
- (b) Prevalence of sputum positive cases
- (c) Tuberculin conversion index
- (d) Prevalence of chest X-ray positive

Ans.- (C)

37. According to International Health Regulations (IHR) Act, a pregnant woman, with the following

duration of pregnancy (in weeks), cannot travel by air to other country

- (a) 20
- (b) 28
- (c) 32
- (d) 36

Ans.- (D)

38. Consider the following facts regarding Indian situation :

1. Sex ratio is 933 per 1000 males
2. Literacy rate is approximately 65 %
3. Growth rate of the population is 1.9 %

Which of these is /are findings of the 2001 Census of India ?

- (a) 1 only
- (b) 1 and 2
- (c) 1, 2 and 3
- (d) 3 only

Ans.- (C)

39. If the incidence rate of a disease is many times higher in women than in men, but the prevalence rate shows no sex difference, it could be because

- (a) The crude death rate is greater in women
- (b) The duration of this disease is shorter in men
- (c) The case-fatality rate for this disease is lower in women
- (d) The case-fatality rate for this disease is greater in women

Ans : - (B)

40. In Central Births and Deaths registration Act, notification of deaths should be done by

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

Ans : - (A)

41. The best indicator for measuring the replacement of females in a population is

- (a) Net reproduction rate
- (b) Gross reproduction rate

- (c) Total fertility rate
- (d) Age specific fertility rate

Ans : - (A) net reproduction rate

42. The number of years of healthy life lost due to all causes whether from premature mortality or from disability is called

- (a) Quality adjusted life lost years (QALYs)
- (b) Disability adjusted life years (DALYs)
- (c) Sullivan's index
- (d) Standardised mortality ratio (SMR)

Ans : - (B/C)

43. Total fertility rate indicates

- (a) Number of live births per 1000 women aged 15 to 45 years
- (b) Number of female children per 1000 woman aged 15 to 45 years .
- (c) Number of female children a woman will have in her reproductive life span, assuming fixed fertility and mortality
- (d) Completed family size

Ans : - (D)

44. Match list -I (Insecticides) with List-II (Characteristics) and select the correct answer using the codes given below the Lists:

<i>List-I</i> (Insecticides)	<i>List-II</i> (Characteristics)
A. Derris	1. Synthetic Contact poison
B. Gardona	2. Natural contact poison
C. Sodium fluoride	3. Fumigant
D. Methyl bromide	4. Stomach poison

Codes :

(a)	A	B	C	D
	3	1	4	2

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

Ans :- (C)

45. Human development Index (HDI) does **not** consider

- (a) Life expectancy  
(b) Literacy  
(c) Income  
(d) Infant mortality

Ans :- (D)

46. Cutting instruments like knives and scissors should be sterilized by

- (a) Boiling in water  
(b) Heating  
(c) Detergents  
(d) Carbolic

Ans :- (A)

47. Match List -I (Arthropod ) with List -II (Disease transitted ) and select the correxct answer using the codes given below the Lists:

List -I  
(Arthropod )

- A. Mosquito  
B. Rat flea  
C. Black fly  
D. Tsetse fly

List-II  
(Dissease  
transmitted )

1. Sleeping  
Sickness  
2. Onchocerci-asis  
3. Viral encephalites  
4. Bubonic plague

Coses :

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

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

Ans :- (C)

48. Which one among the following edible oils yields highest quantity of polyunsaturated fatty acids (PUFA) ?

- (a) Coconut oil  
(b) Corn oil  
(c) Graoudnut oil  
(d) Sunflower

Ans :- (D)

49. consider the following contraceptives :

- 1.Copper T  
2.Contracptive Pill  
3.Condom  
4.Spermicides

Which of these are conventional Contraceptives?

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

Ans :- (C)

50. Match List -I (Occupational exposure to ) with List -II (Occupational disease ) and select teh correct answer using the codes given below the lists:

List -I

(Occupational  
exposure to)

List -II

(Occupational  
desiease)

- A. Intensse cold  
B. High pressure  
C. Poor light  
D. Mercury  
Poisoning

1. Minimata disease  
2. Nitrogen  
Embolism  
3. Trench foot  
4. Miner's  
Nystagmus

Codes:

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

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

Ans :- (C)

Direction (For the following eight items):

The following **8 (eight)** items consist of two statements, one labelled as the 'Assertion[A]' and the other as 'Reason [R]'. You are to examine these two statements carefully and select the correct answer to these items using the codes given below:

Codes :

- (a) Both A and R are individually true and R is the correct explanation of A.
- (b) Both A and R are individually true but R is **not** the correct explanation of A.
- (c) A is true but R is false
- (d) A is false but R is true.

**51. Assertion (A):**

Corticosteroids are useful in the management of meconium aspiration syndrome.

Reason [R]:

Steroids reduce the inflammatory response.

Ans :- (D)

**52. Asssertion [A] :**

Neural tube defects in the foetus can be prevented by periconceptional folic acid supplementation.

Reason [R] :

Mothers giving birth to children with neural tube defect have deficient folate status.

Ans :- (A)

**53. Assertion [A]:**

Dose of insulin at 34 weeks of pregnancy with diabvetes should be decreased.

Reason [R]:

Intrauterine death of foetus in 3<sup>rd</sup> trimester in a diabetic patient occurs due to macrosomia.

Ans :- (D)

**54. Assertion [A] :**

Caesarean section should be done for all preterm breech .

Reason [R]:

Caesarean section decreases the incidence of respiratory distress syndrome in a breech .

Ans :- (A)

**55. Assertion [A] :**

when a pregnancy occurs with Cu-T in position, it should be left in situ.

Reason [R] :

Cu-T in situ does not increase the risk of congenital foetal malformations.

Ans :- (A)

**56. Assertion [A]:**

In the prevention of coronary heart disease [CHD] primodial prevention is novel approach.

Reason [R]:

Primodial prevention involves preventing the emergence and spread of CHD risk factors and life styles.

Ans :- (A)

**57. Assertion [A]:**

Lathyrism is caused by consumption of keshri dal

Reason [R]:

Kesari dal contains pyrolizidine alkaloids.

Ans :- (A)

**58. Assertion [A]:**

sunflower oil is nutritionally superior to mustard oil.

Reason [R] :

Mustard oil has higher level of linoleic acid.

59. The most common type of esophageal atresia with tracheoesophageal fistula is

- (a) Side to side
- (b) Proximal
- (c) Distal end to trachea
- (d) Proximal and distal end to trachea

Ans :- (C)

60. Consider the following statements:  
life threatening features of acute-severe asthma in children include

1. Altered sensorium
2. pulsus paradoxus
3. audible wheeze in both inspiration and expiration
4. oxygen saturation 92-95%

Which of these statements is /are correct?

- (a) 1 only
- (b) 2 and 4
- (c) 1 and 2
- (d) 1,2,3 and 4

Ans :- (C)

61. The following conditions will have microscopic haematuria and hypocomplementemia [ decreased C<sub>3</sub> level] ,**except** .

- (a) Focal segmental glomerulosclerosis
- (b) Acute post-streptococcal glomerulonephritis.
- (c) Membrane proliferative glomerulonephritis
- (d) SLE nephritis

Ans :- (A)

62. Acquired extra -cranial infection that causes Aqueductal stenosis is

- (a) Bacterial endocarditis
- (b) Mumps
- (c) Measles
- (d) Staphylococcal septicemia

Ans :- (B)

63. Which one of the following drugs can cause pseudotumour cerebri?

- (a) Salicylic acid

- (b) Nalidixic acid
- (c) Tetracycline
- (d) Nitrofurantoin

Ans :- (C)

64. Which one of the following is **not** a feature of phenylketonuria?

- (a) Severe mental retardation
- (b) Reduced tendon reflexes
- (c) Enamel hypoplasia
- (d) Vomiting in early infancy

Ans :- (D)

65. Consider the following :

1. Serum iron
2. Red cell size
3. Serum total iron binding capacity
4. Serum ferritin

Which of these are decreased in iron deficiency anaemia?

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

Ans :- (C)

66. Which one of the following is **not** associated with jaundice in infancy?

- (a) Hereditary fructose intolerance
- (b) Maple syrup urine disease
- (c) Galactosemia
- (d) Crigler-Najjar syndrome

Ans :- (A)

67. Consider the following statements:

1. Vitamin A administration reduces the severity and mortality due to measles
2. Koplik's spots appear on buccal mucosa on 3rd day of appearance of rash
3. neurological complications are the most common complication following measles
4. children with measles infection should also be actively immunized to protect against future episodes.

Which of these statements is/are true with regard to measles?

- (a) 1 only
- (b) 1 and 3
- (c) 2 and 4
- (d) 1,2,3 and 4

Ans :- (A)

**68.** A 6-year old boy is brought to emergency with purpuric and petechial rash all over the body. He appears semiconscious and febrile. Total leukocyte count is 20000 per  $\text{mm}^3$  with 88% polymorphs. Platelet count is  $1-2 \text{ lac/mm}^3$ . The most likely diagnosis is

- (a) Idiopathic thrombocytopenic purpura
- (b) Meningococemia
- (c) Staphylococcal toxic shock syndrome
- (d) Dengue hemorrhagic fever

Ans :- (B)

**69.** Which one of the following is a conjugated vaccine?

- (a) Hepatitis B
- (b) Rubella
- (c) Hemophilus influenzae b
- (d) Pertussis

Ans :- (A)

**70.** Which one of the following is the most complication of measles infection in children?

- (a) Otitis media
- (b) Bronchopneumonia
- (c) Encephalitis
- (d) Diarrhoea

Ans :- (A)

**71.** Consider the following statements with reference to the normal child development:

1. The sequence and time of attainment of milestones may vary among individual children
2. Development always proceeds in a cephalocaudal sequence
3. Presence of primitive reflexes is essential for attaining voluntary actions

4. Development depends on the myelination and integrity of central nervous system

Which of these statements is/are true interpretations of the laws of normal child development?

- (a) 1 only
- (b) 1 and 3
- (c) 2 and 4
- (d) 1,2,3 and 4

Ans :- (D)

**72.** Consider the following factors:

1. Head control
2. Social smile
3. Crawls
4. Sits up

The correct sequence in the developmental milestones during the last year of life is

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

Ans :- (B)

**73.** Consider the following statements:

A 15 months old can

1. Crawl upstairs
2. Make a tower of 3 cubes
3. Name a familiar object
4. Indicate desire by pointing

Which of these statements is/are correct?

- (a) 1 only
- (b) 1 and 2
- (c) 2 and 4
- (d) 1,2,3 and 4

Ans :- (D)

**74.** You are part of a neonatal resuscitation team attending a delivery. A baby weighing 3 kg is born and has not cried immediately. What sequence of resuscitation steps will you carry out for this baby?

- (a) Dry the baby; position the head; tactile stimulation; suction of mouth and nose; free flow oxygen if required
- (b) Dry the baby; free flow oxygen; suction of mouth and nose

- (c) Position the baby; suction of mouth and nose ;free flow oxygen; tactile stimulation;dry the baby  
 (d) Dry the baby; position the baby; suction of mouth and nose ;tatile stimulation ;free flow oxygen if required.

Ans:- (D)

75. The amount of oral Vitalmin A solution administered to children under Vitamin A prophylaxis programme is

- (a) One lakh units every 6 months  
 (b) One lakh units every 1 year  
 (c) Two lakh units every 6 months  
 (d) Two lakh units every 1 years

Ans:- (C)

76. Daily requirement of calories and protein for a 10 kg weighing child are, respectively

- (a) 800 kcal and 20 gm  
 (b) 1000 kcal and 20 gm  
 (c) 1000 kcal and 25 gm  
 (d) 1200 kcal and 25 gm

Ans:- (B)

77. Match List -I (Clinical and radiological findings) with List-II (Vitamin deficiency states) and select the correct ansewer using the codes given below the Lists:

<i>List -I</i> <i>(Clinical and radio- logical findings)</i>	<i>List-II</i> <i>(Vitamin deficiency states)</i>
A. Subperiosteal Haemorrhage	1. Vitamin C deficiency
B. Caratact	2. Riboflavin Deficiency
C. Circumcorneal vascularization and keratitis	3. Vitamin D deficiency
D. Gastrointestinal and neurological manifestations	4. Niacin deficiency
	5. Thiamine deficiency

Codes :

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

Ans : - (A)

78. Microcytic hypochromic anamia may result from the deficiency of

- (a) Folic acid  
 (b) Cyanocobalamine  
 (c) Pyridoxine  
 (d) Riboflavin

Ans : - (C)

79. Consider the following :-

1. Growth retardation
2. Skin changes
3. Mental apathy
4. Hair changes

Which of these is /are the constant clinical feature[s] of kwashiorkor?

- (a) 1 only  
 (b) 1 and 3  
 (c) 2,3 and 4  
 (d) 1,2,3 and 4

Ans : - (B)

80. Which one of the following statements is **not** true about epiglottitis ?

- (a) The most frequent causative agent is pneumococcus  
 (b) Presents with high fever and stridor  
 (c) Stridor diminishes with fatigue  
 (d) Examitation of throat may cause sudden death

Ans : - (A)

81. Amoniotic fluid at 38 weeks in normal pregnancy is

- (a) 800 cc  
 (b) 1100 cc  
 (c) 1500 cc  
 (d) 1800 cc

Ans : - (A)

82. A para II poorly compensated cardiac patient has delivered 2 days back. You will advise her to

- (a) Undergo sterilisation (tubectomy ) after 1week
- (b) Undergo sterilisation after 6 weeks
- (c) Suggest her husband to undergo vasectomy
- (d) Take oral contraceptive pills after 6 months

Ans :- (C)

83. Hypothyroidism is associated with the following clinical problems, **except**

- (a) Menorrhagia
- (b) Early abortions
- (c) Galactorrhoea
- (d) Thromboembolism

Ans :- (D)

84. Therapeutic level of magnesium in serum for treatment of eclampsia is

- (e) 2-7 mEq/L
- (f) 9-12 mEq/L
- (g) 15-17 mEq/L
- (h) 30-35 mEq/L

Ans :- (B)

85. Which one of the following **cannot** be diagnosed prenatally by chorion villus sampling ?

- (a) Inborn errors of metabolism
- (b) Neural tube defects
- (c) Chromosomal abnormalities
- (d) Foetal sex

Ans :- (B)

86. The following parameters are included in 'Foetal Biophysical Profile', **except**

- (a) Placental calcification
- (b) Amniotic fluid volume
- (c) Non-stress test
- (d) Foetal breathing movement

Ans :- (A)

87. Which one of the following is true regarding median episiotomy?

- (a) Blood loss is more
- (b) More likely to extend to the anal sphincter
- (c) Anatomical opposition is poor
- (d) There is increased incidence of dyspareunia

Ans :- (B)

88. Match List -I ( foetal diameters) with List-II (Length in cm) and select the correct answer using the codes given below the Lists:

List-I (foetal diameters)                      List -II (Length in cm)

- |                               |             |
|-------------------------------|-------------|
| A. Submentobregmatic diameter | 1. 11.25 cm |
| B. Occipitofrontal diameter   | 2. 9.20 cm  |
| C. Mentovertical diameter     | 3. 10.00 cm |
| D. Bitrochanteric diameter    | 4. 13.00 cm |

Codes :

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

Ans :- (D)

89. During the first stage of labour the membranes ruptured and the umbilical cord prolapsed . Foetal heart rate is 120-130 per minute; cervix is about 5 cm dilated .Which one of the following will be the appropriate treatment?

- (a) Repose cord and raise foot and of bed
- (b) Repose cord and apply ventouse
- (c) Lower segment caesarean section
- (d) Forceps delivery under general anaesthesia

Ans :- (C)

90. Preterm labour is **not** treated by

- (a) Nifedipine
- (b) MgSO<sub>4</sub>
- (c) Nitrous oxide patch
- (d) Misoprostol

Ans :- (D)

91. match List -I (Condition ) with List -II (Treatment ) and select the correct answer using the codes given below the lists:

- |                   |                  |
|-------------------|------------------|
| <i>List-I</i>     | <i>List - II</i> |
| (Condition )      | (Treatment )     |
| A. Preterm breech | 1. Induction of  |

- |                                 |                                |        |
|---------------------------------|--------------------------------|--------|
|                                 |                                | labour |
| B. Intrauterine death           | 2. Cleidotomy                  |        |
| C. Transverse lie in<br>Indtwin | 3. LSCS                        |        |
| D. Shoulder<br>dystocia         | 4. Internal podalic<br>version |        |

Codes :

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

Ans :- (A)

92. At the end of the normal puerperium the uterine weight is

- (a) 40 gm
- (b) 60 gm
- (c) 80 gm
- (d) 100 gm

Ans :- (B)

93. Which one of the following is **not** a component of APGAR scoring in the newborn?

- (a) Heart rate
- (b) Muscle tone
- (c) Respiratory effort
- (d) Body temperature

Ans :- (D)

94. The cause of 'Postpartum blue' is

- (a) Decreased estrogen
- (b) Decreased progesterone
- (c) Increased prolactin
- (d) Decreased estrogen and progesterone

Ans :- (D)

95. Which one of the following is **not** correct regarding vagina?

- (a) It has mucus-secreting glands
- (b) Its posterior wall is covered by peritoneum
- (c) It is lined by stratified squamous epithelium
- (d) It is supplied by the uterine artery

Ans :- (A)

96. In testicular Feminisation syndrome [Androgen Insensitivity Syndrome ] Gonadectomy is indicated

- (a) As soon as it is diagnosed
- (b) At puberty
- (c) Only when malignancy develops in it
- (d) When hirsutism is evident

Ans :- (B)

97. Consider the following findings:

1. Chromatin negative
2. Menorrhagia
3. Anovulatory cycles
4. Secondary amenorrhoea

Which of th above findings is/are present in Turner's syndrome?

- (a) 1 only
- (b) 2 and 3
- (c) 2 and 4
- (d) 1,2,3 and 4

Ans :- (A)

98. Hormone Replacement Therapy is contraindicated in

- (a) atherosclerosis
- (b) osteoporosis
- (c) Urogenital atrophy
- (d) Venous thromboembolism

Ans :- (D)

99. While performing a frectional curettage for perimenopausal bleeding which procedure is performed first ?

- (a) Endocervical curettage
- (b) Uterine sounding

- (c) Exocervical punch biopsy
  - (d) Dilatation of the cervix
- Ans :- (A)

**100.** Primary amenorrhoea is caused by the following karyotypes, **except**

- (a) 45 XO
  - (b) 45XXX
  - (c) 45XY
  - (d) 45XO/46XX
- Ans :- (B)

**101.** Consider the following complications :

1. Cervical pregnancy
2. cervical dystoia during labour
3. cervical incompetence
4. cervical stenosis

Which of the above complications are observed after Fothergill's operation ?

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

Ans :- (C)

**102** Presence of 'Clue cells ' in the wet smear of vaginal discharge is suggestive of

- (a) Bacterial vaginosis
  - (b) Candidiasis
  - (c) Chlamydia
  - (d) Trichomoniasis
- Ans :- (A)

**103.** Which one of the following is **not** an indication for IVF-ET ?

- (a) Tubal disease
- (b) Severe endometriosis
- (c) Impotence in the male
- (d) Unexplained infertility

Ans :- (B)

**104.** In azoospermia, the diagnostic test which distinguishes between testicular failure and obstruction in the vas deferens is

- (a) Estimation of FSH level
- (b) Estimation of testosterone level

- (c) Karyotyping
- (d) FNAC of testes

Ans :- (A)

**105.** In the context of epidemiology, the following are important criteria for making causal inferences, **except**

- (a) Strength of association
- (b) Consistency of association
- (c) Coherence of association
- (d) Predictive value

Ans :- (D)

**106.** Which one of the following 'outcome measures' is **not** indicative of the benefit of a disease screening programme?

- (a) Reduction of case-fatality rate in screened individuals
- (b) Improvement in the quality of life in screened individuals
- (c) Reduction of incidence in the population screened
- (d) Reduction of complications

Ans :- (C)

**107.** Net protein utilization of fish is

- (a) 57 %
- (b) 57 %
- (c) 77%
- (d) 87 %

Ans :- (C)

**108.** Which one of the following is **not** a contraindication for giving a live attenuated viral vaccine ?

- (a) Current febrile illness
- (b) Recent administration of immunoglobulin
- (c) Immunosuppressive disorder
- (d) Administration of another live vaccine

Ans :- (A)

109 Homes where children are placed under the care of doctors and psychiatrists are called

- (a) Foster homes
- (b) Borstals
- (c) Remand homes
- (d) Child guidance clinics

Ans :- (B)

110. Frozen DPT vaccine should be

- (a) Shaken thoroughly before use
- (b) Allowed to melt before use
- (c) Discarded
- (d) Brought to room temperature

Ans :- (C)

111. In an area not covered by measles immunization, the attack rate of measles is

- (a) 70 %
- (b) 80%
- (c) 90 %
- (d) 100%

Ans :- (C)

112. The temperature attained in incinerators for proper disposal of hospital wastes is

- (a) 200 °C-400 °C
- (b) 400 °C-600 °C
- (c) 600 °C-800 °C
- (d) 800 °C-1200 °C]

Ans :-

113. Male contraceptive pill contains

- (a) Bromocriptine
- (b) Cyprohepatidine
- (c) Cyproterone acetate
- (d) Mandelic acid

Ans :- (C)

114. Which correlate of protective immune response is measured by Mantoux test?

- (a) Antibody mediated hypersensitivity
- (b) Delayed type of hypersensitivity
- (c) Antibody dependent cell mediated hypersensitivity
- (d) Immune complex mediated hypersensitivity

Ans :- (B)

115. Consider the following statement regarding drinking water samples :

1. No sample should be contains coliform organisms
2. No sample should contains E.coli
3. No two successive samples should contain coliform organisms
4. No two successive samples should contain E.coli

Which of the above criterion /criteria is /are included in the standards prescribed by WHO for drinking water?

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

Ans :- (C)

116. Which one of the followings statement about leprosy is true ?

- (a) Group surveys for case detection are carried out when prevalence of leprosy is less than 1 per 1000
- (b) For determining bacteriological index,++ in a smear indicates 2 bacilli in every field
- (c) Minimum duration of treatment for paucibacillary cases is for 9 months
- (d) Minimum duration of treatment for multibacillary cases is for 12 months

Ans :- (A)

117. The drug of choice for chemoprophylaxis of cholera in adults needs the administration of

- (a) Doxycycline [300 mg] once/ single dose
- (b) Tetracycline in a dose of 500 mg twice daily for 3 days
- (c) Metronidazole [400 mg] thrice daily for 7 days
- (d) Chloramphenicol [500 mg] thrice daily for 7 days

Ans :- (B)

118. What is the correct recommended schedule [on days ] for post exposure treatment of persons who have been vaccinated for rabies previously with HDC?

- (a) 0,3 and 7
- (b) 0,3,7 and 14

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(c) 0, 3, 7, 14 and 28

(d) 0 and 3

Ans : - (A)

**119.** Which one of the following diseases has the shortest incubation period ?

(a) Salmonella food poisoning

(b) Staphylococcus food poisoning

(c) Cholera

(d) Diphtheria

Ans : - (A)

**120.** Prevalence of diabetes mellitus in adults of India is about

(a) 0.9 %

(b) 2.4 %

(c) 3.8 %

(d) 6.5 %

Ans : - (C)

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