(1) In the menstrual cycle ‘Luteal phase’ occurs between –
   (A) 1 – 4 days  (B) 4 – 14 days
   (C) 11 – 18 days  (D) 14 – 28 days

(2) Heat regulating center are located in –
   (A) cerebral  (B) cerebellum
   (C) Hypothalamus  (D) Medulla oblongata

(3) Proto diastolic phase time duration in cardiac cycle is - (Ventricular diastole)
   (A) 0.4 sec.  (B) 0.10 sec.
   (C) 0.04 sec.  (D) 0.15 sec.

(4) Kupffer's cells are found in-
   (A) kidney  (B) Liver
   (C) Lungs  (D) Brain

(5) Normal Bleeding time is –
   (A) 3–5 sec  (B) 3-5 minute
   (C) 5–7 minute  (D) 11-13 sec

(6) pH of the pancreatic secretion is –
   (A) 6.8  (B) 7.7
   (C) 7.5- 8.0  (D) 7.5 – 8.3

(7) Normal Serum cholesterol is –
   (A) 60–180 unit/L  (B) 150- 250 mg/dl
   (C) 30- 120 mg/dl  (D) 150- 250 unit/L

(8) Normal Serum creatine is -
   (A) 0.6 –1.5 mg/dl  (B) 0.2– 0.6 mg/dl
   (C) 15 – 40 mg/dl  (D) 8.5 – 10.5 mg/dl

(9) Which vitamin is useful in treatment of Alcaptonuria
   (A) Vit. A  (B) Vit. C
   (C) Vit. B6  (D) Vit. E

(10) Which one of the hormone is not secreted by adenohypophysis part of pituitary gland ?
    (A) MSH  (B) STH
    (C) ADH  (D) TSH

(11) An antioxidant vitamin is
    (A) Vit. A  (B) Vit. k
    (C) Vit. B6  (D) Vit. E

(12) BMR rate in Male is -
    (A) 24.2 K call/sq meter/hr  (B) 36.1 K call/sq meter/hr
    (C) 32.1 K call/sq meter/hr  (D) 38.2 K call/sq meter/hr

(13) Which vitamin is useful in treatment of Measles
    (A) Vit. A  (B) Vit. k
    (C) Vit. B6  (D) Vit. E

(14) Which one of the hormone is not secreted by pituitary gland -
    (A) MSH  (B) STH
    (C) TH  (D) TSH

(15) S.G. of urine is -
    (A) 1005  (B) 1010
    (C) 1025  (D) 1017-34

(16) Total Filling phase duration in ventricular diastole is
    (A) 0.25 sec.  (B) 0.10 sec.
    (C) 0.04 sec.  (D) 0.4 sec.
(17) Duration of 1st Heart sound is -
   (A) 0.9- 0.14 sec. (B) 0.9- 0.16 sec.
   (C) 0.9- 0.18 sec. (D) 0.15 sec.

(18) 9th Cranial nerve is –
   (A) Vagus (B) Hypoglossal
   (C) Glassopharyngeal (D) Accessory

(19) Largest Cranial nerve of the body is –
   (A) Vagus (B) Hypoglossal
   (C) Trigeminal (D) Abducent

(20) Longest Cranial nerve of the body is –
   (A) Vagus (B) Hypoglossal
   (C) Trigeminal (D) Abducent

(21) Trigeminal Cranial nerve is –
   (A) Sensory (B) Motor
   (C) Mixed (D) None

(22) In the Blood antibodies are found in -
   (A) Serum albumin (B) Serum globulin
   (C) Erythrocyte cell membrane (D) Serum fibrin

(23) Pellagra is caused due to the deficiency of -
   (A) Vit. B3 (B) Vit. B5
   (C) Vit. B6 (D) Vit. E

(24) Megaloblastic Anemia is caused due to the deficiency of
   (A) Vit. B3 (B) Vit. B5
   (C) Vit. B6 (D) Vit. B9

(25) Rickets is caused due to the deficiency of
   (A) Vit. A (B) Vit. D
   (C) Vit. E (D) Vit. K

(26) Which of the following hormone hyposecretion is caused Conn’s disease -
   (A) GH (B) Aldostrrone
   (C) Corticosterone (D) TH

(27) Which of the following hormone hypersecretion is caused Hyperglycemia -
   (A) Insulin (B) Aldostrrone
   (C) Corticosterone (D) Glucagon

(28) Cynocobalomine is
   (A) Vit. A (B) Vit. k
   (C) Vit. B6 (D) Vit. B12

(29) Ragulatary center of Vomiting is –
   (A) Cerebral (B) Cerebellum
   (C) Hypothalamus (D) Medulla oblongata

(30) Ragulatary center of Knowledge is –
   (A) cerebr al (B) cerebellum
   (C) Hypothalamus (D) medulla oblongata

(31) Phagocytic WBC is –
   (A) Monocyte (B) Lymphocyte
   (C) Basophills (D) Eosinophills

(32) Proaccercerlin Blood Clotting factor is –
   (A) 4 (B) 5
   (C) 6 (D) 7

(33) Daily dose of potassium is -
   (A) 1 gm (B) 1.5 gm
   (C) 4 gm (D) 2 gm

(34) Daily requirement of vitamine k is –
   (A) 5000 I.U. (B) 300 I.U.
   (C) 400 I.U. (D) 3000 I.U.
(35) In menstrual cycle Follicular phase occurs between –
   (A) 1 - 4 days (B) 4- 14 days
   (C) 11 - 18 days (D) 14- 28 days

(36) Ragulatary center of Peristalsis is –
   (A) Cerebral (B) Cerebellum
   (C) Hypothalamus (D) Medulla oblongata

(37) BMR rate in Female is -
  (A) 24.2 K call/sq meter/hr (B) 36.1 K call/sq meter/hr
  (C) 32.1 K call/sq meter/hr (D) 38.2 K call/sq meter/hr

(38) Which one of the vitamin is useful in treatment of Bronchial Asthma
   (A) Vit.. A (B) Vit. k
   (C) Vit. B6 (D) Vit. E

(39) Which one of the hormone is not secreted by thyroid gland -
   (A) MSH (B) STH
   (C) TH (D) TSH

(40) S.G. of CSF is -
  (A) 1005 (B) 1010
  (C) 1025 (D) 1017-34

(41) Iron absorption taken place in -
  (A) Stomuch (B) Duodenum
  (C) Jejunum (D) Ileum

(42) Total Ejection phase duration in ventricular systole is
  (A) 0.25 sec. (B) 0.10 sec.
  (C) 0.04 sec. (D) 0.15 sec.

(43) Time duration of 2nd Heart sound is -
  (A) 0.10- 0.14 sec. (B) 0.9- 0.16 sec.
  (C) 0.10- 0.12 sec. (D) 0.15 sec.

(44) 11th Cranial nerve is –
   (A) Vagus (B) Trochlear
   (C) Glassopharyngeal (D) Accessory

(45) Shortest Cranial nerve of the Body is –
   (A) Vagus (B) Trochlear
   (C) Trigeminal (D) Abducent

(46) Thinnest Cranial nerve of the Body is –
   (A) Vagus (B) Trochlear
   (C) Trigeminal (D) Abducent

(47) Accessory Cranial nerve is –
   (A) Sensory (B) Motor
   (C) Mixed (D) None

(48) In the Blood antigen are found in -
   (A) Serum albumin (B) Serum globulin
   (C) Erythrocyte cell membrane (D) Serum fibrin

(49) Normal Sperm count in male is –
   (A) 50 million (B) 100 million
   (C) 50-100 million (D) 60-150 million

(50) Normal Haemoglobin count in male is -
   (A) 12-14gm/100ml (B) 14-16 gm/100ml
   (C) 16-18 gm/100ml (D) 18-20 gm/100ml

(51) Largest WBC is –
   (A) Monocyte (B) Lymphocyte
   (C) Basophills (D) Eosinophills

(52) Accercerlin is Blood Clotting factor no. –
   (A) 4 (B) 5
   (C) 6 (D) 7
(53) A mature human RBC has an average diameter of about –
   (A) 2.5 micron  (B) 5.5 micron
   (C) 7.5 micron  (D) 10.5 micron

(54) from which month onwards intrauterine life, the erythropoiesis starts in red bone marrow –
   (A) 4th  (B) 5th
   (C) 3rd  (D) 7th

(55) Vitamin B₁₂ is absent in –
   (A) Meat  (B) Daily products
   (C) Vegetable  (D) None

(56) The pregnant women are especially susceptible to which Vitamin –
   (A) B₆  (B) B₁₂
   (C) Folice acid  (D) B₁₂ & Folice acid

(57) Each haemoglobin molecule can combine with how many molecules of Oxygen.
   (A) 4  (B) 3
   (C) 2  (D) 1

(58) In health, the albumin globin (A/G) ratio is about –
   (A) 0.5  (B) 1.2
   (C) 1.7  (D) 2.3

(59) The Golden yellow color of faeces is due to all except –
   (A) Stercobilinogen  (B) Urobilin
   (C) Stercobilin  (D) None

(60) The Succus entericus is produced by –
   (A) Brunner’s glands  (B) Villi
   (C) Crypts of lieberkuhn  (D) None

(61) After a meal, the heart rate usually –
   (A) Rises  (B) Falls
   (C) Remains unaltered  (D) None

(62) The heart rate is least in which posture –
   (A) Standing  (B) Sitting
   (C) Recumbent  (D) None

(63) A BMR below ------- is almost diagnostic for Hypothyroidism –
   (A) 50 %  (B) 20 %
   (C) 30 %  (D) 40 %

(64) Which cells are the basis of ‘blood testis barrier.
   (A) Interstitial cells  (B) Leyding cells
   (C) Sertoli cells  (D) All

(65) Which cells of the testis are a source of Oestrogen in the adult healthy male
   (A) Interstitial cells  (B) Leyding cells
   (C) Sertoli cells  (D) All

(66) The semen is ............ in reaction –
   (A) Acidic  (B) Alkaline
   (C) Neutral  (D) None

(67) The hormone secreted by theca interna of a graffian follicle -
   (A) Estrogen  (B) Progestrone
   (C) LH  (D) All

(68) Blood group were discovered by -
   (A) Romanowsky  (B) Landsteiner
   (C) Hopkin’s & Funk  (D) McMurray

(69) All vitamins as a rule, are required in trace quantity with the exception of -
   (A) Vit. A  (B) Vit. B₆
   (C) Vit. C  (D) Vit. B₁₂

(70) Earliest feature of vitamin A deficiency is -
   (A) Nyctalopia  (B) Conjunctival Xerosis
   (C) Bitot spot  (D) Keratomalacia
(71) The toad skin is seen in the deficiency of vitamin -
(A) Vit. A  (B) Vit. B3  (C) Vit. B6  (D) Vit. E

(72) Which vitamin is also called Wills factor -
(A) Thiamine  (B) Pyridoxine  (C) Folic acid  (D) Cyanocobalamine

(73) The poor man’s meat in India
(A) Wheat  (B) Rice  (C) Pulses  (D) Milk

(74) Which cells of a nephron secrete rennin -
(A) Juxta glomerular cell  (B) Lacis  (C) Mesangial  (D) All

(75) In which the visceral pain is not referred -
(A) Appendix  (B) Heart  (C) Lung  (D) None

(76) Which of the following vitamin does not cross placenta -
(A) Vit. A  (B) Vit. D  (C) Vit. K  (D) Vit. E

(77) Higher levels of ‘HbA1c’ are found in people is more prone to -
(A) Diabetes mellitus  (B) Anemia  (C) Bleeding disorders  (D) Haemophilia

(78) Serum amylase rise in -
(A) Pancreatitis  (B) Endocardaitis  (C) Liver Cirosis  (D) Myocardial infacton

(79) Vitamin k is formed in -
(A) kidney  (B) Liver  (C) Stomach  (D) Large intestine

(80) The enzyme Serum alkaline phosphatase is produced by -
(A) Bone  (B) Liver  (C) Placenta  (D) All

(81) SGOT & SGPT get increased in
(A) Viral hepatitis  (B) Liver damage  (C) Both  (D) None

(82) Natural pace makes of the heart is -
(A) S.A. Node  (B) A.V. Node  (C) Bundle of His  (D) Purkinje

(83) Which crinal nerve is not responsible for eye ball muscles movement
(A) Occulomotor  (B) Optic  (C) Trochlear  (D) Abducent

(84) ORS solution dose not contant -
(A) Sodium cloride  (B) Calcium cloride  (C) Bicarbonate  (D) Glucose

(85) Anorexia, Nausia, Vomitting, Swelling, bleeding etc. are the symptoms of hypervitaminosis of
(A) Vit A  (B) Vit D  (C) Vit E  (D) Vit B6

(86) By increase 1°F temperature of body the pulse increases up to -
(A) 5  (B) 10  (C) 15  (D) 20

(87) Normal G.F.R. is
(A) 100-110 ml/mt.  (B) 120-125 ml/mt.  (C) 140-160 ml/mt.  (D) 160-180 ml/mt.
(88) Loss of tongue movement is due to defect in which cranial nerve -
   (A) Trigeminal  (B) Glossopharyngeal
   (C) Hypoglossal  (D) All the above

(89) Which white cells are increased in Malaria -
   (A) Lymphocyte  (B) Basophils
   (C) Monocytes  (D) Eosinophils

(90) Ketone bodies are formed in
   (A) Liver  (B) Spleen
   (C) Kidney  (D) Blood

(91) The deficiency of which vitamin leads to convulsions -
   (A) Thiamine  (B) Nicotinic acid
   (C) Pyridoxine  (D) Riboflavin

(92) Heat stable and light sensitive vitamins are -
   (A) Vitamin K and Folic acid  (B) Vitamin K and Riboflavin
   (C) Pyridoxine and Riboflavin  (D) Vitamin D and Folic acid

(93) The vitamin present only in animal food are -
   (A) Nicotinic acid and Folic acid  (B) Vitamin K and Biotin
   (C) Folic acid and Cynocobalamin  (D) Vitamin D and Cynocobalamin

(94) What is the daily requirement of vitamin A is adult -
   (A) 5000 IU/Kg body weight  (B) 3000 IU/Kg body weight
   (C) 400 IU/Kg body weight  (D) 80 IU/Kg body weight

(95) Parkinsonism is the disease affecting -
   (A) Cerebral cortex  (B) Hypothalamus
   (C) Basal ganglia  (D) Cerebellum

(96) The term Braycardia used to indicate heart rate -
   (A) Less than 100/minite  (B) More than 100/minite
   (C) Less than 60/minite  (D) None of these

(97) Cells involved in Humoral immunity
   (A) T Lymphocytes  (B) B Lymphocytes
   (C) Neutrophils  (D) Monocytes

(98) Which endocrine gland is attributed with fight or flight functions -
   (A) Pituitary gland  (B) Adrenal
   (C) Thyroid  (D) Pancreas

(99) Milk producing hormone is the -
   (A) Relaxin  (B) Progesterone
   (C) Prolactin  (D) Estrogen

(100) In the C.S.F. protein level is elevated and sugar reduced in -
   (A) T.B.M.  (B) AIDS
   (C) Hepatitis  (D) C.R.F.

(101) The Normal amount of faeces is
   (A) 100-200 gm/day  (B) 200-300 gm/day
   (C) 200-250 gm/day  (D) 300-400 gm/day

(102) The amount of urine passed by a man in 24 hours is –
   (A) 500 ml  (B) 1000 ml
   (C) 1500 ml  (D) 2000 ml

(103) Haemophilia is due to deficiency of
   (A) Factor VII  (B) Factor VIII
   (C) Factor IX  (D) Factor X

(104) Haemophilia B is due to deficiency of
   (A) Factor VII  (B) Factor VIII
   (C) Factor IX  (D) Factor X
(105) NaCl present in a composition of ORS solution according to WHO in 2011 is -
   (A) 10 gm
   (B) 3.5 gm
   (C) 5 gm
   (D) 2.6 gm

(106) Schilling’s test is useful to know the deficiency of -
   (A) Vitamin B₁₂
   (B) Vitamin B₆
   (C) Folic acid
   (D) All the above

(107) Intrinsic factor is present in -
   (A) Liver
   (B) Kidney
   (C) Gastric mucosa
   (D) Saliva

(108) Pregnancy hormone is -
   (A) Oestrogen
   (B) Oxytocin
   (C) Progesterone
   (D) Chorionic gonadotropin hormone

(109) After ovulation, the ovum remains alive for about -
   (A) 12 – 24 hours
   (B) 24 – 36 hours
   (C) 24 – 48 hours
   (D) 48 – 72 hours

(110) Viable period of spermatozoa within the female genital tract is -
   (A) 24 hours
   (B) 36 hours
   (C) 48 hours
   (D) 72 hours

(111) Life expectancy of spermatozoa after ejaculation in the female reproductive tract is -
   (A) 24 hours
   (B) 36 hours
   (C) 48 hours
   (D) 72 hours

(112) BMI (Body Mass Index) range 28.5 Kg/m² is indicates -
   (A) Underweight
   (B) Normal
   (C) Overweight
   (D) Obese

(113) The vitamin is essential for the health of nerves -
   (A) Vit. B₁
   (B) Vit. B₂
   (C) Vit. B₆
   (D) Vit. B₁₂

(114) Bitot’s spot is found in -
   (A) Xerophthalmia
   (B) Rickets
   (C) Osteomalacia
   (D) Typhoid

(115) For every % of rise of temperature B.M.R. increases by -
   (A) 7 %
   (B) 21 %
   (C) 14 %
   (D) 28 %

(116) Best source for vitamin K is -
   (A) Leafy vegetables
   (B) Pulses
   (C) Oil seeds
   (D) Fruits

(117) Burning feet syndrome is caused by the deficiency of -
   (A) Niacin
   (B) Vitamin B₁₂
   (C) Folic acid
   (D) Pantothenic acid

(118) Which of the following vitamin is essential for rapid wound healing -
   (A) Vit. A
   (B) Vit. C
   (C) Vit. E
   (D) Vit. D

(119) Which of the following vitamin is essential for iron absorption -
   (A) Vit. A
   (B) Vit. C
   (C) Vit. E
   (D) Vit. D

(120) Vitamin D promotes the absorption of -
   (A) Calcium
   (B) Phosphorous
   (C) Both a & b
   (D) None

(121) Recommended daily dose of retinal of an adults is -
   (A) 500 microgram
   (B) 600 microgram
   (C) 650 microgram
   (D) 750 microgram
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