1. In which of the condition C.S.F. protein level is increased and glucose decreased -
   (A) Bacterial meningitis
   (B) Viral meningitis
   (C) Tuberculous meningitis
   (D) Fungal meningitis

2. CSF is produced in the brain by Ciliated ............... in the choroid plexus.
   (A) Ependymal cells
   (B) Epithelial cells
   (C) Parenchymal cells
   (D) None of these

3. Erythroblastosis foetalis occurs in -
   (A) Rh + male & Rh - female
   (B) Rh - male & Rh + female
   (C) Both
   (D) None

4. Daily requirement of Vit. D according to Guyton and Hall Textbook of Medical Physiology –
   (A) 200 I.U.
   (B) 300 I.U.
   (C) 400 I.U.
   (D) 600 I.U.

5. Daily requirement of Zn according to Guyton and Hall Textbook of Medical Physiology -
   (A) 15 mg
   (B) 3.5 gm.
   (C) 18 mg.
   (D) 12 mg.

6. Daily energy requirement of a 70 kg person lying on bed whole day without taking any food -
   (A) 1650 calories
   (B) 1850 calories
   (C) 1700 calories
   (D) 2100 calories

7. Which of the following hormones are secreted by anterior pituitary gland except -
   (A) ADH
   (B) GH
   (C) LH
   (D) TSH

8. Glossopharyngeal nerve is a
   (A) Sensory nerve
   (B) Motor nerve
   (C) Mixed nerve
   (D) Branch of vagus nerve

9. Which blood group is most common in the world
   (A) O
   (B) A
   (C) B
   (D) AB

10. Which blood group is the universal donor of blood
    (A) O–ve
    (B) O+ve
    (C) AB–ve
    (D) AB–ve
11) The RBCs are destroyed in -
   (A) Kidney
   (B) Spleen
   (C) Liver
   (D) All of these

12) Fetal dose and Fetal period of Iodine is
   (A) 1 gm & 24 hours
   (B) 2 gm & 24 hours
   (C) ½ gm & 12 hours
   (D) 200 gm & 6 hours

13) Bile salts are formed in
   (A) Blood
   (B) Duodenum
   (C) Intestine
   (D) Liver

14) β cells of Islets of Langerhans secrets
   (A) Insulin
   (B) Glucagon
   (C) Somatostatin
   (D) All

15) Niacin deficiency leads to
   (A) Pellagra
   (B) Pernicious anemia
   (C) Polyneuritis
   (D) None of the above

16) Spermatozoa are stored in
   (A) Testis
   (B) Seminal vesicle
   (C) Epididymis
   (D) Prostate

17) Ovulation Is associated with sudden rise In
   (A) Prolactin
   (B) LH
   (C) FSH
   (D) Oxytocin

18) Acceptable range of pH of drinking water is in between
   (A) 6.5-8.5
   (B) 6.0-7.0
   (C) 7.5-8.5
   (D) None of these

19) Phrenoderma is caused by deficiency of
   (A) Essential fatty acids
   (B) Essential amino acids
   (C) Polysaccharides
   (D) Vitamin B₁₂

20) The normal platelet count in the adult is
   (A) 2.5 - 4.5 lakhs cell/cc
   (B) 1 - 2 lakhs cell/cc
   (C) 1 - 1.5 lakhs cell/cc
   (D) 4000 - 11000 cell/cc
(21) The total amount of gastrointestinal tract secretions per day -
   (A) 1200 ml
   (B) 800 ml
   (C) 2000 ml
   (D) 8000 ml

(22) The Normal respiratory rate of an adult male is
   (A) 10 -14/min
   (B) 18-25/min
   (C) 8-12/min
   (D) 25-30/min

(23) Mean arterial Pressure is
   (A) D.B.P. + pulse pressure
   (B) D.B.P. + ½ pulse pressure
   (C) S.B.P. + pulse pressure
   (D) S.B.P. + ½ pulse pressure

(24) Spot the mineral which is associated with insulin synthesis
   (A) Copper
   (B) Cobalt
   (C) Iron
   (D) Zinc

(25) Duration of one cardiac cycle when the heart rate is 75/min -
   (A) less than 0.8 sec
   (B) more then 0.8 sec
   (C) 0.8 sec
   (D) 0.7 sec

(26) Normal range of proteins in C.S.F.
   (A) 15-45 mg/100 ml
   (B) 50-75 mg/100 ml
   (C) 40-85 mg/100 ml
   (D) None

(27) Daily requirement of Vitamin K
   (A) 900 g
   (B) 10 g
   (C) 22 mg
   (D) 80 g

(28) Daily requirement of Riboflavine
   (A) 1.5 gm/day
   (B) 1.8 gm/day
   (C) 1.5 mg/day
   (D) 1.8 mg/day

(29) pH of the pancreatic juice is -
   (A) 6.8
   (B) 7.4
   (C) 8.2
   (D) 9.5

(30) The daily production of bile is
   (A) 500-1000 ml
   (B) 200-500 ml
   (C) 1000-1500 ml
   (D) 100-200 ml
(31) Average size of Eosinophils is
   (A) 9 – 15 micron
   (B) 10 – 15 micron
   (C) 12 – 15 micron
   (D) 25 – 30 micron

(32) Life span of Lymphocytes is
   (A) 120 days
   (B) 12 – 15 days
   (C) 9 – 11 days
   (D) 1 – 3 days

(33) Which one of the following plays an important role in digestion of fat
   (A) Bile salt
   (B) Amylase
   (C) Trypsinogen
   (D) Rennin

(34) Life span of Platetes is
   (A) 120 days
   (B) 12 – 15 days
   (C) 9 – 11 days
   (D) 1 – 3 days

(35) Total Volume of C.S.F. present in the man
   (A) 100 ml
   (B) 150 ml
   (C) 250 ml
   (D) 500 ml

(36) C.S.F. is secreted from
   (A) Choroid plexus
   (B) Arachnoid villi
   (C) Meissnars plexus
   (D) None

(37) The Valve in between left Atrium and left Ventricle is
   (A) Tricuspid valve
   (B) Mitral Valve
   (C) Semilunar Valve
   (D) Both A & B

(38) What is serum
   (A) Plasma with fibronogen
   (B) Plasma without fibronogen
   (C) Plasma without Lymph
   (D) Blood without fibronogen

(39) Atrophy of anterior pituitary in infants produces
   (A) Dwarfism
   (B) Gigantism
   (C) Acromegaly
   (D) Mongolism

(40) Diabetes insipidus is due to
   (A) Decreased insulin production
   (B) Increased insulin production
   (C) Decreased ADH production
   (D) Increased ADH production
(41) Richest source of vitamin c in fruits
   (A) Amalaki
   (B) Chili papper (green)
   (C) Guava
   (D) Orange

(42) Milk is complete food. But it doesn’t contain
   (A) Protein
   (B) Iron
   (C) Calcium
   (D) Vitamin A

(43) Honey contains
   (A) Lactose
   (B) Malltose
   (C) Fructose
   (D) Sucrose

(44) This mineral is essential for blood coagulation
   (A) Mg
   (B) P
   (C) Na
   (D) Ca

(45) The Richest source of vitamin A is
   (A) Egg
   (B) Milk
   (C) Cereals
   (D) Codliver oil

(46) Factor essential for Iron absorption
   (A) Vitamin A
   (B) Vitamin K
   (C) Vitamin C
   (D) Vitamin D

(47) This is also known as Calciferol
   (A) Vitamin E
   (B) Vitamin K
   (C) Vitamin C
   (D) Vitamin D

(48) The essential for fertility is
   (A) Vitamin E
   (B) Vitamin K
   (C) Vitamin C
   (D) Vitamin D

(49) Magaloblastic anemia is due to
   (A) Deficiency of Folic acid
   (B) Deficiency of Cyanocobalamin
   (C) Deficiency of Intrinsic factor
   (D) All the above

(50) Daily requirement of Vitamin C is
   (A) 20-40 mg
   (B) 40-80 mg
   (C) 100-150 mg
   (D) 100-200 mg
(51) Largest WBC is –
   (A) Monocyte
   (B) Lymphocyte
   (C) Basophills
   (D) Eosinophills

(52) Accercerin 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) 3th
   (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 Hemoglobin molecule can combine with how many molecules of Oxigen.
   (A) 4
   (B) 3
   (C) 2
   (D) 1

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

(59) 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

(60) Normal blood output/min of Brain, Liver, Kidney & Heart in a healthy person -
   (A) 1000, 1500, 1200, 200 ml
   (B) 1500, 750, 200, 1200 ml
   (C) 1200, 200, 1500, 750 ml
   (D) 200, 1200, 1500, 750 ml
(61) Longest Cranial nerve in the Body is –
   (A) Vagus
   (B) Trochlear
   (C) Trigeminal
   (D) Abducent

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

(63) Isovolumetric relaxion phase time duration in cardiac cycle is - (Ventricular diastole)
   (A) 0.4 sec.
   (B) 0.05 sec.
   (C) 0.04 sec.
   (D) 0.06 sec.

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

(65) Duration of 1st Heart sound is -
   (A) 0.9- 0.14 sec.
   (B) 0.9- 0.16 sec.
   (C) 0.10-0.14 sec
   (D) 0.10-0.12sec

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

(67) Nacl present in a composition of ORS solution according to WHO 2012 is -
   (A) 10 gm
   (B) 3.5 gm
   (C) 5 gm
   (D) 2 gm

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

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

(70) Pregnancy hormone is -
   (A) Oestrogen
   (B) Oxytocin
   (C) Progesterone
   (C) Chorionic gonadotropic hormone
(71) After Ovulation, the ovum remains alive for about -
(A) 12 – 24 hours
(B) 24 – 36 hours
(C) 24 – 48 hours
(D) 48 – 72 hours

(72) Viable period of Spermatozoa with in the female genital tract is -
(A) 24 hours
(B) 36 hours
(C) 48 hours
(D) 72 hours

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

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

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

(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) Max. absorption of taken Calcium (ca+) place in - 
   (A) Stomuch 
   (B) Duodenum 
   (C) Jejunum 
   (D) Ileum 

(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) Glosso pharyngeal 
   (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) Riboflavine

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

(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) Progestrone
   (C) Prolactin
   (D) Estrogen

(100) In which of the condision C.S.F. protein level is Markedly increased and glucose Decreased -
   (A) Bacterial meningitis
   (B) Viral meningitis
   (C) Tuberculous meningitis
   (D) Fungal meningitis
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