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Kerala PSC

**Previous Year Paper
Assistant Surgeon 2015**



81/2015

Maximum : 100 marks

Time : 1 hour and 15 minutes

A

3

[P.T.O.]

9. Among the listed abnormalities, which is not seen in Cerebellar dysfunction?

(A) Hypotonia (B) Adiadokokinesia
(C) Resting tremor (D) Drunken gait

10. All is true about Duchenne's Muscular Dystrophy, Except :

(A) It is a metabolic myopathy
(B) X-linked and usually fatal by 30 yrs of age
(C) Dystrophin protein is absent from the muscle
(D) Dystrophin replaced by Utropin can be helpful in this condition

11. Which is true about Pendred's syndrome?

(A) It is an example of non-syndromic deafness
(B) It causes deafness and goiter
(C) It is due to the mutation of K^+ channel protein
(D) It causes deafness and renal manifestation

12. The Extrinsic system of clotting mechanism is triggered by the release of :

(A) Tissue Thromboplastin (B) Factor VII
(C) Factor XII (D) Ca^{2+}

13. Section 319 of Indian Penal Code (IPC) deals with :

(A) Grievous hurt (B) Hurt
(C) Injury (D) Murder

14. The minimum age at which an individual attains criminal responsibility is :

(A) 18 years (B) 12 years
(C) 7 years (D) 5 years

15. The wound which is terminating in a body cavity is termed as :

(A) Fabricated wound (B) Penetrating wound
(C) Perforating wound (D) Punctured wound

16. The term MERMER is related to :

(A) Brain fingerprinting (B) DNA fingerprinting
(C) Narco-analysis (D) Polygraph test

17. "Side chain theory" of antibody production is proposed by :
(A) Paul Ehrlich (B) Louis Pasteur
(C) Joseph Lister (D) Frenkel

18. "Neufeld reaction" is used to demonstrate the presence of :
(A) Capsule (B) Flagella
(C) Fimbriae (D) Spore

19. Example of microaerophilic bacteria is :
(A) Streptococcus pneumonia (B) Campylobacter jejunii
(C) Citrobacter freundii (D) Edwardsiella tarda

20. Which of the following is a diploid cell line?
(A) He la (B) WI-38
(C) Mc Coy (D) BHK-21

21. CD 10 is not a marker for which of the following?
(A) Burkitt's Lymphoma (B) Lymphoblastic Lymphoma
(C) Mantle cell Lymphoma (D) Endometrial Stromal Sarcoma

22. Feathery degeneration is characteristic of :
(A) Alcoholic liver disease (B) Non-alcoholic steatohepatitis
(C) Chronic Cholestasis (D) Reye's Syndrome

23. Increased chromosomal breakage is characteristic of :
(A) Fanconi's Syndrome (B) Bloom Syndrome
(C) Dyskeratosis Congenita (D) Schwachman-Diamond Syndrome

24. Schiller-Dural bodies are seen in :
(A) Embryonal carcinoma (B) Yolk-Sac tumour
(C) Dysgerminoma (D) Immature teratoma

25. The following are prodrugs Except :
(A) Captopril (B) Enalapril
(C) Perindopril (D) Ramipril

26. Non selective β blockers are to be avoided in which of the following condition :
(A) Glaucoma (B) Hyperthyroidism
(C) Arrhythmia (D) Bronchial Asthma

36. Which of the following corneal dystrophies are primarily endothelial?

(A) Reis buckler (B) Lattice
(C) Fuch's (D) Granular

37. Ozaena is related to :

(A) Rhinosporidiosis (B) Rhinophyma
(C) Atrophic rhinitis (D) Rhinitis Medicamentosa

38. Gradenigo's syndrome is related to :

(A) Petrositis
(B) Oedema and discolouration over mastoid area
(C) Bell's palsy
(D) CSF otorrhea

39. Reinke's space is seen in :

(A) Middle Meatus (B) Larynx
(C) Periton-Sillar region (D) Middle Ear

40. Eagle's syndrome is related to :

(A) Herpes zoster (B) Facial palsy
(C) Trigeminal pain (D) Stylogalgia

41. Which of the following is not a hypersensitivity reaction to tuberculous infection?

(A) Erythema nodosum (B) Phlyctenular conjunctivitis
(C) Dactylitis (D) Pericarditis

42. What will be the blood volume in a healthy male person weighing 60 kg?

(A) 2500 ml (B) 3000 ml
(C) 3500 ml (D) 4000 ml

43. 45 yr old male comes with profuse watery diarrhoea and recurrent vomiting following food intake from a restaurant 5 hours back. What is the likely organism that is responsible for his illness?

(A) Enterotoxin producing microorganisms (B) Enteroadherent bacteria
(C) Cytotoxin producing bacteria (D) Enteroinvasive microorganism

44. Which of the following is the cause of hyperkalemic distal renal tubular acidosis?

(A) Amyloidosis (B) Hyper para thyroidism
(C) SLE (D) Addisons disease

45. A 45 yrs old man involved in a car accident and admitted in ICU following an emergency laparotomy developed irrelevant talk, altered sensorium and agitation on the third post operative day. On examination, he has disorientation and impaired recent memory along with visual hallucinations. The most probable diagnosis in this patient is :

(A) Substance induced psychosis (B) Claustrophobia
(C) Alcohol withdrawal delirium (D) Post traumatic stress disorder

46. Which of the following drugs is not used in the treatment of attention deficit hyperactivity disorder in children?

(A) Atomoxetine (B) Clonidine
(C) Methyl phenidate (D) Phenobarbitone

47. Which one of the following statement is false regarding suicide?

(A) Suicidality runs in family
(B) Those who commit suicide will never communicate suicidal ideas
(C) 10% of schizophrenics die by suicide
(D) ECT is indicated in severely depressed with suicidal risk

48. All of the following are true except :

(A) All Schizophrenics cannot make a valid will or consent
(B) Rett's syndrome is reported only in girls
(C) Antipsychotic use can cause akathisia
(D) Cyclothymia is a disorder of mood

49. Mean head to body delivery time in normal birth is :

(A) 50 seconds (B) 79 seconds
(C) 24 seconds (D) 42 seconds

50. Karyotype in partial mole :

(A) 46 xxy (B) 69 xx
(C) 69 xxy (D) 46 xy

51. Heparin belongs to FDA category :

(A) A (B) B
(C) C (D) D

52. Spinnelli's operation is done in :

(A) Traumatic PPH (B) Chronic Puerperal Inversion
(C) Placenta Accrete (D) Atonic PPH

53. Molluscum contagiosum is caused by :

(A) Pox virus	(B) Herpes virus
(C) Human papilloma virus	(D) Adeno virus

54. Ecthyma gangrenosum is the cutaneous manifestation of septicaemia due to :

(A) Pseudomonas aeruginosa	(B) Staphylococcus aureus
(C) Tryponema pallidum	(D) Haemophilus ducreyi

55. Dimple sign is seen in :

(A) Psoriasis	(B) Lichen planus
(C) Dermatofibroma	(D) Lupus vulgaris

56. Koebner phenomenon is seen in all of these diseases except :

(A) Psoriasis	(B) Lichen nitidus
(C) Vitiligo	(D) Neurofibroma

57. Sistrunk's operation is done for :

(A) Benign parotid tumor	(B) Branchial cyst
(C) Thyroglossal fistula	(D) Fistula-in-ano

58. About Pheochromocytoma all the following statements are true except :

(A) It is found in about 2% of patients with hypertension	
(B) It may be associated with MEN2a syndrome	
(C) Most Pheochromocytomas occur sporadically	
(D) Cytologic findings cannot be used to differentiate benign from malignant pheochromocytoma	

59. The Thyroiditis which mimic carcinoma thyroid is :

(A) Acute suppurative thyroiditis	(B) Subacute thyroiditis
(C) Hashimoto's thyroiditis	(D) Riedel's thyroiditis

60. Which of the following statements regarding gastric ulcer is incorrect?

(A) Type I ulcers are the most common variety and 95% are seen on the lesser curve	
(B) Type II ulcers are also known as, prepyloric ulcers	
(C) Risk of malignant change is very high in type II gastric ulcers	
(D) Type III ulcers occur in the antral region	

68. A 26 year old young man presented to your rehab unit 3 weeks after traumatic brain injury, he had 2 episodes of seizures following the trauma, he was on tracheostomy, Foleys catheter and Ryles tube. He has generalized response to pain and occasional eye opening only, his MRI brain revealed features of Diffuse Axonal injury and resolving SAH. What would be the most appropriate rehab measures for this young man, in addition to general supportive care, basic ROM exercises and tilting?

(A) Glasgow outcome scale, Phenobarbitone and body unweighted treadmill training
(B) Glasgow outcome scale, Carbamazepine and sensorymotor stimulation
(C) Ranchos los Amigos scale, Carbamazepine and body unweighted treadmill training
(D) Ranchos los Amigos scale, Clonazepam and sensory motor stimulation

69. 'World cancer day' is on :

(A) 7th April (B) 4th February
(C) 31st May (D) 1st December

70. Which of the following malignancy is mostly associated with Human Papilloma virus and can be prevented by vaccine?

(A) carcinoma thyroid (B) carcinoma breast
(C) carcinoma lung (D) carcinoma cervix

71. All of the following statements are correct regarding the mechanism of radiation cell kill, except :

(A) Radiation causes breaks in the DNA
(B) Radiation generates free radicals from cell water that may damage cell organelles
(C) Sulphydryl compounds produced by radiation augment cell damage
(D) Augmentation of oxygen is the basis for radiation sensitization

72. Radionuclide used to treat thyroid cancer is :

(A) Iodine 131 (B) Strontium 89
(C) Samarium 153 (D) Iridium 192

73. All of the following are devices for oxygen therapy except :

(A) Nasal prongs (B) Nasopharyngeal airway
(C) Face mask (D) Venturi mask

74. Spot the incorrect one regarding latest recommendations in CPCR :

(A) The initial sequence of events has changed from Airway – Breathing – Circulation to Circulation-Airway-Breathing
(B) Chest compression rate should be atleast 100/minute
(C) The compression depth should be upto 2 inches
(D) Look listen and feel is no longer recommended

83. Which among the River mentioned by Kautilya's Arthashastra as one of the places in India where pearls could be found?

(A) Periyar (B) Bharathapuzha
(C) Pumba (D) Kaveri

84. The first Native historian who grasped the importance of the social aspects of Kerala history was :

(A) P. N. Kunjan Pillai (B) L. A. Krishna Iyer
(C) S. Parameswara Iyer (D) K. P. Padmanabha Menon

85. The Reform Movement "Yogakshema Sabha" among the Namboodiris organised in the year :

(A) 1907 (B) 1908
(C) 1909 (D) 1910

86. Which Text of Chattampi Swami gave much importance to non violence?

(A) Vedadhikara Nirupana (B) Advaitha Chindapaddhathi
(C) Jivakarunya Nirupana (D) Mokshapradeepa khandana

87. Who presided over the meeting, on the occasion of the formation of 'Samastha Kochi Pulaya Maha Sabha' in 1913?

(A) K. K. Madhavan (B) Ayyankali
(C) K. K. Kannan (D) T. K. Krishna Menon

88. Who among the following wrote the Text "Udhyana Virunnu"?

(A) Pandit Karuppan (B) Dr. Velukutty Arayan
(C) Kuzhithara Kumaran (D) K. P. Narayana Das

89. A Social Reformer, who at first time installed a mirror for worshipping in South India was :

(A) Sree Narayana Guru (B) Ayya Vaikundar
(C) A. Ayyappan (D) Kumara Guru

90. Who among the Social reformer, later known as Brahmananda Siva Yogi?

(A) Karatt Govinda Menon (B) Karatt Achutha Menon
(C) Chenkalath Kunhirama Menon (D) T. Rama Panikkar

91. 'The Indian Civil Services' were brought into existence by :

(A) Lord Rippon (B) Lord Nippon
(C) Lord Cornwallies (D) Lord Wellesley

