

090/2023

Maximum : 100 marks

Time : 1 hour and 30 minutes

1. Which of the following is a derivative of second pharyngeal pouch?
(A) Thymus (B) Palatine tonsil
(C) Superior parathyroid (D) Inferior parathyroid

2. Which dermatome overlies at the level of umbilicus?
(A) T₁₀ (B) T₁₂
(C) L₁ (D) L₂

3. Type I collagen fibres are present in :
(A) Hyaline cartilage (B) Elastic cartilage
(C) Fibro cartilage (D) Reticular fibres

4. Which of the following is not an effect of Insulin deficiency?
(A) Increased triglyceride formation in liver
(B) Activation of hormone sensitive lipase
(C) Increase in plasma cholesterol
(D) Increase in plasma phospholipid concentration

5. Action of activated protein C is to:
(A) Activate Factor VIII
(B) Inactive Factor V
(C) Activate inhibitor of tissue plasminogen activator
(D) Decrease formation of plasmin

6. Rise in plasma K⁺ levels is not associated with :
(A) Ventricular tachycardia (B) Tall T waves in ECG
(C) Altered repolarization (D) Prolonged PR interval in ECG

7. Which of the following is not true of advanced glycation end products?
- (A) Involved in Macrovascular damage in diabetes mellitus
 - (B) Formed by Maillard reaction
 - (C) Increase cross linking of collagen
 - (D) Involve enzyme catalysed attachment of glucose to DNA and Proteins
8. CA 19-9 is a tumour biomarker for :
- (A) Ovary
 - (B) Prostate
 - (C) Pancreas
 - (D) Thyroid
9. Which of the following medicine belongs to Tautopathic source?
- (A) Adrenalinum 30
 - (B) Electricitus 30
 - (C) Streptomycin 30
 - (D) Colostrum 30
10. Consider the following statements:
Placebo can NOT be given in the following condition/s
- (i) When patient is improving
 - (ii) When patient comes with over drugging of allopathic medicines
 - (iii) When patient is Hypochondriac
 - (iv) When patient comes with medicinal aggravation
- Which of statement/s given above is/are correct?
- (A) (i) and (iii)
 - (B) (i), (ii) and (iii)
 - (C) Only (iv)
 - (D) All (i), (ii), (iii) and (iv)
11. Higher potencies are best adopted to:
- (A) Intelligent, intellectual persons, quick to act and react
 - (B) Oversensitive patients
 - (C) Idiosyncratic patients
 - (D) Coarse fibered, sluggish, individuals of gross habits

12. With respect to the LM potency (50 millesimal potency), which among the following statement(s) is/are wrong?
- (i) LM potency cures chronic disease in short time as compared to centesimal scale
 - (ii) With LM potency, Homoeopathic aggravation comes at the end of the treatment
 - (iii) Deep acting medicines can be repeated frequency when using LM potency.
 - (iv) The name "50 millesimal" was given by Dr. Hahnemann.
- (A) Statement (ii) is wrong
 - (B) Statement (ii) and (iii) are wrong
 - (C) Statement (i), (ii) and (iii) are wrong
 - (D) Statement (iv) is wrong
13. Direction to the dispenser regarding the mode of preparation of dosage form is included in :
- (A) Superscription
 - (B) Subscription
 - (C) Inscription
 - (D) Signature
14. Testing the drugs like Verat-viridi, Cannabis indica, cannabis sativa, Nosodes and Sarcodes on living animals is included in :
- (A) Biological evaluation
 - (B) Physical evaluation
 - (C) Organoleptic evaluation
 - (D) Chemical evaluation
15. Ratio taken between Q: Vehicle to prepare 1st potency in Decimal scale from Belladonna mother tincture which is prepared according to class I method :
- (A) 1 : 9
 - (B) 2 : 9
 - (C) 2 : 8
 - (D) 1 : 99
16. The Drug and Magic Remedy Act (21 of 1954) and Rules (1955) basically prohibits :
- (A) Selling of drugs containing alcohol, opium, Indian hemp etc
 - (B) Any change in the whole sale and retail price of the drug
 - (C) Advertisements pertaining to drugs and magical cures
 - (D) None of the above
17. Simple Syrup (Syrup Simplex) is used as Vehicle to dispense :
- (A) Potencies
 - (B) Mother tincture
 - (C) Mother substance
 - (D) None of the above

18. Drug proving which neither Master prover nor the provers know whether a specific medicine or placebo is tested are termed :

- (A) Controlled trials (B) Randomised trials
(C) Crossover studies (D) Double blind trials

19. Match the following :

Medicines	Common name
(i) Helleborus	(1) Blue Cohosh
(ii) Caulophyllum	(2) Mineral spring water
(iii) Sanicula	(3) Black Cohosh
(iv) Actea Racemosa	(4) Christmas Rose

- (A) i-(4), ii-(1), iii-(2), iv-(3) (B) i-(3), ii-(1), iii-(4),iv-(2)
(C) i-(2),ii-(3),iii-(4),iv-(1) (D) i-(2),ii-(4),iii-(1),iv-(3)

20. Atrophy of muscles from spinal sclerosis-indicated medicine is :

- (A) Conium mac (B) Plumbum met
(C) Iodium (D) Natrum mur

21. Childish behavior found in :

- (i) Baryta carb
(ii) CicutaVir
(iii) Calc carb
(iv) Gelsemium
- (A) (i) and (iii) (B) (ii) and (iii)
(C) (ii) and (iv) (D) (i) and (ii)

22. Carphologia is found in :

- (A) Cicuta Virosa (B) Crocus sativa
(C) Hyoscyamus Niger (D) Calcareo Carbonica

23. Match the pair :

Ailments from abuse of tobacco		Medicines	
(i) Tobacco toothache		(1) Lyco	
(ii) Impotence, spasm, cold sweat		(2) Clematis erecta	
(iii) Palpitation, tobacco heart, sexual weakness		(3) Sepia	
(iv) Neuralgic affection		(4) Phos	
(A) i-(2), ii-(4), iii-(1), iv-(3)		(B) i-(4), ii-(2), iii-(3), iv-(1)	
(C) i-(3), ii-(4), iii-(1), iv-(2)		(D) i-(2), ii-(1), iii-(4), iv-(3)	

24. "Total loss appetite in the morning, but a great craving for food at noon and night". The indicated medicine is :

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|----------------------|-----------------------|
| (A) Abies nig | (B) Tarentula cub |
| (C) Both (A) and (B) | (D) None of the above |

25. Which medicine 'often cures lasciviousness when Hyoscyamus fails'?

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|----------------|------------------|
| (A) Stramonium | (B) Agnus castus |
| (C) Phosphorus | (D) Veretrum alb |

26. "When Psor, Sulph, or the best selected remedy fails to relief or permanently improve; follows Psor as a constitutional remedy in hay fever, asthma"-the indicated medicine is:

- | | |
|---------------|------------------|
| (A) Kali carb | (B) Hepersulph |
| (C) Silicea | (D) Tuberculinum |

27. Match the pair :

Medicines		Vegetable analogue	
(i) Plumbum met	(1) Mezerium		
(ii) Phosphorus	(2) Podophyllum		
(iii) Mercurius	(3) Ipecac		
(iv) Cup met	(4) Allium cepa		
(A) i-(2), ii-(4), iii-(1), iv-(3)		(B) i-(2), ii-(3), iii-(1), iv-(4)	
(C) i-(3), ii-(4), iii-(2), iv-(1)		(D) i-(4), ii-(3), iii-(2), iv-(1)	

28. Which medicine can be thought of after overaction, from repeated doses of Belladonna in whooping cough?
- (A) Calc carb (B) Spongia
(C) Stramonium (D) Drosera
29. "Thirst-little and often" is present in the following medicines except :
- (A) Sanicula (B) Lyco
(C) Ars (D) Chin
30. One of the following bowel nosodes has < 4 – 8 pm:
- (A) Proteus (B) Dys. Co
(C) Morgan Gaertner (D) Sycotic co
31. Child vomits curdled milk in large lumps. The indicated medicines are :
- (A) Aethuja & Mag carb (B) Calc carb & Ipecac
(C) Valeriana off & Calc carb (D) Aethuja & Valeriana off
32. Which medicine 'often replaces the use of the catheter'?
- (A) Thlaspi bursa (B) Sarsaparilla
(C) Mag phos (D) Thuja
33. Which medicines can be thought of when a patient 'imagines, on waking at night, that pieces of furniture are people and that he hears footsteps in the next room'?
- (A) Petroleum (B) Natrum phos
(C) Thuja (D) Stramonium
34. Who is the father of medicine?
- (A) Galen (B) Sydenham
(C) Hippocrates (D) Susruta
35. From where did Hahnemann receive his M.D. degree :
- (A) Kothen (B) Meissen
(C) Saxony (D) Erlangen

36. A patient came with fall of hair from circular spots in head. The miasmatic background of this symptom is :
- (A) Psora (B) Syphilis
(C) Sycosis (D) Acute miasm
37. How many drugs were proved by Hahnemann?
- (A) 110 (B) 100
(C) 99 (D) 98
38. What is to be done is second prescription when patient improves after first prescription?
- (A) Repeat the same medicine (B) New medicine is given
(C) Cognate is given (D) Placebo is given
39. How a physician notices the deviations from the former healthy state of the now diseased individual?
- (A) Deviations felt by the patient himself
(B) Remarked by those around him
(C) Observed by the physician
(D) All of the above
40. The concept of vital principle appeared in which edition organon of Medicine?
- (A) Fifth edition (B) Fourth edition
(C) Sixth edition (D) Third edition
41. What is to be done when Schein- symptoms start to appear?
- (A) Dose must be reduced and repeated at longer intervals
(B) Medicine is to be stopped
(C) None of (A) or (B)
(D) Any one of (A) or (B)

42. State which of the following statements are true or false about auxiliary mental regimen:
- (i) To furious mania must oppose calm intrepidity and cool and firm resolution
 - (ii) To doleful, querulous lamentation a mute display of commiseration in looks and gestures
 - (iii) To senseless chattering total inattention
 - (iv) To disgusting conduct a silence not wholly inattentive
- The correct statements are
- (A) Only (i, ii, iii and iv)
 - (B) Only (i, ii and iii)
 - (C) Only (ii, iii and iv)
 - (D) Only (i and ii)
43. A patient was suffering from fever but he did not have any thirst. This absence of thirst is called:
- (A) Physical symptom
 - (B) Negative general symptom
 - (C) Particular symptom
 - (D) None of the above
44. A chilly patient was suffering from dyspepsia with burning palm and sole. Dyspepsia increased after eating. Could not eat cold, liked to eat hot food, fried food and sweet food. There was painless diarrhea from sunrise to sunset. Which is the dominating miasm of the case?
- (A) Psora
 - (B) Syphilis
 - (C) Sycosis
 - (D) Acute miasm
45. Homoeopathic medicine cures by :
- (A) Primary action
 - (B) Secondary action
 - (C) Secondary counter action
 - (D) None of the above
46. If insanity or mania break out as an acute disease in patient's ordinary calm state. It is to be treated with :
- (A) Antipsoric
 - (B) Non-antipsorics
 - (C) Anti-psoric followed by non-antipsoric
 - (D) Non-antipsoric followed by antipsorics

47. Psoric intermittent fever is to be subdued by minute and rarely repeated high potency doses of :
- (A) Cinchona (B) Sulphur
(C) Hepar Sulphuris (D) Sulphur or Hepar Sulphuris
48. The most appropriate regimen during treatment of chronic disease needs :
- (A) Innocent moral and intellectual recreation
(B) Active exercise in the open air
(C) Nutritious, unmedicinal food and drink
(D) All of the above
49. Which of the following HLA typing gives high resolution matching?
- (A) Microcytotoxicity
(B) Mixed Lymphocyte reaction
(C) PCR-RFLP (Restriction fragment length polymorphism)
(D) PCR-DNA sequencing
50. Endotoxin acts by ————— complement pathway.
- (A) Classical (B) Lectin
(C) Alternative (D) None of the above
51. The most commonly used sterilisation condition of Autoclave is :
- (A) 121°C for 15 minutes at 15 lbs pressure
(B) 160° C for 30 minutes at 15 lbs pressure
(C) 134°C for 5 minutes at 15 lbs pressure
(D) 100°C for 15 minutes at 15 lbs pressure
52. A 20 year old man presented with haemorrhagic colitis. The stool sample grew Escherichia coli in pure culture. The following serotype of E.coli is likely to be the causative agent :
- (A) 0157:H7 (B) 0159:H9
(C) 0107:H7 (D) 055:H7

53. Sclerotic bodies are seen in:
- (A) Dermatophytosis (B) Chromoblastomycosis
(C) Candidiasis (D) Mucor mycosis
54. The host cell receptor for SARS-CoV2 is :
- (A) Angiotensin Converting enzyme -2 receptor
(B) CD4 receptor
(C) Haemagglutinin receptor
(D) Neuraminidase receptor
55. Neurocysticercosis is caused by the larval stage of :
- (A) Taenia saginata (B) Taenia solium
(C) Hymenolepis nana (D) Echinococcus granulomatis
56. Issuing or signing false certificate is defined under :
- (A) Sec. 179 IPC (B) Sec. 194 IPC
(C) Sec. 197 IPC (D) Sec. 201 IPC
57. POCSO Act 2012 defines a child is any person below the age of :
- (A) 12 years (B) 16 years
(C) 18 years (D) 21 years
58. Intermediate syndrome is seen in poisoning with :
- (A) Methyl alcohol (B) Organophosphorus compounds
(C) Aconite (D) Digitalis
59. Which one of the following is a contraindication for circumcision?
- (A) Epispadias (B) Hypospadias
(C) Paraphimosis (D) Balanoposthitis

60. In carcinoma breast the monoclonal antibody which is directed against the HER2neu Receptor is :
- (A) Bevacizumab (B) Cetuximab
(C) Rituximab (D) Trastuzumab
61. Double bubble sign is seen in :
- (A) Esophageal atresia (B) Gastric atresia
(C) Duodenal atresia (D) Jejunal atresia
62. All of the following statements are true regarding Gangrene EXCEPT :
- (A) Gangrene refers to microscopic death of tissue with superadded putrefaction
(B) The tissue turns black due to iron sulphide formation
(C) There is usually a line of demarcation in dry gangrene
(D) It usually affects the most distal part of the limb
63. Snowstorm appearance in ultrasound is characteristic of :
- (A) Ectopic pregnancy (B) Vesicular mole
(C) Missed abortion (D) Blighted ovum
64. During pregnancy there is increase in plasma volume by :
- (A) 10-20% (B) 20-30%
(C) 30-40% (D) 40-50%
65. Which of the following is an indication for outlet forcep's delivery:
- (A) Gestational diabetes mellitus
(B) Heart disease complicating pregnancy
(C) Gestational hypertension
(D) Brow presentation
66. The best estimate of the gestational age of the foetus is given by measurement of:
- (A) Gestational sac (B) Crown rump length
(C) Femur length (D) Biparietal diameter

67. Pervaginal examination should not be done in a primigravida with mobile head at term before ultrasound to rule out :
- (A) Polyhydramnios (B) Abruptio placenta
(C) Placenta previa (D) Oligohydramnios
68. Clinical features of Diabetic Ketoacidosis are all except :
- (A) Weight loss (B) Leg cramps
(C) Oliguria (D) Weakness
69. Major Risk factor for suicide is :
- (A) Psychiatric illness (B) Unemployment
(C) Depression (D) Older age
70. Pan systolic murmur is seen in all except :
- (A) Mitral regurgitation (B) Mitral stenosis
(C) Tricuspid regurgitation (D) VSD
71. The oral dose of daily folic acid in a case of megaloblastic anaemia must be :
- (A) 3-15 mg (B) 5-15 mg
(C) 5-20 mg (D) 10-20 mg
72. Match the site of lesion in kidney with the cause in a case of acute kidney injury :
- (i) Large vessels (1) Malignant hypertension
(ii) Small vessels (2) Toxic acute tubular necrosis
(iii) Tubules (3) Renal vein thrombosis
(iv) Interstitium (4) Severe pyelonephritis
- (A) i-(3), ii-(1), iii-(2), iv-(4) (B) i-(4), ii-(3), iii-(2), iv-(1)
(C) i-(2), ii-(3), iii-(4), iv-(1) (D) i-(4), ii-(2), iii-(3), iv-(1)

73. The thickened folds noted on endoscopy capped by small nodules that contain a central depression or erosion in chronic gastritis is known as :
- (A) Lymphocytic gastritis (B) Varioliform gastritis
(C) Eosinophilic gastritis (D) Russel body gastritis
74. All are not motor features of Parkinson's disease, except :
- (A) Ataxia (B) Dysphagia
(C) Ptosis (D) Hypotonia
75. Hypercalcemia with low parathyroid hormone is seen in all except :
- (A) Malignancy (B) Thyrotoxicosis
(C) Milk alkali syndrome (D) Tertiary hyperparathyroidism
76. All are autosomal causes of coagulopathy, except :
- (A) Von Willebrand disease (B) Hypofibrinogenemia
(C) Dysfibrinogenemia (D) Haemophilia B
77. Nephrocalcinosis is a complication of all condition except :
- (A) High sodium excretion (B) Poly cystic kidney
(C) Medullary sponge kidneys (D) Renal tubular acidosis
78. Physical Quality of Life Index (PQLI) include all except :
- (A) Infant mortality (B) Life expectancy at age 1
(C) Per capita income (D) Literacy
79. Which committee gave the concept of primary health centre as a basic health unit to provide comprehensive health care to rural people?
- (A) Mudaliar Committee (B) Bhore Committee
(C) Karthar Singh Committee (D) Srivasthava Committee
80. Open vial policy is applicable to all vaccines except :
- (A) DPT (B) Hepatitis B
(C) Oral Polio Vaccine (OPV) (D) Measles/MR

- 81.** Which of the following statement is/are correct about Malaria?
- (i) Man is the definitive host
 - (ii) Form of parasite infective to mosquito is Gametocytes
 - (iii) Annual blood examination rate is a measure of malaria incidence
- (A) Only (i)
 - (B) Only (ii)
 - (C) Only (i) and (iii)
 - (D) Only (ii) and (iii)
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- 82.** Bagassosis is an occupational disease caused by inhalation of which dust?
- (A) Sugarcane dust
 - (B) Cotton dust
 - (C) Silica
 - (D) Charcol
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- 83.** Which of the following statement is/are correct about hospital waste management?
- (i) Human anatomical waste should be segregated into yellow coloured plastic bag
 - (ii) Expired or discarded medicines should be segregated in red coloured plastic bag
 - (iii) Recyclable waste should be segregated in red coloured bags
 - (iv) Waste sharps should be segregated in blue coloured boxes
- (A) Only (i) and (ii)
 - (B) Only (ii) and (iv)
 - (C) Only (i) and (iii)
 - (D) Only (iii) and (iv)
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- 84.** Type of research study that can be done to assess the burden of disease in a community:
- (A) Case control
 - (B) Cohort
 - (C) Experimental
 - (D) Cross sectional
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- 85.** Which of the following statement is/are correct regarding Vit A prophylaxis programme?
- (i) One lakh international unit (IU) of Vit A is administered to children aged 6 months to one year
 - (ii) Two lakhs IU of Vit A is administered to children aged 1-6 years
 - (iii) A it is a secondary level of prevention
- (A) Only (i) and (ii)
 - (B) Only (i) and (iii)
 - (C) Only (ii) and (iii)
 - (D) All of the above (i), (ii) and (iii)

86. The word Repertory is not related with :
- (A) Table (B) Index
(C) Paragraph (D) Dictionary
87. The second part of *Fragmenta DeViribus* by Hahnemann contains index of symptoms of following numbers of medicines :
- (A) 26 (B) 27
(C) 37 (D) 28
88. In this section of BTPB, the rubric Children Especially Remedies for is present :
- (A) Sensations (B) Fever
(C) Aggravations (D) None of the above
89. The Rubric Hot breath will be found in this chapter of Kent's Repertory :
- (A) Respiration (B) Mouth
(C) Fever (D) Sleep
90. All are alphabetical repertories – except :
- (A) A Concise Repertory by S.R. Phatak
(B) Homoeopathic Medical Repertory by Robin Murphy
(C) Analytical Repertory of Symptoms of Mind by C.Hering
(D) Alphabetical Repertory by Srivastave and Chandra
91. Find the odd one out from these mind rubrics of Kent's Repertory :
- (A) Deserted (B) Isolation, sensation of
(C) Abandoned (D) Forsaken feeling
92. Author of the Clinical Repertory Leucorrhoea and its concomitant symptoms :
- (A) O.M. Drake (B) P.F. Curie
(C) A.M. Cushing (D) W.J. Guernsey

93. Child grasp the nurse when carried will be found in this chapter of Kent's Repertory :
- (A) Vertigo (B) Mind
(C) Extremities (D) Generalities
94. All are Translators of JAHR's Repertory – except :
- (A) F.K.G. Snelling (B) C.J. Hempel
(C) A.G. Hull (D) W.A. Allen
95. Evaluation of drugs on the Card Repertory was first introduced by :
- (A) W.W. Young (B) R.H. Farley
(C) F.E. Gladwin (D) M. Jamenez
96. "Every repertory is useful; unfortunately not one is complete" - remarked by :
- (A) J.T. Kent (B) C.M. Boger
(C) J.H. Clarke (D) Dunham
97. A patient cannot tolerate moonlight as it increases her sufferings – will be found in BTPB in this section :
- (A) Sensations (B) Mind and intellect
(C) Aggravations (D) None of the above
98. The other remedies in the last section of BTPB bears :
- (A) The general relationship of remedies to the remedy heading this particular section
(B) It covers the relationship of these remedies in the unclassified symptom groups to the remedy under consideration
(C) All of the above
(D) None of the above
99. Abducted lies with limbs found in this chapter of Kent's Repertory :
- (A) Sleep (B) Back
(C) Generalities (D) Extremities
100. Find the odd one out in the following "Pathological Generals" of BBCR :
- (A) Chlorosis (B) Uric acid Diathesis
(C) Dropsy (D) Uraemia

SPACE FOR ROUGH WORK

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