EXERCISE-I

General

1. Who discovered vaccine against small pox-
   (1) Flemming (2) Pasteur
   (3) Koch (4) Jenner

2. Head quarter of World Health Organisation (WHO)-
   (1) New York (2) Geneva
   (3) London (4) Paris

3. In alchoholics liver gets damaged as it-
   (1) Accumulates excess of fats
   (2) Stores excess ofglycogen
   (3) Secretes more bile
   (4) Has to detoxify alchohol

4. Opium is got from-
   (1) Leaves (2) Fruits
   (3) Flavers (4) Roots

5. Penicillin was discovered by –
   (1)Flemming (2) Waksman
   (3) Burkholder (4) Dubois

6. Health is:-
   (1) Wealth
   (2) Absence of disease or infirmity
   (3) Weight of body according to hight
   (4) State of complete physical mental and social well being

7. Which is a bacteriostatic drug:-
   (1) Pencillin (2) Tetracyclin
   (3) Streptomycin (4) Ciprofloxacin

8. Epidemiology is more helpful in:-
   (1) Non- Cumunicable disease
   (2) Cumunicable disease
   (3) Selective mating population
   (4) Random mating population

9. Which is a analgesic drug:-
   (1) Chloromphenicol
   (2) Alprazolam
   (3) Codeine & Morphine
   (4) Paracetamol

10. Anthistamine drug is effective in:-
    (1) Bacterial infection (2) Viral infection
    (3) Paraplagia (4) Allergy

11. Protein uria is:-
    (1) Protein in blood (2) protein in urine
    (3) Both (4) None

12. Angology is :-
    (1) Study of Anxiety (2) Study of blood vessels
    (3) Study of blood (4) Study of X-ray

13. Who is called the father of Surgery:-
    (1) Hippocrates (2) Susruta
    (3) Charaka (4) Robert koch

14. Allograft is:-
    (1) Grafting in between the indivisual of different species
    (2) Grafting in between the indivisulas of same species
    (3) Heterograft
    (4) Isograft

15. Agents is used to kill microbes on living surfaces are called:-
    (1) Disinfectant (2) Tranquilizers
    (3) Antiseptic (4) (1) & (3) are correct

16. During deficiency of folic acid the number of leucocytes fall considerable and then the disease or condition is called:-
    (1) Leukaemia (2) Leucopenia
    (3) Polychythemia (4) Tay-sac disease

17. Presence of R.B.C. is urine is known as:-
    (1) Hematuria (2) Urolethiasis
    (3) Nephritis (4) Protein uria

18. Penicillin is bacteriolytic because:-
(1) It checks spindle formation
(2) It destroys chromatin
(3) It inhibit cell wall formation
(4) It inhibit proteins systhesis

19. The pain killer aspirin is also related with:-
(1) Antipyretic (2) Antiallergic
(3) Anticoagulant (4) All above

20. Antiviral substances produced by many vertebrates in response to viral infection for resisting the multiplication of virus is known as:-
(1) Virion (2) Interferon
(3) Antivirin (4) Antigen

21. An excessive elargement of a disease organ due to an increases in the number of cells in called:-
(1) Athrophy (2) Hyperplasia
(3) Necrosis (4) Angina

22. Vishuchika in Ayurveda is called:-
(1) Plague (2) Small pox
(3) AIDS (4) Cholera

23. Mamography is:-
(1) C.T. scan of breast.
(2) Study of breast Cancer.
(3) X-ray of breast.
(4) Breast feeding.

24. Now a days Cornea transplant is very popular. The reason is that:-
(1) Is easy to preserve.
(2) Is transplants very easiliy.
(3) It can be easily obtained.
(4) Cornea is avasculer.

Immunity

25. Surgical removal of thymus of a new born shall result in failure to produce-
(1) Monocytes (2) B-lymphocytes
(3) T-lymphocytes (4) Basophils

26. Immune deficiency syndrome could develop due to –
(1) Enteric fever (2) Defective thymus
(3) AIDS virus (4) Defective bone

27. First line of defence of body is:-
(1) Skin and Mucous membrane
(2) Neutrophils and monocytes
(3) Fever
(4) Interferon

28. Antigen is :-
(1) Substances which stimulates the production of venom
(2) Vaccine
(3) Antibody production stimulating agent
(4) Part of the body defense system

29. Substances that regulate or cordinate other cells are called:-
(1) Interferon (2) Interleukin
(3) Phogocytic chemical (4) Enzyme

30. Which is correct sequence of events of inflammation or phogocytosis:-
(1) Vasodilation → Diapedesis → Adhesion → Chemotaxis → Phogocytosis
(2) Vasodilation→Adhesion → Emigration→ Chemotaxis→ Phogocytosis
(3) Adhesion → Vasodialation → Diapedesis → Chmotaxis→ Phagocytosis
(4) Vasodialtin → Adhesion → Chemotaxis → Diapedesis → Phogocytosis

31. Immune system retain the memory of which response in vaccination process:-
(1) Passive immunization response
(2) Primary immune response
(3) Secondary immune response
(4) All the above

32. D.P.T. vaccine in a example of :-
(1) Passive immunity (2) Active immunity
(3) Both (4) Interferon

33. Cell mediated immunity is provided by:-
(1) B-lymphocytes
(2) Plasma cells
(3) C-lymphocytes
(4) Thymus cells or thymocytes

34. Which is a primary lymphoid orgon:-
(1) Bone marrow and spleen
(2) Spleen and thymus
(3) Bone- marrow and tonsils
(4) Thymus gland and bone marrow

35. Clonal selection is:-
(1) Change in gene frequency
(2) Proliferation of T and B-cell
(3) Formation of dolly sheep
(4) Allergy

36. Number of polypeptide chain present in a molecule of antibody:-
(1) 2 (2) 4 (3) 6
(4) 8

37. Which is a circulating antibodies or protect the body fluid:-
(1) IgD (2) IgZ (3) IgG
(4) IgA

38. Which of the following group can be considered immune disorder:-
(1) A.I.D.S. and cholera
(2) S.C.I.D. and diphtheria
(3) S.C.I.D. and A.I.D.S.
(4) Hepatitis and lenkemia

39. Nobel prize for passive immunity was awarded to:-
(1) Edward jenner (2) Von Behring
(3) Wakmen (4) A. Fleming

40. Which antibody is called secretary antibodies:-
(1) IgE (2) IgA (3) IgG (4) IgM

41. At the time of birth presence of which antibody indicates the infection of foetus (intrauterine infection):-
(1) IgG (2) IgD (3) IgM (4) IgA

42. Vaccination is a part of:-
(1) Treatment of disease (2) Etiology
(3) Cow (4) Prophylaxis

43. Vaccine is:-
(1) Live oral pathogen
(2) Inactivated antigen
(3) Inactivated pathogen
(4) Complete pathogen

44. Which is a severe allergic reaction:-
(1) Hay fever (2) Asthma
(3) Anaphylactic shock (4) A.I.D.S.

45. Autoimmunity against the synovial membrane at joint is called:-
(1) Multiple sclerosts
(2) I.D.D.M.
(3) Hashimoto disease
(4) Rhumatoid arthirits

46. Cause of immunodefirciency is:-
(1) Mutation
(2) Nutritional deficieny
(3) Infection of HTLV-III
(4) All

47. Immunisation is based on :-
(1) Memory of indivisuals
(2) Pathogenic power
(3) Phagocytosis
(4) Memory of immune system

48. Second generation vaccine is:-
(1) Small pox vaccine (2) D.P.T. vaccine
(3) Hepatitis- B vaccine (4) Polio vaccine

49. Clostrum, the first milk secretion of mammary gland is rich in imunoglobin
(1) IgE (2) IgM (3) IgA (4) IgG

50. Cyto toxic cells are
(1) T-Cells (2) B-Cells
(3) Memory Cells (4) Mast cells

51. Which is a air Born disease
(1) A.I.D.S. (2) Asthma
(3) Jacob syndrome (4) Thalassemia

52. Interferon is:-
(1) Kill the virus in virus infected cell
(2) Kill the virus and destroy cancerous cell
(3) Stiulates the T.I.P. (Translation Inhibiting protein)
(4) None of the above

Congenital Diseases

53. Congenital diseases are -
(1) Diseases present at birth
(2) Deficiency diseases
(3) Spread from one individual to anoher
(4) Occur during life

54. Genes involved in cancer are-
(1) Cancer genes (2) Oncogenes
(3) Tumour genes (4) Regulator genes

55. Number of Barr body present in a female child with down syndrome:-
(1) 0 (2) 1
(3) 2 (4) All are correct

56. Which is a autosomal chromosomal mutational disorder:-
(1) Huntington chorea
(2) Cri-du-chat
(3) Thalassemia
(4) Jacob syndrome or super male

57. Most common cause of mental retardation (Congenital) in male children is :-
(1) Jacob syndrome of super males
(2) Down syndrome
(3) Pataus syndrome
(4) Phenyl keton uria

58. Which disorder is due to gene incomepatibility:-
(1) Erythroblastasis foetalis
(2) Jaundice
(3) Hemolytic disease of new born
(4) All

59. Which disorder is due to 4^{th} chromosomal abnormality:-
(1) Huntington chorea
(2) Cri-du-chat or Cat-cry syndrome
(3) Tay-Sac disease
(4) Achondroplasia

60. Thalassemia is due to:-
(1) Increased consumption of sea food
(2) Decreased synthesis of – polypeptide chainof Hemoglobin
(3) Decreased production of R.B.C. that cause anemia
(4) All the above

61. Individuals with a karyotype of 45 chromosome 44 autosome and one sex chromosome have been found to suffering from the abnormality called female dysgenesis or
(1) Down syndrome
(2) Turner syndrome
(3) Klinefelter's syndrome
(4) Testculer feminsation

62. A person has long legs, female like appearance with breast (gyecomastia) and sterile will have one of the genetic compliment
(1) XO (2) XXY
(3) XXO (4) XXX

63. Huntington chorea is a disease
(1) Which affect the kidney
(2) In which degeneration of nervous system leading to involuntary shaking of head, arms and legs
(3) Common in korea

(4) Similar to diabeters

64. Achondroplasia is a disease related with the defect in formation of
(1) Mucosa (2) Cartilage
(3) Membrane of joint (4) Bone

65. Trisomic autosomal congenital disease is :-
(1) Criminal syndrome
(2) Down's syndrome
(3) Klinefelter
(4) Turner's syndrome

Bacterial Diseases

66. Symptoms of Diphteria is-
(1) Gum bleeding (2) Fear of water
(3) Suffocation (4) Stomachache

67. Which is a (infectious disease) –
(1) Coronary thromobosis
(2) Diphtheria
(3) Diabites mellitus
(4) Hypertension
(5)

68. Diphteria is connected with –
(1) Lungs (2) Throat
(3) Blood (4) Liver

69. Widal test is emplyed for detecting -
(1) Yellow fever (2) Malaria
(3) Typhoid (4) Cholera

70. Toxin produced by tetanus affects-
(1) Voluntary Muscles
(2) Involuntary Muscles
(3) Both voluntary & involuntary muscles
(4) Jaw bones

71. Syphilis a sexually transmitted disease is caused by -
(1) Leptospira (2) Vibrio
(3) Pasteurella (4) Treponema

72. Causative agent of TB is -
(1) Salmonella (2) Streptococcus
(3) Myco bacterium (4) Pneumococcus

73. Which of the following is not correctly matched –
(1) Dengue fever – Arbovirus
(2) Plague – Yersinia pestis
(3) Syphlis – trichuris trichura
(4) Sleeping Sickness- Trypanosoma

74. Which of the following causes plague -
(1) Salmonella typhmurium
(2) Trichinella spiralis
(3) Yersinia pestis
(4) Leishmania donovani

75. 'Lock jaw' is associated with:-
(1) Opisthotonus (2) Risus sardonicus
(3) Clostridium (4) All

76. Which disease is caused by vector xenopsylla cheopsis:-
(1) Plague (2) Black fever
(3) Yersinia (4) All

77. Multi drug therapy (M.D.T.) is given in:-
(1) Tetanus (2) Diptheria
(3) Koch disease (4) All

78. Ciprofloxacin drug is uneffective in:-
(1) Tuberculosis (2) Chicken pox
(3) Pnumonia (4) Typhoid

79. Mantoux test is done to detect:-
(1) Leprosy (2) Typhoid
(3) Tuberculosis (4) Dptheria

80. Tetanus affect:-
(1) Involuntary muscle
(2) Voluntary muscle
(3) Lungs
(4) Respiratory mucosa

81. Schick test is associated with:-
(1) Bodetella pertusis
(2) Chlamydia trochomatis
(3) Diplococcus pnumoni
(4) Conebacterium diptheriae

82. Link between bacteria and virus is :-
(1) Bodetella (2) Treponema
(3) Chlamydia (4) Vericella

83. Causative agent of French pox (Syphilis):-
(1) Tryponema
(2) Varicella
(3) H.I.V.
(4) Treponema pallidum

84. Antibiotic used in tetanus is:-
(1) Erythromycin (2) Tetracyclin
(3) Penicillin (4) Ciprofloxacin

85. V.D.R.L test is done in:-
(1) Gonorrhoea (2) Diptheria
(3) Syphilis (4) A.I.D.S.

86. Bradycardia, High fever, anorexia, is found in:-
(1) Hepatitis-A (2) Kala-azar
(3) Typhoid (4) A.I.D.S.

87. Food poisoning is caused by:-
(1)E. coli
(2) Clostridium botulinium
(3) Salmonella typhi
(4) Bacillus megathrium

88. Causative agent of 100 days cough:-
(1) Clostridium (2) Neisseria
(3) Bordetella (4) Cornebacteriu

89. O.R.S. is given in infection of :-
(1) Vibrio cholerai
(2) Entameba histolytica
(3) Clostridium botulinum
(4) All the above

Viral Diseases

90. The smallest virus is which causes-
(1) Measles (2) Mumps
(3) Rabies (4) Poliomyelites

91. AIDS is caused by –
(1) Fungus (2) Virus
(3) Bacteria (4) Helminth

92. Which one is a viral disease –
(1) Syphilis (2) Rickets
(3) Measles (4) none of above

93. Jaundice a pathological disease of liver is commonly due to-
(1) Bacterium (2) Virus
(3) Protozoan (4) Helminth

94. Small pox & rabies are caused by –
(1) Virus (2) Protozoan
(3) Bacterium (4) Nematode

95. Which is a viral disease –
(1) Tetanus (2) Dysentry
(3) Typhoid (4) None Above

96. Mumps is viral diseases thatcauses inflammation of –
(1) Parotid glands
(2) Sublingual glands
(3) Submaxillary gland
(4) Infra orbital gland

97. In polio the legs get paralysed ant atrophied due to –
(1) Obstruction of muscles
(2) Degeneration of bones
(3) Death of some muscles
(4) Shrinkage of muscles

98. Chiken pox is caused by-
(1) Varicella virus (2) Adeno virus
(3) Bacteriophase T_2 (4) S.V.40 virus

99. AIDS Virus has -
(1) Single strand DNA
(2) Double strand DNA
(3) Single strand RNA
(4) Double strand RNA

100. Which of the following disease is spread by mosquito but not caused by virus:-
(1) Dengue fever (2) Yellow fever
(3) Filariasis (4) Chicken pox

101. Dengue fever is transmitted by:-
(1) Aedes aegypti (Tiger mosquito)
(2) Culex fatigaus
(3) Anopheles
(4) Aedes donovoni
(5)

102. Which is not a viral droplet infection:-
(1) Measles (2) Mumps
(3) Trachoma (4) Influenza

103. Which safe vaccine is used pulse polio programe:-
(1) Live vaccine
(2) Killed vaccine
(3) Recombinant D.N.A. vaccine
(4) Third generation vaccine

104. Most common cause of jaundice:-
(1) Yellow fever (2) AIDS
(3) Hepatitis –A (4) Hepatitis-B

105. Mumps affect- which part of the body:-
(1) Parotid gland
(2) Thyroid gland
(3) Testis
(4) (1) and (3) is correct s

106. Tourniquet test is done in :-
(1) Diptheria (2) Break bone fever
(3) A.I.D.S. (4) Hepatitis-A

107. Dew drop like appearance on trunk is caused by which virus:-
(1) Corona virus (2) Myxo virus
(3) Vericella virus (4) Arbo virus

108. Which disease is not transmitted thorugh placenta:-
(1) Hepatits-A (2) Hepatitis-B
(3) A.I.D.S. (4) Syphilis

109. In the 30 pregnant female A.I.D.S. patient are admit in female ward. Find out the probable number of neonates (Children) having the H.I.V. from these pregnant female:-
(1) 30 Children (2) 20 children
(3) 10 children (4) 3 children

110. Which of the following disease is eradicated from India:-
(1) Polio (2) Leprosy
(3) Measles (4) Small pox

111. Street virus affects:-
(1) Kidney (2) C.N.S.
(3) Lungs (4) Eyes

Now Cummunicable Diseases

112. Arthritis is a disease of the inflammations of:-
(1) Joint (2) Blood vessel
(3) Brain (4) Intestine

113. Myasthenia gravis due to:-
(1) Interferon (2) Autoantigen
(3) Antigen (4) Toxins

114. The disease in which high level of uric acid in blood are characteristic is:-
(1) Arthritis (2) Rheumatism
(3) Gout (4) Rheumatic heart

Cancer

115. Sarcoma is cancer of -
(1) Epitheliat tissue
(2) Mesodermal tissue
(3) Blood
(4) endodermal tissues

116. Which is not cancer –
(1) Leukaemia (2) Glaucoma
(3) Carcinoma (4) Sarcoma

117. Blood cancer is –
(1) Leukemia (2) thrombosis
(3) Haemophilia (4) Hemolysis

118. Which is carsinogen and pathogen:-
(1) Mycobacterium
(2) LAV (Lymphadenopathy Associated virus)
(3) Herpes zoster virus
(4) Cancero bacterium virus

119. Radiation is helth hazard because it cause
(1) Hemophilia (2) Leucopenia
(3) Pneumonia (4) Leukaemia

120. Which is Cancerous tumour:-
(1) Benign tumour
(2) Melignant Tumour
(3) Lipoma
(4) All the above

121. Most common typer of Tumour in world (male):-
(1) Oral cancer. (2) Breast cancer
(3) Blood cancer (4) Pulmonery cancer

122. Causative factor of cancer is called:-
(1) Oncogenes (2) Radiogens
(3) Estrogens (4) Carcinogens

123. Treatment of cancer is :-
(1) Surgery (2) Radiation
(3) Chemotherapy (4) Investigation

124. NMR is considered superior to C.T. Scan because:-
(1) To obtain images in any plane.
(2) Imagingwith out radiation.
(3) Studying only hard part of body.
(4) Both (1) and (2).

125. Ultra sound waves produced in sonography is due to :-
(1) X-ray
(2) Ultra sound effect
(3) Electro magnetic radiation effect.
(4) Pizo- electric effect.
(5)

126. Which is important during open heart surgery:-
(1) Blood (2) Oxygenator
(3) Blood dialyser (4) (1) & (2)

127. HDL and coronery heart disease are:-
(1) Have no relationship.
(2) Directly proportional.
(3) Inversely proportional.
(4) (1) & (2)

128. Who discovered C.T. Scan:-
(1) Wilherm Konred Roentgen.
(2) Bloch and Purcell (1946).
(3) Hounsfield
(4) Dr. M. Salim
(5)

129. M.R.I. is based on:-
(1) Radioactive isotopes.
(2) Short life isotopes.
(3) Long life isotopes.
(4) None of the above .
(5)

130. Berger waves are produced by
(1) Magnet (7 Tesla) (2) In P.E.T. Scan.
(3) Brain (4) In sonography.

131. Frequency of – waves is :-
(1) 4-7 Hz/sec. (2) 8-13 Hz/sec.
(3) 14-30 Hz/sec. (4) 1-3 Hz/sec.

131. Key concept of P.E.T. is :-
(1) Radiation.
(2) Magnet
(3) Double emission of - radiation.

(4) Glucose

132. Colour processing center in brain can be located by :-
(1) C.T.Scan (2) P.E.T. Scan
(3) M.R.I. (4) all the above

133. Hb count of leukaemic female will be:-
(1) 8 gm% (2) 15 gm%
(3) 12-16 gm% (4) > 16 gm%

134. Hb count is done by:-
(1) Widal method (2) Sahli Method
(3) Haemoglobinometer (4) (2) & (3)

135. Which is abnormal count:-
(1) R.B.C. – 3.5 millions/ cubic mm.
(2) W.B.C.- 5 thousend/cubic mm.
(3) E.S.R. – 10mm./hour
(4) Platelet – 400,000/cu.mm.

136. Which enzyme are used in ELISA test:-
(1) Hydroxylase (2) Nuclease
(3) Alkaline phosphatase (4) Protease

137. Which of the following is best investigation for gastric Ulcer:-
(1) Sonography. (2) P.E.T.
(3) M.R.I. (4) Endoscopy

138. Cryosurgery is done by:-
(1) Liquid hydrogen (2) Liquid helium
(3) Liquid ammonia (4) Liquid nitrogen

ANSWER KEY EXERCESE –I

Q.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A.	4	2	1	2	1	4	2	2	3	4	2	2	2	2	3
Q.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
A.	2	1	3	4	2	2	4	3	4	3	3	1	3	2	2
Q.	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
A.	2	2	4	4	2	2	3	3	2	2	3	4	3	3	4
Q.	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
A.	4	4	3	3	1	2	3	1	2	2	2	2	4	1	2
Q.	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
A.	2	2	2	2	2	3	2	2	3	1	4	3	3	3	4
Q.	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90
A.	1	3	2	3	2	4	3	4	3	3	3	2	3	4	4
Q.	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105
A.	2	3	2	1	4	1	3	1	3	3	1	3	1	3	1
Q.	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
A.	2	3	1	3	4	2	1	2	3	2	2	1	2	4	2
Q.	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135
A.	4	4	4	4	4	4	3	3	4	3	3	3	2	1	4
Q.	136	137	138	139											
A.	1	3	4	4											