

# GNS 301 MICRO COMPENDIUM

## MAN & SCIENCE

### EXCEL MINDS ACADEMIC GROUP

ANSWERS ARE EMBOLDENED AND UNDERLINED

1. Which one of the following diseases is communicable?

(a) rickets

(b) **amoebiasis**

(c) diabetes

(d) cancer

2. AIDS virus spreads in the body through

(a) Suppressor T-cells

(b) Carrier T-cells

(c) **Helper T-cells**

(d) Killer T-cells

3. The cells which act as parasites in the body

(a) Schwann cells

(b) Hepatocytes

(c) KuMycolnharelip

(d) **Cancer cells**

4. TAB vaccine is useful against

(a) Polio

(b) Diptheria

(c) Pertussis

(d) **Typhoid**

5. Which of the following specimen is tested the most for the detection of carrier of typhoid?

- (a) Urine
- (b) Blood
- (c) **Faeces**
- (d) Sputum

6. The pathogen of the typhoid is directly transmitted through

- (a) urine
- (b) **water**
- (c) blood
- (d) cerebrospinal fluid

7. Scurvy disease is caused by the deficiency of vitamin ....

- (a) B complex
- (b) **C**
- (c) D
- (d) K

8. Select the vital disease

- (a) Diabetes
- (b) Tetanus
- (c) Leprosy
- (d) **Poliomyelitis**

9. A sexually transmitted bacterial disease is

- (a) AIDS
- (b) **Syphilis**
- (c) Herpes
- (d) Hepatitis

10. AIDS is due to .....
- (a) **reduction in number of helper T-cells**
  - (b) Reduction in number of killer T-cells
  - (c) Autoimmunity
  - (d) Non-production of interferons
11. Sarcoma is cancer of .....
- (a) Bones
  - (b) Adipose tissue
  - (c) Connective tissue and muscular tissue
  - (d) **All of the above**
12. Most of the tumours
- (a) Malignant
  - (b) **Benign**
  - (c) Related to carcinoma
  - (d) Sample boils
13. Inactive cancer gene is called
- a) Transposon
  - b) Proto-oncogene**
  - c) Tumour promoter gene
  - d) Tumour suppressor gene
14. ELISA - atest is helpful for the detection of which of the followings?
- (a) Leprosy
  - (b) Cancer
  - (c) **AIDS**
  - (d) Malaria

15. The symptom of typhoid called intestinal hemorrhage occurs in \_\_\_ week of infection.
- (a) 1st
  - (b) 2nd
  - (c) **3rd**
  - (d) 4th
16. Swine Flu is caused by
- (a) HIV
  - (b) **H1N1**
  - (c) Herpes zostr
  - (d) Mumps virus
17. Infection of Ascaris occurs due to .....
- (a) **Contaminated food and water**
  - (b) Mosquito bite
  - (c) Tsetse fly
  - (d) Sand fly
18. Excessive bleeding from an injury is due to deficiency of .....
- (a) Vitamin A
  - (b) Vitamin B
  - (c) **Vitamin K**
  - (d) Vitamin E
19. Typhoid is caused by a species of
- (a) Streptococcus
  - (b) **Salmonella**
  - (c) Staphylococcus
  - (d) Mycobacterium

20. Immune deficiency syndrome could develop due to (AIIMS)

- (a) Defective liver
- (b) Defective thymus
- (c) **AIDS virus**
- (d) Weak immune system

21. Tumour enclosed in a capsule is

- (a) Malignant
- (b) **Benign**
- (c) Metastasis
- (d) Basophils

22. AIDS causing HIV principally infects

- (a) All lymphocytes
- (b) Activator B-cells
- (c) **T4 lymphocytes**
- (d) Cytotoxic T-cells

23. After entering a T-cell, HIV first forms

- (a) MRNA
- (b) **ssDNA**
- (c) dsDNA
- (d) dsRNA

24. Which of the followings is a structural change in cancer cells?

- (a) **Apoptosis**
- (b) Metastasis
- (c) Both (a) and (b)
- (d) Neither (a) nor (b)

25. Iodine deficiency causes disease.

(a) **Goiter**

(b) Kwashiorkor

(c) Scurvy

(d) Anaemia

26. The branch which deals with the study of defense mechanism against diseases is called .....

(a) parasitology

(b) epidemiology

(c) **immunology**

(d) physiology

27. Disease existing at or before birth is

(a) **Congenital**

(b) Communicable

(c) Noncommunicable

(d) none of these

28. Osteomalacia is due to deficiency of

(a) **Vitamin D**

(b) Vitamin K

(c) Vitamin A

(d) Vitamin E

29. A bacterial disease is

(a) **Leprosy**

(b) Polio

(c) Chicken pox

(d) Influenza

30. AIDS is caused by
- (a) Fungus
  - (b) Virus**
  - (c) Bacterium
  - (d) Helminth
31. Carcinoma is cancer of
- (a) Epithelial cells**
  - (b) Connective tissue cells
  - (c) Bone cells
  - (d) Blood cells
32. Benign tumour is the one which
- (a) Shows metastasis
  - (b) Differentiated and capsulated**
  - (c) Undifferentiated and non-capsulated
  - (d) Differentiated and non-capsulated
33. Most common type of Salmonella found in India is.....
- (a) S. arizonae
  - (b) S. enteritidis
  - (c) S. typhi**
  - (d) S. typhimurium
34. Western blot test is used for confirmation of
- (a) Typhoid
  - (b) HIV**
  - (c) Cancer
  - (d) Malaria

35. Leprosy is.....
- (a) Non-contagious
  - (b) contagious**
  - (c) Allergic
  - (d) Hormonal
36. Frost bite is caused by
- (a) chemical agent
  - (b) biological agent
  - (c) nutrient agent
  - (d) physical agent**
37. A disease transferred from mother to child through placenta is
- (a) German measles
  - (b) Syphilis
  - (c) AIDS
  - (d) all of the above**
38. Kwashiorkor, a disorder of children is due to:
- (a) Protein/essential amino acid deficiency**
  - (b) Carbohydrate deficiency
  - (c) Genetic problem
  - (d) Vitamin deficiency
39. Down's syndrome is caused by:
- (a) Monosomy of 21 chromosome
  - (b) Trisomy of 21st chromosome**
  - (c) Deletion in chromosome
  - (d) Duplication of chromosome



40. Smoking may cause cancer of

(a) **Lung**

(b) Liver

(c) Skin

(d) Cervix

41. AIDs spreads through

(a) Blood transfusion

(b) Placental transmission

(c) Sexual contact

(d) **all of the above**

42. AIDS is characterized by sharp reduction in number of....

(a) **Helper T-cells**

(b) Killer T-cells

(c) Suppressor T-cells

(d) B-lymphocytes

43. What is correct?

(a) **Malignant tumours may exhibit metastasis**

(b) Patients who have undergone surgery are given cannabinoids to relieve pain

(c) Benign tumours show metastasis

(d) Heroin accelerates body functions

44. Widal test is based on

(a) **Serological interaction**

(b) Sonography

(c) Endoscopy

(d) Angiography

45. Malaria is caused by\_\_
- (a) Ascaris
  - (b) Plasmodium**
  - (c) Entamoeba
  - (d) Trypanosoma
46. Scurvy is developed due to the deficiency of
- (a) iodine
  - (b) vitamin B
  - (c) vitamin A
  - (d) vitamin C**
47. Small pox and rabies are caused by
- (a) Bacterium
  - (b) Virus**
  - (c) Protozoan
  - (d) Nematode
48. Deficiency of iodine causes
- (a) Tetany
  - (b) Cretinism
  - (c) Myxodema
  - (d) Goitre**
49. Pair of viral diseases is
- (a) Ringworm, AIDS
  - (b) Typhoid, Tuberculosis
  - (c) Dysentery, common cold
  - (d) Common Cold, AIDS**

50. Which of the following is known as slim disease?
- (a) Leprosy
  - (b) Cancer
  - (c) Typhoid
  - (d) **AIDS**
51. Some protection is provided against carcinogens by (AFMC)
- (a) Penicillic acid
  - (b) Affatoxin
  - (c) Streptomycin
  - (d) **Tocopherol/Vit. E**
52. In AIDs the system which fails is (MHT-CET)
- (a) Digestive
  - (b) Repsiratory
  - (c) **Defence**
  - (d) Sensory
53. responsible for replication of HIV is
- (a) RNA polymerase
  - (b) DNA ligase
  - (c) DNA polymerase
  - (d) **Reverse transcriptase**
54. Burkitt's lymphoma is caused by
- (a) HIV
  - (b) Reovirus
  - (c) **E-B virus**
  - (d) None of the above

55. Heamophilia disease can transfer through
- (a) **Heredity**
  - (b) Metal
  - (c) Pollutant
  - (d) Vector
56. Which of the following diseases is non contagious but infectious?
- (a) leprosy
  - (b) **AIDS**
  - (c) measles
  - (d) mumps
57. A vector borne disease is
- (a) Scurvy
  - (b) Influenza
  - (c) **Kala-azar**
  - (d) Tuberculosis
58. Anaemia is mainly due to deficiency of (MP-PMT, AFMC)
- (a) Ca
  - (b) **Fe**
  - (c) Na
  - (d) Mg
59. Filariasis is caused by
- (a) **Wuchereria**
  - (b) Ascaris
  - (c) Taenia
  - (d) Fascioloides

60. Typhoid fever is caused by  
(a) **Salmonella typhi**  
(b) Vibrio cholerae  
(c) Treponema pallidum  
(d) Trichophyton tonsurans
61. Which type of cancer occurs in lymph nodes and spleen? (AIMS)  
(a) Carcinoma  
(b) **Sarcoma**  
(c) Leukemia  
(d) Lymphoma
62. Metastasis is connected with  
a) Benign tumour  
(b) **Malignant tumour**  
c) Both A and B  
d) Crown gall tumour
63. HIV is retrovirus as its genetic information is contained in  
(a) DNA  
(b) DNA instead of RNA  
(c) **RNA instead of DNA**  
(d) Protein
64. Which one is vehicle borne?  
(a) **Typhoid**  
(b) Cancer  
(c) Rabies  
(d) Mumps

65. Itai-Itai disease is caused by\_\_\_ss.
- (a) Mercury
  - (b) Lead
  - (c) **Cadmium**
  - (d) Iron
66. Which of the following is not congenital disease?
- (a) sickle cell anaemia
  - (b) albinism
  - (c) haemophilia
  - (d) **hepatitis**
67. A state of complete physical mental and social well being is called
- (a) Disease
  - (b) **Health**
  - (c) Hygiene
  - (d) Infirmary
68. Dengue is caused by
- (a) **Female Aedes**
  - (b) male Aedes
  - (c) Male Anopheles
  - (d) Female Anopheles
69. A droplet infection is
- (a) Tetanus
  - (b) **Pneumonia**
  - (c) Syphilis
  - (d) Typhoid

70. Human papilloma virus may cause cancer of
- (a) Stomach
  - (b) Uterine cervix**
  - (c) Liver
  - (d) Urinary bladder
71. Blood cancer is
- (a) Leukemia**
  - (b) Thrombosis
  - (c) Haemophilia
  - (d) Hemolysis
72. Cancerous cells are killed by radiations because they are
- (a) Dividing rapidly**
  - (b) Deprived of oxygen
  - (c) Starved
  - (d) Mutating fast
73. Anaplasia is
- (a) Transfer of cancer cells
  - (b) Formation of tumour
  - (c) Loss of cells adherence and cell differentiation**
  - (d) Action of lysosomes over cells
74. Which is correct about AIDS?
- (a) Drug addicts are least susceptible
  - (b) Care and nutrition cure AIDS patients
  - (c) Virus enters helper T-cells and reduces their number**
  - (d) It can spread through eating food together with infected person.
75. Typhus fever is caused by\_\_\_\_.
- (a) Fungi
  - (b) Bacteria
  - (c) Virus
  - (d) Rickettsia**

76. Study of mode of transmission of diseases is called ....

- (a) Parasitology
- (b) epidemiology**
- (c) nosology

(d) immunology

77. Which one of the following is a degenerative disease?

**(a) Cataract**

(b) Kwashiorkor

(c) Cretinism

(d) Marasmus

78. Which is mismatched?

**(a) Vitamin K – Beri beri**

(b) Vitamin C – Scurvy

(c) Vitamin A- Xerophthalmia

(d) Vitamin D - Rickets

79. Haemophilia is

**(a) Genetic disease**

(b) Infectious disease

(c) Occupational disease

(d) Metabolic disorder

80. Widal test is used for diagnosis of

**(a) Typhoid**

(b) Cancer

(c) AIDS

(d) Malaria



81. Sarcoma is cancer of
- (a) Epithelial tissue
  - (b) Mesodermal tissue**
  - (c) Blood
  - (d) Endodermal tissues
82. One of the following is used for treatment of thyroid cancer (CBSE)
- (a) U238
  - (b) Ra-224
  - (c) C-14
  - (d) I-131**
83. A person preparing food (e.g., Mary Milton) can be a major source of spread of disease (MHT-CET)
- (a) Pneumonia
  - (b) Syphilis
  - (c) Typhoid**
  - (d) Cancer
84. Treatment of cancer is carried out by (HP-PMT)
- (a) Radiation therapy
  - (b) Surgery
  - (c) Immunotherapy
  - (d) All of the above**
85. Breast cancer is the example of disease.
- (a) Deficiency
  - (b) Hormonal
  - (c) Allergic
  - (d) Malignant**

86. Which of the following is fourth dimension of health?
- (a) physical
  - (b) mental
  - (c) **spiritual**
  - (d) social
87. Congenital diseases caused by environmental factors are
- (a) PKU and sickle cell anaemia
  - (b) Down's syndrome and Turner's syndrome
  - (c) Haemophilia and colour blindness
  - (d) **Cleft palate and harelip**
88. Deficiency of vitamin C/Ascorbic acid causes (CBSE, DPMT, JIPMER, MP-PMT)
- (a) Rickets
  - (b) Beri-beri
  - (c) **Scurvy**
  - (d) Night blindness
89. Pneumonia that infects lung alveoli is caused by
- (a) **Streptococcus species**
  - (b) Plasmodium species
  - (c) SalmonellaHaemophilus
90. Which one is not helminth (MHT-CET)
- (a) Taenia
  - (b) **Trypanosoma**
  - (c) Fasciola
  - (d) Ascaris
91. Sarcoma is cancer of
- (a) Epithelial tissue
  - (b) Endodermal tissue
  - (c) Ectodermal tissue
  - (d) **Mesodermal tissue**

92. AZT is used in treatment of
- (a) Malaria
  - (b) AIDS**
  - (c) T.
  - (d) Kala-azar
93. Cancer of blood is
- (a) Lymphoma
  - (b) Sarcoma
  - (c) Osteoma
  - (d) Leukemia**
94. Cancer of cervix is caused by
- (a) Human Papilloma virus**
  - (b) Pep pills
  - (c) Epstein Barr Virus
  - (d) Fetty diet
95. HIV infects
- (a) Cytotoxic T-cells
  - (b) Helper T-cells**
  - (c) Cells of nervous system
  - (d) B-lymphocytes
96. Beri-Beri is caused by the deficiency of \_\_
- (a) Vitamin B**
  - (b) Vitamin D
  - (a) Vitamin C
  - (a) Vitamin E
97. Who separated medicines from religion, superstition and philosophy?
- (a) Aristotle
  - (b) Hippocrates**
  - (c) Edward
  - (d) Darwin

98. Which one of the followings is a water borne disease?

- (a) Tuberculosis
- (b) Malaria
- (c) **Cholera**
- (d) Chicken pox

99. Deficiency of vitamin A causes

- (a) Cataract
- (b) Myopia
- (c) Hyperopia
- (d) **Night blindness**

100. Insulin deficiency causes

- (a) Diabetes insipidus
- (b) Goitre
- (c) **Diabetes mellitus**
- (c) All of the above

101. AIDS was first reported in

- (a) England
- (b) **U.S.A.**
- (c) France
- (d) India

102. Western blot test is used for detection of

- (a) Cancer
- (b) Leprosy
- (c) **AIDS**
- (d) Tuberculosis

103. A person was found to HIV positive by ELISA. The test that affirms it is(MANIPAL)
- (a) Southern blot
  - (b) Northern blot
  - (c) **Western blot**
  - (d) All the above
104. AIDS virus HIV first starts destroying (CBSE)
- (a) **Leucocytes**
  - (b) Thromobocytes
  - (c) B-lymphocytes
  - (d) T-lymphocytes
105. Which is spread by house fly
- (a) Dengue fever
  - (b) Encephalitis
  - (c) Filariasis
  - (d) **Typhoid**
106. .... diseases are also called inborn diseases
- (a) Infected
  - (b) Contagious
  - (c) Acquired
  - (d) **Congenital**
107. Vector host of malaria is
- (a) **Female Anopheles mosquito**
  - (b) Male Anopheles mosquito
  - (c) Aedes mosquito
  - (d) Culex mosquito

108. Chicken pox is caused by  
(a) **Varicella-Zoster Herpes virus**  
(b) Adeno virus  
(c) Bacteriophage T2  
(d) SV 40 virus
109. Kwashiorkor and beri-beri are ....  
(a) Communicable diseases  
(b) Infectious diseases  
(c) **Deficiency diseases**  
(d) none of the above
110. Elephantiasis is caused by  
(a) Dracunculus medinensis  
(b) Entrobium vermicularis  
(c) **Wuchereria bancrofti**  
(d) None of the above
111. Confirmatory test commonly employed for diagnosis of AIDS is  
(a) Pap test  
(b) Widal test  
(c) **Western blot test**  
(d) Benedict's test
112. HIV has a protein coat and a genetic material which is  
(a) ss DNA  
(b) ds DNA  
(c) **ss RNA**  
(d) ds RNA

113. HIV reduces natural immunity of body by destroying

(a) B-lymphocytes

**(b) T-lymphocytes**

(c) Antibodies

(d) Erythrocytes

114. Widal test is used for diagnosis of

(a) Malaria

(b) Cholera

**(c) Typhoid**

(d) Yellow fever

115. Bronchogenic carcinoma is cancer of

(a) Breast

(b) Intestine

**(c) Lungs**

(d) Liver

116. The study of classification of diseases is called\_ –

**(a) Nosology**

(b) Etiology

(c) Epidemiology

(c) Serology

117. Congenital diseases

**(a) are present at birth**

(b) are deficiency diseases

(c) spread from one individual to another

(d) occur during life

118. Which one of the following is transplacental disease

- (a) Kala-azar
- (b) German measles**
- (c) Rabies
- (d) Scabies

119. Xerophthalmia in children and night blindness in adults is caused by the deficiency of

- (a) Vitamin A**
- (b) Vitamin B
- (c) Vitamin C
- (d) Vitamin K

120. Goitre disorder is caused by deficiency of (MHT-CET)

- a) Iron
- b) Protein
- c) Retinol
- d) Iodine**

121. Which one of the following diseases is caused by bacteria (MP-PMT)

- a) Rabies
- b) Small pox
- c) Measles
- d) Tuberculosis**

122. Bone cancer belongs to the category of

- (a) Leukemia
- (b) Lymphoma
- (c) Sarcoma**
- (d) Carcenoma



123. AIDS day (AIIMS, MHT-CET, AFMC)

- (a) May 1
- (b) December 20
- (c) June 1
- (d) **December 1**

124. One of the following is mainly infected by HIV (AIIMS)

- (a) **Helper T-lymphocytes**
- (b) Killer T-lymphocytes
- (c) Cytotoxic T-lymphocytes
- (d) Memory T-lymphocytes

125. Which one is carcinoma? (GUJARAT-CET)

- (a) Cancer of lymph glands
- (b) Cancer of muscle
- (c) Cancer of blood
- (d) **Melanoma cancer of skin**

126. HIV is a member of a group of viruses called (DPMT)

- (a) Bacteriophages
- (b) Lysogenic viruses
- (c) **Retroviruses**
- (d) Gemini viruses

127. Incubation period of typhoid is

- (a) **7-17 days**
- (b) 5-10 days
- (c) 1-- 5 days
- (d) 3- 4days

128. Diseases of the heart, joints and nervous system are called

- (a) Communicable diseases.
- (b) **degenerative diseases**
- (c) deficiency diseases
- (d) allergies

129. Insulin deficiency causes

- (a) Huntington's chorea
- (b) Cretinism
- (c) Diabetes insipidus
- (d) **Diabetes mellitus**

130. Pernicious anaemia is caused by the deficiency of vitamin

- (a) B1/Thiamine
- (b) **B12/Cobalamine**
- (c) C/Ascorbic acid
- (d) D/Calaciferol

131. Kala-azar is caused by

- (a) Taenia solium
- (b) Trypanosoma gambiense
- (c) **Leishmania donovani**
- (d) Wuchereria bancrofti

132. Disease caused by Trypanosoma gambiense is.....

- (a) **Sleeping sickness**
- (b) Kala-azar
- (c) Diphtheria
- (d) Dysentery

Wishing you all the best!

**From:** Coordinator, EXCEL MINDS ACADEMIC GROUP.