

# RRB PARAMEDICAL EXAM HEALTH INSPECTOR

## QUESTIONS

1. For education of measles, immunization coverage should be at least  
(a) 80% (b) 85% (c) 96% (d) 100%
2. Period of maximum infectivity in mumps is during  
(a) incubation period (b) onset of swelling (c) after swelling appears (d) prodromal period
3. Major epidemics of influenza A occur at intervals of  
(a) 1 year (b) 2-3 years (c) 10-15 years (d) 20-25 years
4. The most common source of infection for diphtheria is a  
(a) case (b) sub clinical case (c) carrier (d) all of the above
5. Shick test is done in  
(a) meningitis (b) diphtheria (c) pertussis (d) polimyelitis
6. Adjuvant present in DPT vaccine is  
(a) aluminium phosphate (b) aluminium hydroxide (c) zinc phosphate (d) magnesium phosphate
7. Recommended site of administration of DPT in infants is  
(a) gluteal (b) deltoid (c) lateral aspect of thigh (d) forearm
8. The most severe complications following DPT are due to ..... component  
(a) diphtheria (b) pertussis (c) tetanus (d) adjuvant
9. The vaccine usually given to pilgrims to the Middle East is  
(a) DPT (b) influenza (c) yellow fever (d) meningitis
10. Best index to estimate case load of T.B. in a community is  
(a) incidence of infection (b) prevalence of infection (c) incidence of disease  
(d) prevalence of disease
11. Prevalence of T.B. infection in a community is estimated by  
(a) tuberculin test (b) sputum microscopy (c) culture (d) chest X-ray
12. The amount of PPD used in mantoux test in India is  
(a) 1 TU (b) 5 TU (c) 25 TU (d) 250 TU
13. Result of mantoux test is read after  
(a) 6 hours (b) 24 hours (c) 48 hours (d) 72 hours
14. Present day BCG vaccine is supplied as  
(a) liquid vaccine (b) freeze dried vaccine (c) both (d) none of the above
15. The diluent used for reconstituting BCG vaccine is  
(a) normal saline (b) distilled water (c) dextrose (d) none of the above
16. Reconstituted BCG vaccine should be used with in

(a) 3 hours (b) 6 hours (c) 18 hours (d) 24 hours

17. The age for BCG vaccination is recommended at

(a) birth or at 6th week (b) only 6th week (c) 6-8 weeks (d) within 1 year

18. At the village level sputum for AFB is collected and fixed by

(a) anganwadi worker (b) village health guide (c) health worker male (d) health worker female

19. Source of most polio infections are

(a) clinical cases (b) sub clinical cases (c) carrier (d) both (b)&(c)

20. Risk factors for development of paralytic polio include

(a) 1/M injections (b) Tonsillectomy (c) DPT (d) all of the above

21. Major route of transmission of Hepatitis A is

(a) Facco oral route (b) parentral route (c) sexual transmission (d) perinatal transmission

22. Vaccine vial monitor is present on which of these vaccines

(a) BCG (b) DPT (c) OPV (d) Measles

23. Immunity after Hepatitis A lasts for

(a) 6 months (b) 1 year (c) 6 years (d) life long

24. Following methods destroy vibrio cholerae except

(a) boiling (b) drying (c) bleaching powder 1 mg/L (d) cresol

25. Best method of collecting choleric stools for diagnosis is by

(a) rectal catheter (b) rectal swab (c) disinfected stool (d) all of the above

26. All are vaccines included under the Universal Immunization Programme except

(a) diphtheria (b) pertussis (c) measles (d) MMR

27. The MTP act was passed in the year

(a) 1975 (b) 1971 (c) 1986 (d) 2000

28. All are Anti Rabies vaccine currently used in Kerala except

(a) chick embryo cell vaccine (b) human diploid cell vaccine (c) vero cell vaccine (d) neural tissue vaccine

29. Annual Parasitic incidence is used to measure the problem of

(a) Filariasis (b) Dengue fever (c) Malaria (d) Japanese encephalitis

30. The causative organism of plague is

(a) Y pestis (b) R. Prowazeki (c) Coryne bacterium (d) Arbovirus

31. Which of these is a Conventional Contraceptive

(a) Combined pill (b) IUD (c) Condom (d) Mini pill

32. Which of these insecticides is used as a space spray

(a) paris green (b) abate (c) pyrethrum (d) mineral oil

33. Chemical ideally used for disinfecting sputum is

(a) cresol (b) dettol (c) savlon (d) phenol

34. Census is carried out at regular intervals of

- (a) 5 years (b) 10 years (c) 7 years (d) 15 years  
35. Vaccine carrier should ideally have number of ice packs
- (a) 1 (b) 2 (c) 3 (d) 4  
36. The dose of elemental iron in Folifer tablet given to pregnant women under the RCH programme is
- (a) 60 mg (b) 80 mg (c) 50 mg (d) 100 mg  
37. Sanitary latrine should be located at least .... feet from source of contamination
- (a) 15 (b) 25 (c) 50 (d) 75  
38. For calculating Bacterial index in Leprosy a minimum of ..... sites should be examined
- (a) 4 (b) 6 (c) 7 (d) 9  
39. Number of Tetanus toxoid doses to be given to an antenatal mother with last child birth 2 years back is
- (a) 2 (b) 1 (c) 3 (d) none  
40. As per the Birth and Deaths Registration Act all births are to be registered with in a period of
- (a) 7 days (b) 14 days (c) 21 days (d) 1 month  
41. Dengue fever is transmitted by the bite of ..... mosquito
- (a) anopheles (b) aedes (c) mansonias (d) culex  
42. Route of administration of BCG vaccine is
- (a) intramuscular (b) intradermal (c) subcutaneous (d) intrathecal  
43. Pasteurisation of milk kills all organisms except
- (a) Anthrax (b) M. Tuberculosis (c) Streptococcus (d) Brucella  
44. Prevalence of hook worm infection in a community is assessed by
- (a) pearl index (b) breteau index (c) chandler index (d) none of the above  
45. The level of iodisation of iodised salt at the consumer level as specified under the IDD control programme is
- (a) 40 ppm (b) 30 ppm (c) 15 ppm (d) 50 ppm  
46. All are steps in Primary Prevention of diseases except
- (a) promotion of healthy life styles (b) good nutrition (c) immunization (d) treatment  
47. Communicability of measles declines
- (a) after onset of fever (b) during prodromal period (c) at the time of eruption (d) after appearance of rash  
48. After effective chlorination of water free residual chlorine should not be less than
- (a) 0.5 mg/L (b) 1 mg/L (c) 50 mg/L (d) 200 mg/L  
49. All are side effects of oral contraceptives except
- (a) hypertension (b) cervical cancer risk (c) gall bladder disease (d) iron deficiency anaemia

50. World AIDS day is observed on

(a) December 1st (b) January 31st (c) May 1st (d) October 1st

51. Highest source of vitamin A is seen in

(a) Cod liver oil (b) green leafy vegetables (c) papaya (d) carrot

52. Which is a live vaccine

(a) Hepatitis B vaccine (b) Hepatitis A vaccine (c) Oral polio vaccine (d) DPT vaccine

53. Scurvy is a deficiency disease due to

(a) Vitamin A (b) Vitamin D (c) Vitamin C (d) Vitamin B12

54. Number of sputum smears to be taken for confirmation of tuberculosis under the Revised National Tuberculosis control

programme is

(a) 1 (b) 2 (c) 3 (d) 4

55. The target population under the Universal Immunization Programme is

(a) infants and antenatal mothers (b) infants (c) under fives (d) under fives and antenatal mothers

56. RCH programme was launched in the year

(a) 1997 (b) 1992 (c) 1990 (d) 1998

57. Additional energy requirement to be supplemented for a lactating mother is

(a) 200 calories (b) 550 calories (c) 350 calories (d) 100 calories

58. Dental caries is caused due to deficiency of

(a) Iodine (b) Iron (c) Fluorine (d) Copper

59. Most ideal equipment for vaccine storage in a PHC is

(a) domestic refrigerator (b) ice lined refrigerator (c) cold box (d) vaccine carrier

60. Village Health Guide is present in all these states except

(a) Uttar Pradesh (b) Bihar (c) Orissa (d) Kerala

61. Route of transmission of pneumonic plague is

(a) Vector (b) Droplet (c) Formite (d) Food

62. Most simple way of data presentation to a common man is

(a) Bar chart (b) Line diagram (c) Pictogram (d) Histogram

63. The best method for operation theatre disinfection is

(a) dettol (b) phenol (c) lysol (d) fromaldehyde

64. Primary schedule of hepatitis B immunization is

(a) 0,1,6 months (b) 1,3,6 months (c) 1,2,12 months (d) 0,1,5 years

65. The control of ..... has led to the eradication of guinea worm disease

(a) mosquito (b) rat flea (c) sand fly (d) cyclops

66. The confirmatory test for paralytic poliomyelitis is a

(a) stool examination (b) CSF examination (c) blood examination (d) nerve examination

67. The drug given to peripheral health worker under the Actute Respiratory infection Control Programme is

(a) Tetracycline (b) Cotrimoxazole (c) Doxy cycline (d) Chloroquine

68. The fitration technique in modern water treatment plant is

(a) slow sand filter (b) rapid sand filter (c) activated sludge process (d) double pot method

69. World Health Day is observed every year on

(a) May 9th (b) July 11th (c) April 7th (d) July 1st

70. Health education technique most suited for introducing the correct use of O.R.S. among Rural mothers is

(a) group discussion (b) flash card (c) demonstration (d) flannel graph

71. All are anti scabies preparations except

(a) BHC (b) permethrin (c) benzyl benzoate (d) malathion

72. All are tests used for bacteriological quality testing of drinking water except

(a) multiple tube method (b) membrane filtration technique (c) colony count (d) biological oxygen demand

73. During an epidemic of cholera, wells should be disinfected ideally

(a) Every day (b) 2 days (c) 3 days (d) 1 week

74. All are components of under five clinic except

(a) immunization (b) growth monitoring (c) oral rehydration (d) referral treatment

75. All are true of prevention of Food Adulteration Act except

(a) prescribes minimum standards (b) is not mandatory

(c) punishment includes imprisonment (d) latest amendment was in the year 1986

76. Physical quality of life index includes all except

(a) infant mortality (b) life expectancy at age one (c) per capita GNP (d) literacy

77. Incubation period is less than 3 days in all the following except

(a) influenza (b) cholera (c) mumps (d) staphylococcal food poisoning

78. The type of influenza virus causing epidemics every year is

(a) A (b) B (c) C (d) Any one of the above

79. The incubation period of Rabies in men is determined by

(a) Site of bite (b) Severity of bite (c) Number of wounds (d) All of the above

80. Noso comial infection means

(a) infection of nose (b) hospital acquired infection (c) notifiable disease (d) new disease

81. All of the following are mosquito borne diseases except

(a) Malaria (b) Filaria (c) Kysanur forest disease (d) Dengue fever

82. Which is not true of small pox

(a) No animal reservoir (b) No carrier stage (c) No sub-clinical infection (d) No air borne transmission

83. ORS contains all except

(a) sodium chloride (b) potassium sulphate (c) trisodium citrate (d) glucose

84. The danger zone for bacterial growth in food is

(a) 10-49 degree C (b) 20-49 degree C (c) 10-60 degree C (d) 20-60 degree C

85. Aldehyde test is used for the diagnosis of

(a) Malaria (b) Kala Azar (c) Japanese encephalitis (d) Typhus fever

86. The period from disease initiation to disease detection in chronic disease is called

(a) incubation period (b) serial interval (c) latent period (d) median period

87. Herd immunity does not protect an individual in

(a) Diphtheria (b) Poliomyelitis (c) Small pox (d) Tetanus

88. Vaccines which should not be frozen include

(a) Typhoid (b) DPT (c) TT (d) All of the above

89. ILR stands for

(a) Income Literacy Ratio (b) Illiteracy- Literacy Ratio

(c) Ice Lined Refrigerator (d) Infant Living Rate

90. Cold chain equipment used at out reach sites is

(a) cold box (b) vaccine carrier (c) ice pack (d) freezer

91. Most heat sensitive vaccine is

(a) BCG (b) Polio (c) Measles (d) DPT

92. Zero dose of polio vaccine means

(a) no vaccination (b) dose before first dose (c) no antibody response (d) vaccination at mobile camps

93. Pasteurisation of milk is an example disinfection

(a) Pre current (b) Con current (c) Terminal (d) Absolute

94. Boiling for 5-10 minutes kills

(a) bacteria (b) spores (c) virus (d) none of the above

95. All of the following can be sterilized by Auto claving except

(a) gloves (b) culture media (c) plastics (d) linen

96. All are suitable for disinfection of faces and urine except

(a) 8% bleaching powder (b) 1% crude phenol (c) 5% cresol (d) 1-2% formalin

97. Ideally bed pans and urinals are sterilized using

(a) 1% cresol (b) bleaching powder (c) steam (d) all of the above

98. Sputum is best disposed by

(a) burning (b) boiling (c) 5% cresol (d) any of the above

99. Immunity conferred by an attack of small pox is for

(a) 10 years (b) 15 years (c) 20 years (d) life long  
100. Which is not true regarding measles

(a) source of infection is a case (b) secondary attack rate is 80%

(c) carries do not occur (d) sub clinical measles not known

Answers:

1 B	11 A	21 A	31 C	41 B	51 A	61 B	71 D	81 C	91 B
2 A	12 A	22 B	32 C	42 A	52 C	62 C	72 D	82 C	92 B
3 D	13 C	23 A	33 A	43 B	53 C	63 D	73 A	83 B	93 A
4 B	14 B	24 D	34 B	44 C	54 C	64 A	74 D	84 C	94 D
5 A	15 A	25 A	35 D	45 C	55 C	65 D	75 B	85 B	95 C
6 C	16 B	26 C	36 C	46 D	56 B	66 A	76 D	86 A	96 D
7 C	17 A	27 B	37 D	47 D	57 B	67 B	77 C	87 B	97 B
8 D	18 A	28 C	38 C	48 A	58 C	68 A	78 B	88 D	98 C
9 C	19 C	29 A	39 C	49 A	59 B	69 C	79 D	89 C	99 D
10C	20 D	30 A	40 C	50 A	60 C	70 C	80 D	90 B	100B