

English

1. The characteristic inclusion body noticed in Chlamydial infection is

- (A) Negri body
- (B) Babe's body
- (C) LCL Body
- (D) Large Cell variant

Correct Option(s): C

English

2. "Spelunker's Lung" is the synonym for

- (A) Histoplasmosis
- (B) Coccidioidomycosis
- (C) Blastomycosis
- (D) Sporotrichosis

Correct Option(s): A

English

3. Which of the following Rickettsial disease is mite borne?

- (A) Rocky Mountain Spotted fever
- (B) Endemic Typhus
- (C) Epidemic Typhus
- (D) Rickettsial pox

Correct Option(s): D

English

4. Infection that persists in an animal in which there are no overt clinical signs

- (A) Incubatory carriers
- (B) Convalescent carriers
- (C) Latent infection
- (D) Active infection

Correct Option(s): C

English

5. If the incidence value in exposed and unexposed groups are identical, then

- (A) Groups have identical chance of being exposed
- (B) RR value will be one
- (C) No association between cause and the effect
- (D) All of these

Correct Option(s): D

English

6. Bagassosis is a disease condition caused by inhalation of

- (A) Sugar cane dust
- (B) Cotton fibre dust
- (C) Grain dust
- (D) Silica dust

Correct Option(s): A

English

7. The National Institute of One Health is being established in

- (A) New Delhi
- (B) Barielly
- (C) Nagpur
- (D) Mumbai

Correct Option(s): C

English

8. $YLD = I \times DW \times L$ where L stands for

- (A) Average length of disability
- (B) Average length of health
- (C) Loss incurred due to disability
- (D) None of these

Correct Option(s): B

English

9. Cafeteria germ is

- (A) Staphylococcus aureus
- (B) Streptococcus pyogenes
- (C) Clostridium perfringens
- (D) Bacillus cereus

Correct Option(s): C

English

10. The antibiotic which has been banned by FSSAI for use in processing of meat products, Poultry and eggs and sea foods in 2019 is

- (A) Colistin
- (B) Tetracycline
- (C) Penicillin
- (D) Erythromycin

Correct Option(s): A

English

11. The first Indian state to launch an Action Plan for containing Antimicrobial resistance

- (A) Kerala
- (B) Tamil Nadu
- (C) Delhi
- (D) Karnataka

Correct Option(s): A

English

12. Lymph node becomes inflamed, tense and painful in plague and is called –

- (A) Scrofula
- (B) Bubo
- (C) Perinaud's Oculoglandular syndrome
- (D) Eschar

Correct Option(s): B

English

13. Barking pig syndrome is the synonym of _____

- (A) Vesicular stomatitis
- (B) Yellow fever
- (C) Nipah
- (D) CCHF

Correct Option(s): C

English

14. The livestock Importation Act in India was first formulated in the year

- (A) 1898
- (B) 2003
- (C) 1868
- (D) 2001

Correct Option(s): A

English

15. Which parasitic infection results in formation of a capsule, composed of the nurse cell and fibrous wall, in infected muscles?

- (A) *Toxoplasma gondii*
- (B) *Fasciola gigantica*
- (C) *Cryptosporidium parvum*
- (D) *Trichinella spiralis*

Correct Option(s): D

English

16. The BIS standard for total viable count in pasteurised milk

- (A) 30,000 cfu/mL
- (B) 5 lakh cfu/mL
- (C) 50,000 cfu/mL
- (D) 2 lakh cfu/mL

Correct Option(s): A

English

17. Itai Itai disease is caused by

- (A) Mercury
- (B) Lead
- (C) Cadmium
- (D) Arsenic

Correct Option(s): C

English

18. In which one of the following circumstances will the prevalence of a disease in the population increase, all else being constant?

- (A) If survival time with the disease increases
- (B) If the incidence rate of the disease falls
- (C) If the recovery of the disease is faster
- (D) If the population in which disease is present increases

Correct Option(s): A

English

19. A particular infectious disease can display a broad scope of manifestations and severities. This is known as the:

- (A) incubation period
- (B) gradient of infection
- (C) endemic level of disease
- (D) stage of susceptibility

Correct Option(s): B

English

20.

To escape predation, a parrotfish will graze with a rabbitfish, which has venomous spines at the end of its pelvic fins. The rabbitfish does not benefit from this relationship. Which type of relationship do the parrotfish and the rabbitfish have in the coral-reef environment?

- (A) Commensalism
- (B) Mutualism
- (C) Prey predator relationship
- (D) Parasitism

Correct Option(s): A

English

21. Which among the following statements is not true about monkeypox virus

- (A) It is an orthopoxvirus a disease with symptoms similar to smallpox
- (B) In 2022–2023 a global outbreak of the disease was caused by the clade IIb strain.
- (C) No vaccines are till date available against the disease
- (D) It was declared as a public health emergency in 2022 by WHO

Correct Option(s): C

English

22. The Biosafety level used for handling of Nipah virus is

- (A) BSL-I
- (B) BSL-II
- (C) BSL-III
- (D) BSL-IV

Correct Option(s): D

English

23. The compilation of common quick tests for detection of food adulterants at household released by FSSAI:

- (A) Pink Book
- (B) Orange Book
- (C) DART Book
- (D) Yellow Book

Correct Option(s): C

English

24. Inability of freshly killed carcass to dissipate heat rapidly when carcasses are hung too close to each other:

- (A) Sour side
- (B) Green struck
- (C) Bone taint
- (D) Pseudomelanosis

Correct Option(s): A

English

25. Guillain- Barré peripheral polyneuropathy observed is associated with:

- (A) Salmonella
- (B) E. coli
- (C) Yersinia
- (D) Campylobacter

Correct Option(s): D

English

26. National Milk Day, which commemorates the birthday of Dr. Verghese Kurien, falls on

- (A) November 26
- (B) October 26
- (C) September 26
- (D) August 26

Correct Option(s): A

English

27. Cabbagey flavour of milk is associated with

- (A) LTLT
- (B) UHT
- (C) HTST
- (D) Boiling milk

Correct Option(s): B

English

28. Nitrogen containing oligosaccharide present in human milk that helps in maintenance of intestinal health is

- (A) Casein factor
- (B) Bifidus factor
- (C) Lactoferrin
- (D) Lactanin

Correct Option(s): B

English

29. Limulus lysate is used for detection of presence of bacterial produced by Gram negative bacteria

- (A) Extrapolysaccharides
- (B) Enzymes
- (C) Lipopolysaccharides
- (D) Toxins

Correct Option(s): C

English

30. Delhi Belly commonly known as travelers' diarrhea is most commonly caused by

- (A) Clostridium botulinum
- (B) Salmonella typhi
- (C) Staphylococcus aureus
- (D) Escherichia coli

Correct Option(s): D

English

31. What is the supreme decision-making body of the United Nations Framework Convention on Climate Change (UNFCCC)?

- (A) Conference of the Parties (COP)
- (B) Intergovernmental Panel on Climate Change
- (C) United Nations Environment Programme
- (D) None of these

Correct Option(s): A

English

32. Which among the following is measured by Dobson unit?

- (A) Ozone concentration
- (B) Thermal conductivity
- (C) Soil moisture
- (D) Radiation

Correct Option(s): A

English

33. Contamination of drinking water with which of the following causes Blackfoot disease (BFD)?

- (A) Nitrates
- (B) Arsenic
- (C) Mercury
- (D) Cadmium

Correct Option(s): B

English

34. "Ecology is Permanent Economy" This slogan is related to which of the following?

- (A) Chipko Movement
- (B) Narmada Bachao Andolan
- (C) Appiko movement
- (D) None of these

Correct Option(s): A

English

35. The National Disaster Management Authority (NDMA) is headed by

- (A) Prime Minister of India
- (B) President of India
- (C) Vice President of India
- (D) Chief Minister of Delhi

Correct Option(s): A

English

36. The Indian Tsunami Early Warning Centre (ITEWC) established at Indian National Centre for Ocean Information Sciences is located in

- (A) Chennai
- (B) Goa
- (C) Kochi
- (D) Hyderabad

Correct Option(s): D

English

37. ISO standards which enables organizations to put in place a food safety management system that helps them improve their overall performance when it comes to food safety

- (A) ISO 22000
- (B) ISO 14000
- (C) ISO 17025
- (D) ISO 9001

Correct Option(s): A

English

38. Grey baby syndrome is a reaction observed to which of the following antibiotics

- (A) Penicillin
- (B) Cephalosporins
- (C) Chloramphenicol
- (D) Gentamycin

Correct Option(s): C

English

39. A step at which control can be applied and is essential to prevent or eliminate a food safety hazard or reduce it to an acceptable level

- (A) Critical control point
- (B) Critical Limit
- (C) Control point
- (D) None of these

Correct Option(s): A

English

40. The scientific evaluation of known or potential adverse effects resulting from foodborne hazards

- (A) Risk assessment
- (B) Risk management
- (C) Risk Communication
- (D) HACCP

Correct Option(s): A

English

41. First zoonotic disease discussed at the 1st World Health Assembly in 1948.

- (A) Rabies
- (B) Anthrax
- (C) Plague
- (D) Tuberculosis

Correct Option(s): B

English

42. According to the National Action Plan for control of Avian Influenza, GoI, 2021 which among the following statements is incorrect

- (A) Area within 1km from the site of confirmed AI will be designated as Infected Zone
- (B) Rest of the area within 1- 5 km is designated as Surveillance Zone
- (C) Stamp out all the live poultry birds/ other captive birds within the infected zone.
- (D) Movement of live birds from and to the infected area should be completely banned

Correct Option(s): B

English

43. The dead end host of West Nile fever virus is

- (A) Crows
- (B) Culex mosquitoes
- (C) Horses
- (D) Ravens

Correct Option(s): C

English

44. Consider the following statements: 1. India has been elected as a member representing the Asian region in the Executive Committee of Codex Alimentarius Commission 2. Codex Alimentarius Commission has 189 Codex Members 3. National Codex Contact Point (NCCP) of India is BIS

- (A) Only (1) is correct
- (B) Both 1) and 2) are correct
- (C) 1) and 3) are correct
- (D) All statements are correct

Correct Option(s): B

English

45. PAIR test is used for the treatment of

- (A) Hydatidosis
- (B) Taeniosis
- (C) Toxoplasmosis
- (D) Paragonimiasis

Correct Option(s): A

English

46. Which one of the following diseases is an example of Metazoonoses type III / zoonoses

- (A) Paragonimiasis
- (B) Clonorchiasis
- (C) KFD
- (D) Yellow fever

Correct Option(s): B

English

47. Each of the following statements concerning Giardia lamblia is correct except:

- (A) G. lamblia has both a trophozoite and cyst stage in its life cycle
- (B) G. lamblia is transmitted by fecal oral route from both human and animal sources
- (C) G. lamblia causes hemolytic anemia
- (D) G. lamblia can be diagnosed by the string test

Correct Option(s): C

English

48. The infective stage for broad fish tapeworm *Diphyllobothrium latum* to humans

- (A) Coracidia
- (B) Proceroid
- (C) Plerocercoid
- (D) Embryonated egg

Correct Option(s): C

English

49. The number of Animal Quarantine Stations in India are

- (A) Six
- (B) Five
- (C) Four
- (D) Ten

Correct Option(s): A

English

50. According to Central Pollution Control Board (CPCB), which particulate size in diameter (in micrometers) of the air pollutants is responsible for greatest harm to human health?

- (A) 5.2 – 2.5
- (B) 2.5 or less
- (C) 1.5 or less
- (D) 1.0 or less

Correct Option(s): B