

XII-Bio-Zoology

Do you know? - One marks test

1. Which animal, when macerated and squeezed through fine silk cloth, the cluster of cells pass through, and these can regenerate new organism.
a. annelids b. sponges c. nematods d. echinoderms
2. In this type only males are produced by parthenogenesis. eg: Apis (honeybee).
a) Arrhenotoky b) Thelytoky c) Amphitoky d) none of the above
3. In this type only females are produced by parthenogenesis. eg: Solenobia
a) Arrhenotoky b) Thelytoky c) Amphitoky d) none of the above
4. In this type parthenogenetic egg may develop into individuals of any sex. eg: *Aphis gossypii*.
a) Arrhenotoky b) Thelytoky c) Amphitoky d) none of the above
5. Female ____ contains one of the strongest muscles of the human body.
a) stomach b) intestine c) uterus d) fallopian tube
6. Out of the million eggs women possess during birth, only about ____ will ovulate before menopause.
a) 500 to 600 b) 400 to 500 c) 300 to 400 d) 100 to 200
7. On the other hand, males produce more than 500 billion sperms in their life time.
a) 500 billion b) 400 billion c) 300 billion d) 100 billion
8. ____ is the smallest human cell.
a) nerve cell b) sperm c) ovum d) epithelial cell
9. ____ is the largest human cell.
a) nerve cell b) sperm c) ovum d) epithelial cell
10. A female ____ is normally about 3 inches long and 2 inches wide but can expand 20 times during pregnancy.
a) stomach b) intestine c) uterus d) fallopian tube
11. Globally, about ____ women die every day of preventable causes related to pregnancy and childbirth.
a) 600 b) 200 c) 500 d) 800
12. India's infant mortality rate was ____ per 1,000 live.
a) 44 b) 30 c) 55 d) 68
13. According to World Health Organization (WHO), 2017 more than one million people globally acquires a sexually transmitted infection every day.

- a) one million b) two million c) three million d) four million
14. ____ has the third largest HIV epidemic in the world, with 2.1 million people living with HIV.
- a) India b) South Africa c) China d) Russia
15. **TNHSP** (Tamilnadu health systems project), a unit of the Health and family welfare department of the Government of Tamilnadu does free screening for
- a) diabetes and brain tumour b) blood pressure and blood cancer
c) cervical and breast cancer d) stroke and hypertension
16. Antigens similar to those found among human beings have been recognized in the blood of other organisms. A-type antigens have been found in ____, A, B and AB antigen in ____.
- a. Chimpanzees and in Gibbons, Orangutans b. Cats, Orangutans
c. Dogs and Cattle's d. Chimpanzees and in Gibbons and Dogs
17. New world monkeys (Platyrrhina) and Lemurs have a substance similar but not identical with ____ in humans.
- a) B antigen b) A antigen c) O antigen d) AB antigen
18. Three blood groups have been distinguished in ____ with a genetic system similar to those in humans.
- a. Chimpanzees b. Cats c. Dogs d. Gibbons
19. The human Y chromosome is only ____ in size with 60 functional genes.
- a. 50 Mb b. 60 Mb c. 70 Mb d. 80 Mb
20. X chromosomes are 165 Mb in size with about ____ genes.
- a. 500 b. 750 c. 900 d. 1000
21. _____ is the study of how genes affect a person's response to drugs.
- a. Pharmacogenomics b. Pharmacology c. Genomics d. Bioinformatics
22. ____ was first recognised in the 1919 pandemic and still circulates as a seasonal flu virus.
- a. Malaria b. Dengue c. Swine flu d. Chicken pox
23. ____ is caused by the H1N1 virus strain. Symptoms include fever, cough, sore throat, chills, weakness and body aches. Children, pregnant women and the elderly are at risk from severe infection.
- a. Malaria b. Dengue c. Swine flu d. Chicken pox
24. In malaria, the only approved vaccine as of 2015 is ____.
- a. ATS,S b. RTS,S c. BTS,S d. DTS,S

25. The process of production of blood cells in the bone marrow is called
a. haematopoiesis b. erythroblastosis c. chemosynthesis d. erythroformation
26. _____ are glands located in the roof of the mouth, behind the soft palate where the nose connects to the throat and produce antibodies that help to fight infections. Typically, the adenoids shrink during adolescence and may disappear by adulthood.
a. Adenoids b. lymph node c. MALT d. Spleen
27. Typically, the _____ shrink during adolescence and may disappear by adulthood.
a. Adenoids b. lymph node c. MALT d. Spleen
28. _____ is the property of a substance (antigen) that allows it to react with the products of the specific immune response.
a. Antigenicity b. Immunity c. Hapten d. Histocompatibility
29. _____ antigens are cell surface antigens that induce an immune response leading to rejection of allografts.
a. Antigenicity b. Immunity c. Hapten d. Histocompatibility
30. _____ is the method of use of vaccine for treatment of disease.
a. Vaccino therapy b. immunotherapy c. chemotherapy d. radiotherapy
31. Dr. Edward Jenner prepared first vaccine for _____ in 1796.
a. small pox b. Polio vaccine c. rabies, anthrax d. malaria
32. _____ was developed by Dr. Jonas Salk (vaccine consists of inactivated microorganism).
a. small pox b. Polio vaccine c. rabies, anthrax d. malaria
33. Louis Pasteur (1885) discovered vaccine against _____.
a. small pox b. Polio vaccine c. rabies, anthrax d. BCG vaccine
34. _____ was developed by Calmette and Guérin against tuberculosis in France in the year 1908.
a. small pox b. Polio vaccine c. rabies, anthrax d. BCG vaccine
35. _____ are compounds in food (fibers) that induce the growth or activity of beneficial microorganisms.
a. Prebiotics b. Probiotics c. Antibiotics d. None of the above
36. _____ are live microorganisms intended to provide health benefits when consumed, generally by improving or restoring the gut flora.
a. Prebiotics b. Probiotics c. Antibiotics d. None of the above
37. The _____ is the inhibiting effect of oxygen on the fermentation process.
a. Pasteur effect b. Genner effect c. Raman effect d. Robert effect

38. World biofuel day is observed every year on _____ to create awareness about the importance of renewable bio-fuels as an alternative to conventional non-renewable fossil fuels.
- a. 10th July b. 10th August c. 10th September d. 10th October
39. Rosie, the first transgenic cow produced human protein enriched milk, which contained the human _____.
- a. alpha lactalbumin b. alpha insulin c. beta lactalbumin d. alpha glucagon
40. Rainfall is lowest in the _____ of Chile, where it averages less than 15 mm.
- a. Atacama Desert b. Sahara Desert c. Thar Desert d. American Deserts
41. Rainfall in _____ is higher - almost 280 mm a year.
- a. Atacama Desert b. Sahara Desert c. Thar Desert d. American Deserts
42. Sameer, an App provides hourly updates on the _____ published by CPCB.
- a. National Air Quality Index (AQI) b. National Water Quality Index (WQI)
c. National Soil Quality Index (SQI) d. National Rainfall Index (RI)
43. Average human consumption of Oxygen per day =
- a. 350 L b. 400 L c. 600 L d. 550 L
44. Oxygen production by one healthy tree per year =
- a. 1,00,000 L b. 1,50,375 L c. 1,10,575 L d. 1,00,375 L
45. Which are nuclear disasters the world has seen in the recent period.
- a. The Three Mile Island b. Chernobyl c. Fukushima Daiichi d. All the above
46. A female uterus is normally about 3 inches long and 2 inches wide but can expand _____ during pregnancy.
- a) 5 times b) 10 times c) 15 times d) 20 times
47. _____ of embryos is often used when there are more embryos than needed for a single IVF transfer.
- a) Cryopreservation b) pasteurization c) drying d) salting
48. The human Y chromosome has _____ functional genes.
- a. 50 b. 60 c. 70 d. 80
49. The human X chromosomes are _____ in size.
- a. 155 Mb b. 65 Mb c. 165 Mb d. 200 Mb
50. In which year Rosie, the first transgenic cow produced with human protein enriched milk.
- a. 1996 b. 2000 c. 1997 d. 1990

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