

(4)

41. Thunder and lightening storms occur when warm, moist air rises quickly to form
 - a) virga
 - b) cumulonimbus cloud
 - c) white cloud
 - d) black cloud
42. Who discovered lightening rod?
 - a) Benjamin Franklin
 - b) Torricelli
 - c) Newton
 - d) Thomas Alva Edison
43. Rainbow seen in the sky is due to the phenomenon of
 - a) Reflection
 - b) Refraction
 - c) Dispersion
 - d) Diffraction
44. When light travels from one medium to another medium with a different refractive index
 - a) reflection takes place
 - b) refraction takes place
 - c) both reflection and refraction take place
 - d) none of the above
45. Iris is the front part of the middle coat of the eye called
 - a) cornea
 - b) pupil
 - c) macula
 - d) choroid
46. Vitamins which play key role in vision health is/are:
 - a) A
 - b) C
 - c) E
 - d) all the above
47. The body structure and function of all organisms are controlled by the nature of organisation of
 - a) cells
 - b) tissues
 - c) organs
 - d) all the above
48. The shapes of cells are related to their
 - a) number
 - b) size of the organism
 - c) function
 - d) all the above
49. Genes are present in
 - a) mitochondria
 - b) nucleolus
 - c) chromosome
 - d) all the above
50. Which of the following is absent in animal cells?
 - a) cytoplasm
 - b) golgi bodies
 - c) plastids
 - d) none of theses

The End

Class-VIII Science

18th STATE LEVEL COMPETITION - 2017

ORGD. BY: THE UNITED DEVELOPMENT ASSN. (UDA) KHANGABOK

H.Q. KHANGABOK, THOUBAL (MANIPUR)

Regd. No. 3/SR/TH/1999

CLASS-VIII (SCIENCE)

Time: 1hr.

INSTRUCTION:

1. There are 50 questions with four alternatives of which one is the correct/most appropriate answer. Each question carry 2 marks.
2. The correct/most appropriate choice should be marked in the answer sheet with a ball point pen only, by darkening the circle corresponding to the correct choice.
5. If any candidate is found using unfair means of any kind, he/she shall be expelled from the test without any prior warning.
6. Using any calculator/mobile phone etc. is strictly prohibited in exam. hall.
7. The decision of the Association with regard to the conduct of the Examination shall be final and binding to the candidate.
1. Rabi crops are sown during
 - a) December - January
 - b) November - December
 - c) October - November
 - d) September - October
2. An implement used for removing weed is
 - a) Plough
 - b) Hoe
 - c) cultivator
 - d) none of the above
3. Excessive use of fertilizer makes the soil
 - a) acidic
 - b) alkaline
 - c) either a or b
 - d) none of the above
4. Plant nutrients present in DAP is/are
 - a) N only
 - b) P only
 - c) N & P
 - d) NPK
5. Restoration of fertility of soil can be done by
 - a) crop rotation
 - b) leaving the soil uncultivated
 - c) use of organic manure
 - d) all the above
6. Sprinkler system of irrigation is favoured over Drip system for the
 - a) clayey soil
 - b) sandy soil
 - c) loamy soil
 - d) none of the above
7. Harvest festival Pongal is practised mainly in which part of India
 - a) North East
 - b) Northern
 - c) Southern
 - d) Central
8. Milk producing animals are known as
 - a) Cattle
 - b) Dairy
 - c) Livestock
 - d) Milch cattle
9. Butter can be obtained from
 - a) Fat
 - b) Protein
 - c) Milk
 - d) Fermented milk
10. Removal of cattles that are not healthy and with low milk yield from the farm is known as
 - a) Weeding
 - b) Selection of Breed
 - c) Rearing
 - d) none of the above

Turn Over

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11. Bloat is a disease of the cattle caused by
 - a) Bovine virus
 - b) Anthracis
 - c) lack of dry fodder in the feed
 - d) none of the above
12. Who is the father of white Revolution?
 - a) KV Krishna Rao
 - b) V. Kurien
 - c) Macculum
 - d) none of these
13. With proper hygiene and feed a piglet weighing about 1.5kg can grow upto about 160kg in
 - a) 1 year
 - b) one and a half year
 - c) two years
 - d) 16 months
14. Scientific name of Pengba, a local fish is
 - a) Osteobrama belangeri
 - b) Labeo batta
 - c) Osteobrama albus
 - d) Monopeterus belangeri
15. Fish seed includes
 - a) fertilized eggs
 - b) hatchlings
 - c) small fishes
 - d) all the above
16. Honey producing families of bees is/are
 - a) Bombidae
 - b) Meliponidae
 - c) Apidae
 - d) All the above
17. Which of the following can not multiply outside the cells of host organisms?
 - a) Virus
 - b) Bacteria
 - c) fungi
 - d) Protozoa
18. Fertilized eggs of bees develop into
 - a) Drones
 - b) Sterile females
 - c) Queen
 - d) none of the above
19. Moisture content of honey is about
 - a) 20 - 40%
 - b) 60 - 80%
 - c) 0.22 - 0.3%
 - d) 0.2 - 0.5%
20. Nitrogen fixing bacteria are present in root nodules of
 - a) Cereals
 - b) leguminous plants
 - c) Mustard plant
 - d) none of the above
21. The first antibiotic was discovered by
 - a) Alexander Fleming
 - b) Mendel
 - c) Robert Hooke
 - d) Edward Jenner
22. Which of the following is an autotrophic microbe?
 - a) bacteria
 - b) fungi
 - c) cyanobacteria
 - d) viruses
23. Ringworm is caused by
 - a) bacteria
 - b) fungi
 - c) virus
 - d) protozoa
24. Which of the following polymer is used in surgical dressings?
 - a) nylon
 - b) rayon
 - c) silk
 - d) acrylic
25. Which of the following metals is not malleable?
 - a) Zinc
 - b) Arsenic
 - c) Antimony
 - d) all the above

Turn Over

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26. Which of the following metals do not react with water?
 - a) Calcium
 - b) Iron
 - c) Potassium
 - d) none of the above
27. Which of the following do not displace hydrogen from dilute acids?
 - a) metals
 - b) non-metals
 - c) copper
 - d) b & c above
28. An element X burns in air to form an oxide. This oxide reacts with water to form a solution which turns blue litmus red. What kind of oxide is formed by the element X?
 - a) neutral
 - b) acidic
 - c) basic
 - d) none of the above
29. The heat produced by 10kg of a fuel is 5000000J. What is the calorific value of this fuel?
 - a) 5000000
 - b) 500000
 - c) 50000
 - d) 5000
30. Sanctuaries can be established or abolished by
 - a) central legislation
 - b) state legislation
 - c) local government
 - d) all the above
31. A forest may be declared as protected or reserved under the provisions of forest act of
 - a) 1827
 - b) 1972
 - c) 1927
 - d) 1997
32. The term cell was first coined by
 - a) Leeuwenhoeck
 - b) de Vries
 - c) Oparin
 - d) Robert Hooke
33. Which of the following is found only in plant cells?
 - a) cytoplasm
 - b) mitochondria
 - c) ribosomes
 - d) chloroplasts
34. Which of the following is different from the other three?
 - a) Pituitary
 - b) Thyroid
 - c) Adrenal
 - d) Pancreas
35. Animals which lay eggs are known as
 - a) viviparous
 - b) oviparous
 - c) mammal
 - d) hermaphrodite
36. Which of the following has both magnitude and direction?
 - a) force
 - b) velocity
 - c) weight
 - d) all the above
37. The first artificial vacuum was produced by
 - a) Torricelli
 - b) Guericke
 - c) Magdeburg
 - d) Pascal
38. Which of the following pair is mismatched with regard to properties of sound?
 - a) loudness - amplitude
 - b) pitch - frequency
 - c) speed - nature of medium
 - d) none of the above
39. Which of the following is a mode of sexual reproduction?
 - a) binary fission
 - b) budding
 - c) regeneration
 - d) external fertilization
40. Which of the following will not conduct electricity?
 - a) Distilled water
 - b) river water
 - c) sea water
 - d) all the above

Turn Over