

1. Anything that occupies space and has mass is \_\_\_\_\_.  
 a) Atomicity                      b) Matter                              c) Attraction                      d) None
2. The force of attraction between the molecules of the same substance is known as \_\_\_\_\_.  
 a) Cohesive force                  b) Adhesive force                      c) Frictional force                  d) None
3. Identify the element \_\_\_\_\_.                  a) Air                              b) Hydrogen                  c) Plastic                      d) Wood
4. What is it called when molecules are made up of two or more different types of atoms?  
 a) Elements                      b) Compounds                      c) Atoms                              d) Mixtures
5. Pick the correct formula for Hydrochloric acid.                  a) HLC                      b) H<sub>2</sub>O                      c) HCl                      d) NaCl
6. Which is the odd one?  
 a) Water (H<sub>2</sub>O)                      b) Carbon di oxide (CO<sub>2</sub>)                  c) Sodium Chloride (NaCl)                  d) Hydrogen (H)
7. Identify the type of Homogeneous mixture for aqueous salt solution.  
 a) Solid / Solid                      b) Solid / Liquid                      c) Liquid / Gas                      d) None
8. An example for Gas / Gas in Homogeneous mixture.  
 a) Brass                              b) Liquid ammonia                      c) Air                              d) None
9. Which gas is absorbed on Palladium?  
 a) Oxygen                              b) Nitrogen                              c) Hydrogen                              d) Ozone
10. Benzene – toluene mixture is an example of \_\_\_\_\_.  
 a) Solid / Solid                      b) Solid / Liquid                      c) Liquid / Liquid                      d) None
11. Number of atoms that constitute a molecule of an element is known as \_\_\_\_\_.  
 a) Molecule                              b) Compound                              c) Atomicity                              d) Non-Metals
12. Molecules of matter are made up of tiny particles known as \_\_\_\_\_.  
 a) Elements                              b) Atoms                              c) Mixture                              d) None
13. Atomicity of hydrogen is \_\_\_\_\_.                  a) 1                              b) 2                              c) 4                              d) 3
14. Pick a monoatomic element \_\_\_\_\_.                  a) O<sub>3</sub>                              b) Cu                              c) H<sub>2</sub>                              d) O<sub>2</sub>
15. Identify the odd one out.                  a) H<sub>2</sub>                              b) Ag                              c) O<sub>2</sub>                              d) N<sub>2</sub>
16. Which is the sublimable substance?  
 a) Ammonium chloride                  b) Sodium chloride                  c) Sodium nitrate                  d) Carbon di oxide
17. Which method is used to separate the mixture of sawdust and water?  
 a) Decantation                      b) Sedimentation                      c) Sublimation                      d) Filtration
18. How will you separate the mixture of iron filling and sand?  
 a) Magnetic separation                  b) Sedimentation                      c) Distillation                      d) Decantation
19. Which one is the diatomic element?                  a) O<sub>2</sub>                              b) S<sub>8</sub>                              c) Ag                              d) He
20. The force of attraction between the molecules of two different substances is known as \_\_\_\_\_.  
 a) Cohesive force                      b) Adhesive force                      c) Mechanical force                      d) Gravitational force
21. Reproduction is a \_\_\_\_\_ process.                  a) Physical                              b) Chemical                              c) Biological                              d) Other
22. Reproduction helps in \_\_\_\_\_ of generation.  
 a) Connectivity                              b) Continuity                              c) Disability                              d) Fertility
23. Pick out the odd one out.                  a) Cutting                              b) Grafting                              c) Boosting                              d) Layering
24. Which one belongs to root category.                  a) Sweet potato                              b) Potato                              c) Grass                              d) Berry
25. \_\_\_\_\_ pollination of rice is very common on the field of agriculture.  
 a) Artificial cross                              b) Natural cross                              c) Hybrid cross                              d) Genetic cross

26. Sexual reproduction in plants involves \_\_\_\_.
- a) Anaphase    b) Metaphase    c) Prophase    d) Meiosis
27. Example for ballistic seed dispersal is \_\_\_\_.
- a) Apple    b) Mango    c) Gorse (ulex)    d) Berry
28. A sexual reproduction means \_\_\_\_ propagation.
- a) Vegetative    b) Mating    c) External    d) Fixed
29. \_\_\_\_ are inflated parts of the stem with in which lie the central shoots of new plants.
- a) Tuber    b) Bulbs    c) Corms    d) Suckers
30. \_\_\_\_ is the process of asexual reproduction through seed, in the absence of meiosis and fertilization.
- a) Apoptosis    b) Pharangitis    c) Apomixis    d) Keikis
31. Pick the odd one out.
- a) Root    b) Stem    c) Leaf    d) Seeds
32. \_\_\_\_ involves single parent.
- a) Asexual reproduction    b) Sexual reproduction    c) Fertilisation    d) Pollination
33. Flowering plants are capable of reproducing by \_\_\_\_.
- a) Sexual means    b) Asexual means    c) Both sexual & asexual means    d) Others
34. \_\_\_\_ is a process which includes the bending of plant branches of stems.
- a) Layering    b) Grafting    c) Suckering    d) Cutting
35. Artificial pollination leads to an increase in \_\_\_\_ diversity.
- a) Biodiversity    b) Linguistic diversity    c) Genetic diversity    d) Species diversity
36. Pollination involves \_\_\_\_.
- a) Anther    b) Stigma    c) Both a & b    d) Petals
37. Example for sexual reproduction \_\_\_\_.
- a) Human    b) Plant    c) Stem    d) None
38. Natural pollination is followed by means of \_\_\_\_.
- a) Animals    b) Wind    c) Both a and b    d) Humans
39. Onion belongs to \_\_\_\_ propagation.
- a) Root    b) Stem    c) Leaf    d) Stigma
40. Vegetative propagation by leaf can be seen in \_\_\_\_.
- a) Bryophyllum    b) Pisum Sativum    c) Carrot    d) Vallisneria
41. Basically the business is divided into \_\_\_\_ types.
- a) 7    b) 5    c) 6    d) 8
42. Communication is the act of sending information via speech, writing and \_\_\_\_.
- a) Notes    b) Pictures    c) Visuals    d) None
43. Which business involves converting raw materials in to finished products.
- a) Service    b) Merchandising    c) Manufacturing    d) None
44. Buyers & Sellers meet in the market to exchange goods and \_\_\_\_.
- a) Shares    b) Services    c) Valuables    d) Information
45. \_\_\_\_ market has only one seller.
- a) Oligopoly    b) Duopoly    c) Monopolistic    d) Monopoly
46. The document in support of a business transaction is \_\_\_\_.
- a) Cash memo    b) Voucher    c) Invoice    d) Bill
47. The final agreement of both the parties is called as \_\_\_\_.
- a) Offer    b) Demand    c) Contract    d) Acceptance
48. \_\_\_\_ and Acceptance are the bases of a contract.
- a) Offer    b) Contract    c) Money    d) Faith
49. Which system manages the financial activities of a business?
- a) Business    b) Offer    c) Acceptance    d) Accounting
50. The concept of document is defined by \_\_\_\_.
- a) Taylor    b) Adam Smith    c) Suzanne Briet    d) Henry