

1. Reproduction is of \_\_\_\_\_ types.      a) Many      **b) Two**      c) Three      d) One
2. An example of asexual reproduction is \_\_\_\_\_.  
a) Hydra      b) Amoeba      c) Starfish      **d) All the above**
3. \_\_\_\_\_ fertilisation takes place outside the female body.  
**a) External**      b) Internal      c) Outside      d) Inside
4. Fertilisation is completed with \_\_\_\_\_ of ovulation.      a) 12 Hrs      b) 18 Hrs      **c) 24 Hrs**      d) 48 Hrs
5. In \_\_\_\_\_, external fertilisation takes place in water.  
a) Frogs      b) Cat      c) Dog      d) None of the above
6. The release of eggs and sperms into the water is known as \_\_\_\_\_.  
a) Spaning      b) Spawning      **c) Spawning**      d) Spanning
7. Zygote is a diploid cell resulting from the fusion of \_\_\_\_\_ haploid gametes.  
**a) Two**      b) One      c) Three      d) Four
8. At the time the baby is actually born, there are \_\_\_\_\_ million cells.  
a) 100      b) 300      **c) 200**      d) 50
9. Human beings remain \_\_\_\_\_ even in embryonic stage.  
a) Invertebrates      **b) Vertebrates**      c) Both (a) & (b)      d) None of the above
10. Zygote is a \_\_\_\_\_ cell.      **a) Eukaryotic**      b) Prokaryotic      c) Bacteria      d) None of the above
11. A child's brain is dependant on \_\_\_\_\_.  
a) Gases      b) Diet of the mother      c) Environment of Uterus      **d) All the above**
12. The mood or emotions of the mother determines the development of \_\_\_\_\_.  
**a) Brain**      b) Kidney      c) Liver      d) Eyes
13. Babies within the womb are mostly found \_\_\_\_\_.  
a) Playing      **b) Sleeping**      c) Jumping      d) None of the above
14. The first bone cell develops between \_\_\_\_\_.  
a) 40 – 48 days      b) 45 – 48 days      **c) 46 and 48 days**      d) 41 and 50 days
15. Heart beat during the 6<sup>th</sup> week is \_\_\_\_\_.      **a) 125 bpm**      b) 175 bpm      c) 180 bpm      d) 100 bpm
16. A cheese like coating on baby's body is called \_\_\_\_\_.  
a) Vernic      **b) Vernix**      c) Vornix      d) Varnic
17. Siamebe fighting fish is the best example of \_\_\_\_\_ fertilisation.  
**a) External**      b) Internal      c) Both (a) & (b)      d) None of the above
18. \_\_\_\_\_ pairs are identical.      a) Heterozygous      **b) Homozygous**      c) Diploid      d) Haploid
19. In humans, fertilisation takes place in the \_\_\_\_\_ tube.  
**a) Fallopian**      b) Exocrine      c) Uterus tube      d) None of the above
20. Which is not an example of internal fertilisation?      a) Dog      b) Human      **c) Carp**      d) Hen
21. The force of attraction that exists between similar molecules is called \_\_\_\_\_.  
a) Adhesive force      b) Electrostatic force      c) Magnetic force      **d) Cohesive force**
22. The process in which a matter changes from solid to liquid by heating is called \_\_\_\_\_.  
a) Boiling      **b) Melting**      c) Condensation      d) Sublimation
23. Which of the following is an example of monoatomic element?  
**a) Copper (Cu)**      b) Hydrogen (H<sub>2</sub>)      c) Nitrogen (N<sub>2</sub>)      d) Oxygen (O<sub>2</sub>)
24. Which of the following method is used to separate a mixture of sand and saw dust?  
a) Magnetic separation method      b) Filtration      **c) Gravity method**      d) Distillation
25. Which of the following is an example for metalloid?  
a) Sodium      **b) Antimony**      c) Carbon      d) Copper
26. What is the chemical symbol for lead?      **a) Pb**      b) Fe      c) Mg      d) Al

27. Which of the following non-metals is used in medicines and photography?  
 a) Nitrogen                      b) Sulphur                      c) Hydrogen                      **d) Iodine**
28. The change of matter from gas to liquid on cooling is called as \_\_\_\_\_.  
**a) Condensation**                      b) Boiling                      c) Solidification                      d) Sublimation
29. Which of the following is the major metal present in Brass and Bronze?  
 a) Iron                      **b) Copper**                      c) Nickel                      d) Aluminium
30. Homogeneous mixture of two or more metals or a non-metal is called \_\_\_\_\_.  
 a) Metalloids                      b) Compounds                      **c) Alloys**                      d) Metallurgy
31. Which of the following metals is used in aircrafts and automobiles?  
 a) Iron                      **b) Aluminium**                      c) Magnesium                      d) Copper
32. Which of the following gas is used in aerated drinks?  
    **a) CO<sub>2</sub>**                      b) O<sub>2</sub>                      c) H<sub>2</sub>                      d) N<sub>2</sub>
33. Which of the following is a sublimating solid?  
 a) Chalk powder                      b) Sand                      c) Carbon                      **d) Camphor**
34. Which of the following is an element?  
**a) Silver**                      b) Sodium Chloride                      c) Water                      d) Ammonia
35. Intermolecular space is least in \_\_\_\_\_.                      a) Liquid                      **b) Solid**                      c) Gas                      d) Both a and c
36. Sulphur is an example for \_\_\_\_\_.  
 a) Monoatomic                      b) Diatomic                      c) Triatomic                      **d) Polyatomic**
37. Which of the following is used to separate immiscible liquids?  
 a) Distillation flask                      b) Filter paper                      **c) Separating funnel**                      d) Conical flask
38. The temperature at which a liquid changes to solid on cooling is called as \_\_\_\_\_.  
 a) Boiling point                      b) Melting point                      c) Sublimating point                      **d) Freezing point**
39. The symbol for sodium is \_\_\_\_\_.                      a) S                      b) So                      **c) Na**                      d) Si
40. Which of the following is an alloy of iron?  
 a) Magnalium                      **b) Stainless steel**                      c) Bronze                      d) Monel metal
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 into finished products.  
 a) Service                      b) Merchandising                      **c) Manufacturing**                      d) None
44. Email, whatsapp comes under \_\_\_\_\_ type of communication.  
 a) Verbal                      b) Visual                      c) Written                      d) None
45. This type of document records only cash transactions.  
 a) Voucher                      b) Cash memo                      c) Receipt                      d) Invoice
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