

Physical Science -(TNTET Model Question)

1. The Size of the atoms and molecules are measured in
a) metres b) centimetres c). nanometres d). millimetres
2. The force of attraction between the molecules is very strong for
a). solid b). liquid c). gas d). Semi Solid
3. The melting point of ice is
a) 100°C b). -10°C c). 90°C d)0°C
4. have no definite shape but occupy definite volume
a). liquid b). gas c) Solid
5. The force of attraction between gaseous molecules is solid
a) higher than b) lower than c) negligible
6. The boiling point of water is
a) 100°F b) 100°C c) 0°C d) 100°K
7. The unit of area will be
a) square metre b) cubic metre square c) centimetre square
d) square centimetre
8. The process of converting a solid directly into its gaseous state is known as
a) Crystalization b) Sublimation c) Condensation
9. I astronomical unit is
a) 1.986 x 10²m b) 2.8 x 10⁸ m/s c) 1.496 x 10¹¹m d) 9.467 x 10¹⁵m
10. One light year is
a) 9.46 x 10¹⁴m b) 94.6 x 10¹⁵m c) 9.46 x 10¹⁵ Km d) 9.46 x 10¹⁵m
11. The SI unit of density is
a) kg / m² b) kg² / m c) kg / m d) kg /cm²
12. The instrument which measures the total distance covered by the vehicle in metre called
a) Speedometer b) Odometer c) galvanometer d) Anemometer
13. One cubicmetre is the volume of a cube of side
a) 1m³ b) 1 cm³ c) 1m² d) 1mm ³
14. Fifth state of matter is
a) gaseous b) Plasma c) Super heated gaseous state
c) Bose - Einstein condensate
15. An example for combustible substances are
a) Iron b) Cowdung c) Stone d) glass

16. Grape fruit contains
 a) Oxalic acid b) Maleic acid c) Formic acid d) Tartaric acid
17. An example of slow combustion is
 a) White phosphorus b) magnesium ribbon in air
 c) burning of camphor d) rusting of iron
18. LPG is a mixture of
 a) Propane (15%) and butane (85%) b) Propane (85%) and butane (15%)
 c) propane (50%) and butane (50%) c) butane (15%) and propane (85%)
19. Petrol is a
 a) Solid fuel b) highly inflammable substance
 c) non - combustable substance d) less inflammable substance
20. Which of these will form both real and virtual images
 a) plane mirror b) concave mirror c) convex mirror d) all the above
21. Running of a batsman between the wickets is the example for
 a) periodic motion b) non periodic motion c) linear motion
 d).uniform motion
22. Removal of husk of certain grains is called
 a) filtering b) churning c) winnowing d) sieving
23. From which process new substances are obtained?
 a) churning b) threshing c) filtering d) winnowing
24. prevent the rusting of iron
 a) Zinc b) Aluminum c) magnese d) Silicon
25. Gobar gas contains a mixture of
 a)propane and methane b)methane and ethane c) ethane and carbon
 d) ethane and propane

Answer Key

- | | | | | | |
|----|---|----|---|----|---|
| 1 | c | 2 | a | 3 | d |
| 4 | a | 5 | b | 6 | b |
| 7 | a | 8 | b | 9 | c |
| 10 | b | 11 | a | 12 | b |
| 13 | a | 14 | d | 15 | b |
| 16 | d | 17 | d | 18 | a |
| 19 | b | 20 | b | 21 | b |
| 22 | c | 23 | a | 24 | a |
| 25 | b | | | | |

TNTET - BIOLOGICAL SCIENCE MODEL QUESTIONS – I SET

I. CHOOSE THE BEST OPTION

1. In ecosystem the area which has different climate and geographic area is _____
a. biomass b. biome c. ecology d. bioculture
2. _____ states from the following is an example of boreal forest
a. Himachal Pradesh and Kashmir
b. Andrapradesh and Utrapradesh
c. Madhypradesh and Kashmir
d. Tamilnadu and Kerala
3. Vanamahotsav is an annual tree planting festival is celebrated in the month of _____
a. April b. May c. July d. June
4. The epiphytes, orchids and ferns which are found in _____ forest
a. Tropical rain forest b. Decidious forest
c. Mangrove forest d. Thar forest
5. Pitchavarm Mangrove forest is located in _____ district
a. Cuddalore b. Kombakkonam
c. Coimbatore d. Nilgris
6. Natural conservation day is celebrated in the month of _____
a. November 25 b. November 22
c. March 22 d. December 24
7. All the north Indian rivers originated from _____ glaciers
a. Lonak b. Himalaya
c. Kafni d. Simla
8. The wool from Angora goat found in Jammu and Kashmir is also called as _____
a. Mohair b. Pashmina c. Yak d. Ladakh
9. _____ Italian breed give high honey collection
a. Apis mellifera b. Apis dorsita
c. Apis indica d. Apis mellirosa

10. _____ involved in the temporary storage of undigested food.
 a. small intestine b. anus c. rectum d. large intestine
11. _____ teeth help in cutting and tearing of food.
 a. canine b. molar c. premolar d. incisors
12. In ruminants _____ is present between small intestine and large intestine.
 a. caecum b. large intestine c. small intestine d. rectum
13. The plant allii is belong to _____ hydrophytes.
 a. submerged b. free floating
 c. floating d. attached floating
14. The _____ root is swollen at the apex and tapers suddenly towards base
 a. turnip b. carrot c. radish d. carrot
15. The other name of Vellai alayatri is _____
 a. avicennia d. bamboo c. orchids d. uricularia
16. Orchid roots contain _____ tissue.
 a. aerolar b. false c. velamen d. smooth
17. In _____ plants axillary bud is modified into thorn.
 a. Passion flower b. Bougainvillea
 c. Hibiscus d. Daturametal
18. In _____ plant leaf is modified into bladder to trap insect.
 a. nepenthes b. insectivorous
 c. utricularia d. wort
19. Fire blight disease caused in _____ plants
 a. apple b. orange c. lemon d. wheat
20. Which of the following group belongs to phylum arthropod
 a. centipede, cockroach, scorpion b. snail , octopus, sepia
 c. round worm, tapeworm d. sponges, hydra, jelly fish
21. Lycopersicon esculentum is a botanical name of _____
 a. potato b. tomato c. ladys finger d. brinjal

22. The normal blood sugar level is _____
- a. 80-120mg/dl b. 90-120mg/dl
c. 80-140mg/dl d. 90-140mg/dl
23. _____ system of healing originated in India
- a. Ayurveda b. Siddha
c. Homeopathy d. Natural healing
24. During inhalation _____ takes place
- a. The diaphragm moves up and ribs move up
b. The diaphragm moves down and ribs move down
c. The diaphragm moves down and ribs move up
d. The diaphragm moves up and ribs move down
25. _____ desert is also called as Indian great desert.
- a. Sahara b. Thar c. Amazon d. White salt desert

ANSWERS

**1.b, 2.a, 3.d, 4.a, 5.a, 6.a,7.b,8.a, 9.a, 10.d, 11.a, 12.a, 13.d, 14.a, 15.a,
16.c, 17.b, 18.c, 19.a, 20.a, 21.b, 22.a, 23.a, 24.c, 25.b.**