

**CLASS 8**

**SCIENCE**

**1.The bacteria which commonly lives in animal and human intestine:**

- (a) Vibrio cholerae
- (b) Bacillus anthracis
- (c) Corynebacterium
- (d) Escherichia coli

**2.Agar is commercially obtained from :**

- (a) Gelidium
- (b) Cladophra
- (c) Chlorella
- (d) Corallina

**3.The gills of mushroom :**

- (a) Help in respiration
- (b) Help in nutrition
- (c) Bear spores which help in reproduction
- (d) Help in enhancing buoyancy

**4.Entamoeba histolytica is found in:**

- (a) Rectum
- (b) Oral cavity
- (c) Stomach
- (d) Intestine

**5.Who discovered the first virus?**

- (a) Bawden
- (b) Inwanowosky
- (c) Mayer
- (d) Pasteur

**6.Most of the viruses are made up of :**

- (a) Proteins
- (b) Nucleoproteins
- (c) Lipoproteins
- (d) Cellulose

**7.World TB day is celebrated on :**

- (a) March 21
- (b) March 24
- (c) March 30
- (d) March 18

**8. Widal test helps to diagnose:**

- (a) Tetanus
- (b) Tuberculosis
- (c) Typhoid
- (d) Whooping cough

**9. Who first explained that cells divide and that all new cells must come from pre-existing cells?**

- (a) M. Schleiden
- (b) T. Schwann
- (c) Robert Hooke
- (d) Rudolf Virchow

**10. Genes are:**

- (a) Segment of chromosomal DNA
- (b) Units of hereditary characteristics
- (c) Protein structures present on chromosome
- (d) Both (a) and (b)

**11. The dividing and undifferentiated cells are known as:**

- (a) Callus
- (b) Proembryo
- (c) Embryo
- (d) Primordium

**12. Silk is chemically a:**

- (a) Protein
- (b) Carbohydrate
- (c) Polymer
- (d) None of the above

**13. Removal of fertile layer of soil is known as:**

- (a) Soil Erosion
- (b) Soil Pollution
- (c) Soil formation
- (d) None of these

**14. The concept of 'Biosphere reserve' was evolved by**

- (a) UNESCO
- (b) Government of India
- (c) Botanical survey of India
- (d) Zoological survey of India

**15. Which endangered animal is the source of the world's lightest, warmest and most expensive wool 'the Shahtoosh' ?**

- (a) Chiru
- (b) Nilgai
- (c) Cheetal
- (d) Kashmiri goat

**16. .... hormones helps us to cope up in stress, anger etc.**

- (a) Insulin
- (b) Adrenaline
- (c) Thyroxine
- (d) Growth

**17. Heart is protected by a covering called .....**

- (a) septum
- (b) pleura
- (c) pericardium
- (d) meninges

**18. Fertilization takes place in..... part of human body**

- (a) fallopian tube
- (b) Vas deferens
- (c) uterus
- (d) vagina

**19. Iris is covered by**

- (a) pupil
- (b) optic nerve
- (c) cornea
- (d) convex lens

**20. Blue colour of the sky is due to**

- (a) reflection of light
- (b) refraction of light
- (c) diffraction of light
- (d) scattering of light

**21. Parsec is the unit of**

- (a) distance
- (b) mass
- (c) time
- (d) pressure

**22. Magnetite is**

- (a) an electromagnet
- (b) U-shaped magnet only
- (c) a natural magnet
- (d) none of these

**23. In conventional direction of current flow the particles considered to be moving are:**

- (a) protons
- (b) ions
- (c) atoms
- (d) electrons

**24. Cooking gas is**

- (a) CNG
- (b) LPG
- (c) Natural
- (d) Petroleum gas

**25. While climbing up a hill, a man should**

- (a) lean forward
- (b) lean backward
- (c) remain straight
- (d) keep feet wide apart

**26. A body of mass 2 kg is dropped from height of 1 m. Its kinetic energy as it reaches the ground is**

- (a) 19.6 J
- (b) 19.6 N
- (c) 19.6 kg
- (d) 19.6 m

**27. Suppose a new planet is discovered between Uranus and Neptune. Its time period would be**

- (a) less than that of Neptune.
- (b) more than that of Neptune.
- (c) equal to that of Neptune or Uranus.
- (d) less than that of Uranus.

**28. The unit of impulse is**

- (a) Nm
- (b) Ns
- (c)  $\text{Nms}^{-1}$
- (d)  $\text{Ns}^{-1}$

**29. A particle revolves around a circular path the acceleration of the particle is**

- (a) along the circumference of the circle
- (b) along the tangent
- (c) along the radius
- (d) zero

**30.The nuclear fuel in the sun is :**

- (a) Hydrogen
- (b) Nitrogen
- (c) Carbon
- (d) Helium

**31.Bakelite is a/an**

- (a) Semiconductor
- (b) Conductor
- (c) Insulator
- (d) None of the above

**32.No force acts on a current carrying conductor when it is \_\_\_\_\_ to the magnetic field.**

- (a) parallel
- (b) perpendicular
- (c) inclined at  $45^\circ$
- (d) inclined at  $30^\circ$

**33.The blue green planet is**

- (a) Uranus
- (b) Pluto
- (c) Saturn
- (d) Mars

**34.One micron equals to**

- (a)  $10^{-3}$  m
- (b)  $10^{-9}$  m
- (c)  $10^{-6}$  m
- (d)  $10^{-2}$  m

**35.Mass is the measure of**

- (a) matter contained
- (b) weight
- (c) force
- (d) none of these

**36. A car, moving with a speed of 50 km/hr, can be stopped by applying brakes after at least 6 m. If the same car is moving at a speed of 100 km/hr, the minimum stopping distance is:**

- (a) 6m
- (b) 12m
- (c) 18m
- (d) 24m

**37. Frictional force is the result of what kind of fundamental force?**

- (a) Gravitational Force
- (b) Nuclear Force
- (c) Normal Force
- (d) Electrical Force

**38. It was found that a source produces 50 crests and 50 troughs in 0.5 seconds, then what will be the frequency of the wave?**

- (a) 50 Hz
- (b) 100 Hz
- (c) 150 Hz
- (d) 125 Hz

**39. Which medium has the minimum refractive index with respect to vacuum:**

- (a) glass
- (b) oil
- (c) water
- (d) air

**40. The non-renewable source of energy is:**

- (a) petroleum
- (b) water
- (c) wind
- (d) biogas

**41. Major earthquakes are less likely to occur in**

- (a) North East India
- (b) Rann of Kutch
- (c) Rajasthan
- (d) Orissa

**42. Consider the list of terms given below**

- (i) Tsunami
- (ii) Landslide
- (iii) Floods
- (iv) Lightning

***Earthquakes can cause***

- (a) (i), (ii) & (iii)
- (b) (ii) & (iv)

(c) (ii), (iii) & (iv)

(d) (iii) & (iv)

**43. Trees help in reducing the pollution of our environment. Lakhs of trees are planted by people in the month of July every year. The occasion is called**

(a) forest Conservation Day

(b) plantation month

(c) Van Mahotsav

(d) wildlife week

**44. Which characteristic of a sound helps you to identify your friend by his voice ?**

(a) Pitch

(b) amplitude

(c) intensity

(d) quality

**45. The phenomenon of marble cancer is due to**

(a) soot particles

(b) CFCs

(c) fog

(d) acid rain

**46. The pH of the gastric juices released during digestion is**

(a) Less than 7

(b) More than 7

(c) equal to 7

(d) equal to 0

**47. The substance expected to have the highest ignition temperature out of the following is**

(a) Kerosene

(b) coal

(c) petrol

(d) alcohol

**48. An astronaut standing on the surface of the moon throws a ball upwards. The ball would**

(a) Directly fall down from the point it is released.

(b) Hang in space.

(c) go up and then come back to the surface of the moon.

(d) keep going up never to come back.

**49. Which of the following metals is used in electroplating to make objects appear shining?**

(a) Iron

(b) copper

(c) chromium

(d) aluminium

**50. If a sound wave travels from east to west, then in which direction do the particles of air move?**

(a) up and down

(b) west – east

(c) east-west

(d) north-south