

**MISC - 1**

**MISCELLANEOUS  
FILE - 1**

ELITES GRID

1. liquid form at room temperature.

**Francium**

2. The property of a substance to absorb moisture from the air on exposure is called—

**Deliquescent**

3. The metal that is present in Photo Films is—

**Silver**

4. Non-radioactive element?

**Zirconium**

5. Brass gets discolored in air due to the presence of which gas in air—

**Hydrogen Sulphide**

6. The element present in the largest amount in rocks and minerals is—

**Silicon**

7. The fastest acting enzyme in the biological kingdom is—

**Carbonic anhydrase**

8. Polythene is industrially prepared by the polymerization of—

**ethylene**

9. Lightning causes rainfall because—

It activate H<sub>2</sub>O molecule

10. Nitrification means—

Convert the atmospheric nitrogen to effective nitrogen compound.

11. Ozone hole refers to

decrease in thickness of ozone layer in stratosphere

12. Plants receive their nutrients mainly from

soil

13. When a magnet is suspended freely it always aligns itself in which direction?

N-S

14. Most highly intelligent mammals are

dolphins

15. Pyorrhea is a disease of the

gums

16. Potato is a modified form (outgrowth) of

Stem

17. Photosynthesis takes place faster in

white light

18. Plants developing in dry conditions are

xerophytes

19. Normal adult human male has

14 gram of haemoglobin/100 gram of blood

20. Photosynthesis is a process

reductive, endergonic and anabolic

21. Most common disease of poultry in India is

ranikhet

22. Radish is a

modified root

23. Oxygen in our blood is transported by a protein named

haemoglobin

24. Which type of fire extinguisher is used for petroleum fire?

Powder type

25. Mumps is a disease caused by

virus

26. Mutation is

a change that is inherited

27. Metal tea pots have wooden handles because

because wood is a bad conductor of heat

28. Pulses are a good source of

proteins

29. Which among the following controls blood pressure?

Adrenal

30. The oxygen in photosynthesis is released from:

H<sub>2</sub>O

31. Which bacteria is helpful in making curd from milk?

Lactobacillus

32. Which of the following is used as a moderator in nuclear reactor?

Graphite

33. The largest organ of the human body is

Skin

34. Athlete's foot is caused by

Fungi

35. Which Instrument is used for measuring the amount of water in milk?

Lactometer

36. The International system of units (SI) of radioactivity activity is

Becquerel

37. The nucleus consists of

neutrons and protons

38. In isotope

They have different mass number

39. Scurvy is caused by deficiency of which vitamin?

Vitamin C

40. Which of the following rays are emitted during radioactivity?

Alpha-rays, Beta-rays, Gamma-rays

41. Study of tumor is called?

Oncology

## **Note: Important information about human body**

### **1) Blood groups:**

They are of four types, viz. (i) A-type (ii) B-type (iii) AB-type (iv) O-type AB - type is called universal recipient as it can receive all the four types (mentioned above) of blood and O-type is called as universal donor as it can be given to any of the four types of blood groups (mentioned above).

### **2) Bones:**

- (i) There are 206 bones in the skeletal system of an adult.
- (ii) The largest bone is femur present in the thigh.
- (iii) The shortest bone is the stirrup which is present in the middle ear.

### **3) Other important facts about the various organs of the human body:**

- A. The largest organ of the human body is skin
- B. Heart is responsible for regulating the circulation of blood in the body. The heartbeat of adult males is 72 beats per minute.
- C. Liver is the largest gland of the human body. It is concerned with the digestion of the food intake.
- D. Two kidneys are responsible for the filtering of nitrogenous waste of the body and throw it all in the form of urine.
- E. Pituitary gland is called the master gland as it influences the growth and metabolism by controlling the other ductless glands, viz. thymus, thyroid, adrenal, prostate, pancreas and gonads.
- F. Longest Cell: Neurons (nerve cells)
- G. Minimum distance for proper vision: 25 cm
- H. Pulse rate: 72 per minute
- I. Thinnest Skin: Eyelids
- J. pH of Blood: 7.36-7.41
- K. Largest and strongest Bone in the body: Femur (thigh bone)
- L. Smallest Bone in the body: Stapes in ear

**Note:- VITAMINS AND MINERAL DEFICIENCY DISEASES:**

- 1. Anaemia:** It is caused due to deficiency of mineral Iron.
- 2. Ariboflavinosis:** It is caused due to deficiency of Vitamin B2.
- 3. BeriBeri:** It is caused due to deficiency of Vitamin B.
- 4. Goitre:** It is caused due to deficiency of Iodine.
- 5. Impaired clotting of the blood:** It is caused due to deficiency of Vitamin K.
- 6. Kwashiorkor:** It is caused due to deficiency of Protein.
- 7. Night Blindness:** It is caused due to deficiency of Vitamin A.
- 8. Osteoporosis:** It is caused due to deficiency of mineral Calcium.
- 9. Rickets:** It is caused due to deficiency of Vitamin D.
- 10. Scurvy:** It is caused due to deficiency of Vitamin C.