

1. What is the body temperature of a normal man?
  - A. 81.1oC
  - B. 36.9oC
  - C. 98.6oC
  - D. 21.7oC
2. Which of the following helps in clotting of blood?
  - A. Vitamin B1
  - B. Vitamin B2
  - C. Vitamin D
  - D. Vitamin K
3. Total volume of blood in a normal adult human being is
  - A. 5-6 liters
  - B. 3-4 liters
  - C. 8-10 liters
  - D. 10-12 liters
4. Red blood corpuscles are formed in the
  - A. Liver
  - B. Bone marrow
  - C. Kidneys
  - D. Heart
5. How many bones are there in an adult human being?
  - A. 210
  - B. 260
  - C. 206
  - D. 300
6. The pancreas secretes
  - A. Insulin
  - B. Bile juice
  - C. Peptic juice
  - D. None of these
7. Tibia is a bone found in the
  - A. Skull
  - B. Arm
  - C. Leg
  - D. Face
8. The largest part of the human brain is the
  - A. Medulla oblongata
  - B. Cerebellum
  - C. Cerebrum
  - D. None of these
9. What is the main component of bones and teeth?
  - A. Calcium carbonate
  - B. Calcium phosphate

- C. Calcium sulphate
  - D. Calcium nitrate
10. The main constituent of hemoglobin is
- A. Chlorine
  - B. Iron
  - C. Calcium
  - D. None of these

11. The main function of the kidney is
- A. To control blood pressure
  - B. To control body temperature
  - C. To remove waste product from the body
  - D. To help in digestion of food

12. The function of hemoglobin is
- A. Transportation of oxygen
  - B. Destruction of bacteria
  - C. Prevention of anemia
  - D. Utilization of energy

Answers

1. b 2. d 3. a 4. b 5. c  
6. a 7. c 8. c 9. b 10. b

11. c 12.

13. Which of the following glands secrete tears?

- A. Lachrymal
- B. Pituitary
- C. Thyroid
- D. Pancreas

14. Which is the largest gland in the human body?

- A. Thyroid
- B. Liver
- C. Pancreas
- D. None of these

15. Which is the largest organ in the human body?

- A. Liver
- B. Heart
- C. Skin
- D. Kidney

16. A person of which of the following blood groups is called a universal donor?

- A. O
- B. AB
- C. A
- D. B

17. Which gland in the human body is called the master gland?

- A. Pancreas
  - B. Thyroid
  - C. Pituitary
  - D. Spleen
18. How many bones are there in a newly born infant?
- A. 206
  - B. 230
  - C. 280
  - D. 300
19. Which of the following have maximum calorific value?
- A. Carbohydrates
  - B. Fats
  - C. Proteins
  - D. Vitamins
20. Which of the following vitamins promote healthy functioning of eyes in human beings?
- A. Vitamin B
  - B. Vitamin C
  - C. Vitamin A
  - D. Vitamin D
21. The average heartbeat per minute in a normal man is
- A. 50
  - B. 70
  - C. 80
  - D. 100
22. A person with which of the following blood groups can receive blood of any group?
- A. A
  - B. AB
  - C. B
  - D. O
23. Malaria is a disease which effects the
- A. Heart
  - B. Lungs
  - C. Spleen
  - D. Kidneys
24. Which of the following diseases is caused by virus?
- A. Small pox
  - B. Tuberculosis
  - C. Malaria
  - D. Cholera
25. Medulla oblongata is a part of human
- A. Heart
  - B. Brain

C. Liver

D. Sex organ

a 13. a 14. b 15. c

16. a 17. c 18. d 19. a 20. c

21. b 22. b 23. c 24. a 25. B

26. Choose the correct combination

a. Typewriter: Remington

b. Dynamite: Dunlop

c. Evolution: Darwin

d. Aeroplane: Harway

27. Who invented the ball point pen?

a. Waterman

b. Oscar

c. Wilson

d. Lazlo Biro

28. Blaise Pascal is associated with

a. Calculating machine

b. Computer

c. Cinema

d. None of these

29. Wright Brothers are regarded inventors of the

a. Balloon

b. Bicycle

c. Aeroplane

d. None of these

30. Which of the following pairs is incorrect?

a. Roentgen: X-ray

b. Newton: Law of gravitation

c. Faraday: Diffusion of gases

d. Pasteur: Bacteriology

31. Philology is the

a. Study of bones

b. Study of muscles

c. Study of architecture

d. Study of languages

32. Anatomy is the branch of science which deals with

a. Structure of animals and plants

b. Functioning of body organs

c. Animal behavior

d. Cells and tissues

33. Study of earthquakes is known as

- a. Ecology
  - b. Seismology
  - c. Numismatics
  - d. None of these
34. Ecology deals with
- a. Birds
  - b. Cell formation
  - c. Relation between Organisms and their environment
  - d. Tissues
35. Meteorology is the science of
- a. Weather
  - b. Meteors
  - c. Metals
  - d. Earthquakes
36. Oncology is the study of
- a. Birds
  - b. Cancer
  - c. Mammals
  - d. Soil
37. Study of life in outer space is known as
- a. Endobiology
  - b. Exobiology
  - c. Enterobiology
  - d. Neobiology
38. Numismatics is the study of
- a. Coins
  - b. Numbers
  - c. Stamps
  - d. Space
39. Eugenics is the study of
- a. Altering humans beings by changing their genetic components
  - b. People of European origin
  - c. Different races of mankind
  - d. Genetics of plants
40. Ornithology is the
- a. Study of bones
  - b. Study of birds
  - c. Study of smells
  - d. None of these
41. Who invented the Doctor's thermometer?
- a. Fahrenheit
  - b. Edison

- c. Galileo
  - d. None of these
42. The velocity of light was first measured by
- a. Einstein
  - b. Newton
  - c. Romer
  - d. Galileo
43. Who proposed the chemical evolution of life?
- c. Haechel .
44. The telephone was invented by
- b. Alexander Graham Bell
45. Who among the following evolved the concept of relationship between mass and energy?
- a. Einstein
48. Robert Koch worked on
- a. Tuberculosis
49. Who discovered Uranus?
- a. Herschel
50. Who among the following is associated with the invention of computers?
- b. Babbage

**ANSWERS**

26. c 27. d 28. a 29. c 30. c  
 31. d 32. a 33. b 34. c 35. a  
 36. b 37. b 38. a 39. a 40. b  
 41. a 42. c 43. c 44. b 45. a  
 46. d 47. c 48. a 49. a 50. b

**Everyday Science important Questions**

**1. Water is heated in a kettle. The inside water is heated by convection. A person sitting near the fire receives heat by :**

- a) Conduction
- b) Convection**
- c) Radiation
- d) Reflection
- e) None of these

**2. A time can come when we will be able to design a machine which can go on working for ever without the expenditure of energy. Is it possible ?**

- a) No**
- b) Yes
- c) In due course time
- d) Very soon
- e) None of these

**3. The measurement of rainfall is made by an instrument known as :**

- a) Hydrometer
- b) Barometer
- c) Hygrometer
- d) Pedometer

**e) None of these**

**4. Light year is a unit of :**

**a) Distance**

- b) Time Period
- c) Light intensity
- d) Time
- e) none of these

**5. Three elements needed for the healthy growth of plants are :**

**a) N,P,K**

- b) N,C,P
- c) N,K,C
- d) N,S,P
- e) none of these

**6. Copper can be converted into gold by :**

a) Heating

**b) Artificial Radioactivity**

- c) Electroplating
- d) Chemical reaction
- e) None of these

**7. In winter an iron pipe feel colder than a wooden window . This is because wood is :**

a) Conductor

**b) non-Conductor**

- c) Semi- Conductor
- d) Not a solid while iron is a solid
- e) None of these

**8. The echo (reflected sound) will be distinctly heard only at ordinary temperatures if the distance of the reflecting surfaces from the source of sound is at least :**

a) 1120 ft

b) 120 ft

**c) 56ft**

- d) 100 ft
- e) None of these

**9. It is possible to recognize a person in the dark by simply hearing his unique voice . It is because of the:**

**a) pitch**

- b) Frequency
- c) Time period
- d) Quality
- e) None of these

**10. When a ray of sunlight enters a dark room , its straight path become visible because of dust particles hanging in the air. It is because light is :**

- a) Visible**
- B) Transparent
- c) Invisible
- d) opaque
- e) None of these

**11. A six feet tall lady wants to see her full image in a plane mirror . The minimum length of the mirror will be :**

- a) 6 feet
- b) 12 feet
- c) 4 feet
- d) 3 feet**
- e) None of these

**12. The principle used in radar is the same as that of Sonar. In radar we use radio waves ; whereas in sonar we use :**

- A) red waves
- b) Infrared waves
- c) Ultrasonic**
- d) super sonic
- e) None of these

**13. In a fission nuclear reaction , a heavy nucleus breaks up into smaller nuclei whereas in another nuclear reaction two or more than two possibly nuclei are fused to form a heavy nucleus This nuclear reaction is called :**

- a) Chemical Reaction
- b) Nuclear reaction
- c) Fission nuclear reaction
- d) Fusion nuclear reaction**
- e) None of these

**14. Parsec is a unit of :**

- a) Energy
- b) Time
- c) Power
- d) Distance**
- e) None of these

**15. German Silver is an alloy of:**

- A) Zn + Ni
- b) Cu + Zn
- c) Cu + Ni**
- d) Cu + Sn
- e) None of these

**16. The Continent Antarctica lies at the:**



a) North pole

**b) South pole**

c) middle of the earth

d) Equator

e) None of these

17. The temperature of the dead body is:

a) 0 'C

b) 37 '

c) room temperature

**d) temperature of the place where it is kept**

e) None of these

**18. Lactometer is a type of Hydrometer which is used to measure the specific gravity of :**

a) Honey

b) Water

**c) Milk**

d) olive oil

e) None of these

**19. Cusec is a unit of :**

a) Area

b) Time

c) Distance

d) mass

**e) None of these**

**20. The deepest place on earth is :**

a) Trench

**b) Mariana Trench**

c) Mangrove

d) Groove

e) None of these

21. Twinkling of stars is caused by :

a) Reflection of light

b) Polarization of light

**c) refraction of light**

d) Interference of light

e) None of these

**22. Magnifying power of a simple microscope can be increased by :**

**a) increasing focal length of the lens**

b) Decreasing focal length of the lens

c) Lens of large aperture

d) lens of short aperture

e) None of these

**23. Bronze medal is made up of metal :**

- a) Copper , Zinc
- b) Copper , Nickle
- c) Copper , Tin**
- d) Sopper , Silver

**24. One of the countries through which equator passes is :**

- a) Kenya**
- B) Pakistan
- c) Malaysia**
- d) Malta
- e) None of these

**25. A very important practical application of properties of matter is hoeing or “godi” practiced by the farmers. This property of matter is called:**

- a) Elasticity
- b) Stress
- c) Capillarity**
- d) Strain
- e) None of these

### importance of Vitamins

Deficiency of vitamin A causes dryness of skin and night blindness

- Skin food is Vitamin C
- Vitamin C is also called Ascorbic Acid it prevents scurvy
- Vitamin C is also necessary for utilization of iron
- The food which contains largest amount of Vitamin C is tomato
- Cod liver oil contains Vitamin D
- Collagen is the substance that gives elasticity to skin
- Vitamin E promotes oxygenation and acts as anti aging
- Carbon dioxide we release comes from food we eat
- Vitamin B2 has what other name Riboflavin
- Fats are made of carbon, hydrogen and oxygen
- Vitamin E is called anti-aging agent
- Vitamin E helps in fertility process
- Vitamin B helps maintain normal appetite and good digestion
- Protein found in milk is Casein, in beans is Legumes, in meat is myosin and in eggs is albumin
- Water soluble vitamin are B and C and all other are fat soluble
- Vitamin A is stored as Ester in liver
- Vitamin A is found in carotene bearing plants
- Vitamin K helps to form prothrombin (fibrinogen) one of the enzymes helpful in blood clotting
- Vitamin E is necessary for iron utilization; normal reproductive function. Vitamin E is for reproduction.
- Vitamin A is found in Dairy products

- Deficiency of Vitamin A causes Night blindness.
- Too much presence of the Potassium salt in human blood increase the risk of heart attack.
- The lack of calcium in the diet causes what condition-Rickets
- Celluloses are carbohydrates.
- Milk contains lactose.
- Vitamin C is a preventor of infectious disease
- Vitamin C is also called Skin food
- Vitamin C can easily be lost in cooking and food storage
- Vitamin D is essential for calcium metabolism.
- Vitamin C hastens healing of wounds
- Vitamin capable of formation of blood is B12
- Riches source of Vitamin D is cod liver oil
- Riches source of Vitamin A is eggs
- Deficiency of Calcium leads to rickets
- Vitamin B1 is available in yeast.
- Scurvy, arising due to deficiency of vitamin C, it is related to Gastro-intestinal disorder.
- Sodium is necessary of nervous system.
- Vitamin D is essential for calcium metabolism.
- Cheese contains vitamin D.
- Vitamin C can not be stored in human body.
- Scurvy, arising due to deficiency of vitamin C, it is related to Gastro-intestinal disorder.
- Sodium is necessary of nervous system.
- Ground nut has maximum protein
- Digestion of fat in intestine is aided by Emulsification
- Hair, finger nails, hoofs, etc are all made of protein
- Deficiency of sodium and potassium causes muscular cramps, headache and diarrhoea
- Milk contains 80% water
- Milk is a complete food.
- Cheese contains vitamin D.
- Vitamin E is for reproduction.
- Deficiency of Thiamine causes Beri Beri.
- Glucose is the source of energy for human brain.
- Major component of honey is Glucose
- Three main food nutrients are carbohydrates, protein and fats. Other are vitamins and minerals
- Meat is rich in iron we need to make blood cells
- Eating of coconut increases man's mental faculties
- Food poisoning can result from the eating of too much toadstools.
- Vitamin c is also known as Ascorbic Acid.
- Celluloses are carbohydrates.
- Milk contains lactose
- Ascorbic acid is essential for the formation of bones and teeth.
- Citric acid is a good substitution for ascorbic acid in our nutrition.

- A guava contains more vitamin C than an orange
- Vitamin not stored in human body.....C