

Solved 50 Everyday Science MCQs for Job Tests

You may also like [MCQs on Scientific Instruments](#).

1. The most important stimulant in tea leaves is ____

- (a) Brucine
- (b) caffeine**
- (c) Phenylalanine
- (d) Theine

2. Dolly is the name of the ____

- (a) First cloned sheep**
- (b) First cloned monkey
- (c) First test-tube baby
- (d) First human fossil

3. Which part of the camera is analogue to the retina in the human eye?

- (a) Lens
- (b) Film**
- (c) Aperture
- (d) Shutter

4. When a person enters a dark room from the bright light he is not able to see clearly for a little while because of the _____

- (a) Eye is unable to adjust itself immediately
- (b) Retina becomes insensitive momentarily
- (c) Iris is unable to dilate the pupil immediately**
- (d) The distance between the lens and retina take time to adjust

5. What is the average adult pulse rate?

- (a) 140-150
- (b) 115-125
- (c) 72-80**
- (d) 60

ilmihub.com

6. The beautiful colour patterns exhibited by a peacock in its tail feathers are due to

- (a) Selective absorption of light**
- (b) Selective reflection of light
- (c) Interference of light
- (d) The natural colour pattern of feathers

7. A lake starts freezing because of the cold atmosphere. It will first freeze _____

- (a) At the bottom
- (b) in the middle part
- (c) At the top surface**
- (d) Uniformly throughout the water body

8. The sun appears red at sunrise and sunset while it appears white at noon because

- (a) Of refraction
- (b) It is cooler at sunrise and at sunset
- (c) Of diffraction leading to red and of the spectrum reaching the earth
- (d) Of scattering of light due to dust particles and air molecules**

9. An astronaut inside a spacecraft is in a state of weightlessness. This implies that

- (a) The mass of the astronaut is reduced to zero
- (b) Gravity inside the spacecraft ceases to act
- (c) The astronaut is outside the influence of the earth's gravitational force
- (d) The astronaut and the spacecraft are both in a free-falling state**

10. An iceberg is floating in the sea. How much of its mass will remain above the surface of the water?

- (a) One tenth**
- (b) One fifth
- (c) One fourth
- (d) One third

11. Most of the ozone in the atmosphere is concentrated in the ____

- (a) Mesosphere
- (b) Troposphere
- (c) Stratosphere**
- (d) Ionosphere

12. The cow's milk contains how much amount of water in terms of percentage?

- (a) 60%
- (b) 65%
- (c) 72%
- (d) 30%**

13. T.V. transmission cannot cover a very large area because

- (a) the strength of T.V. waves is very limited
- (b) the picture cannot be transmitted steady after a specific distance
- (c) the shape of the earth is spherical**
- (d) the air is not a good conductor of light and sound/waves

14. The Green House Effect is caused by an excess of

- (a) Carbon dioxide**
- (b) Carbon monoxide
- (c) Carbon tetrachloride
- (d) None of the above

15. Bats can also fly in the dark because they are capable of taking the help of _____

- (a) ultraviolet waves
- (b) Ultrasonic Waves**
- (c) Electromagnetic Waves
- (d) Special Retina

16. What is 'Stealth Technology'?

- (a) A device which when attached to an aircraft makes it invisible on the radar
- (b) A coating which reduces the visibility of an aircraft on a radar**
- (c) A technology by which it is possible for the aircrafts to spy on the enemy air-space
- (d) A technology by using which paratroopers can be dropped stealthily behind the enemy columns.

17. The primary function of the feathers in birds is to

- (a) Provide insulation for preserving body heat
- (b) Provide striking surface to the wings for flying**
- (c) Make the body surface waterproof
- (d) impart colouration for species as well as sex recognition

18. The rear-view mirror of a motor vehicle is ____

- (a) Concave
- (b) Plane
- (c) Convex**
- (d) Biconcave

19. Lead ball falls through water more slowly than through air because of ____

- (a) The value of 'g' is less in water
- (b) Density of air is less than that of water
- (c) Of the viscous force in water**
- (d) Of the surface tension of water

20. A Fahrenheit thermometer indicates a temperature of 14°F . It's corresponding reading on the Celsius scale will be

- (a) 20°C
- (b) -10°C**
- (c) $+10^{\circ}\text{C}$
- (d) $+20^{\circ}\text{C}$

21. Which one of the following sets of colour combinations is added in colour vision on TV?

- (a) Red, green and blue**
- (b) Orange, black and violet
- (c) White, red and yellow
- (d) Yellow, green and blue

22. A train goes past a railway station at a high speed. A young boy standing on the edge of the platform is likely to _____

- (a) Remain unaffected
- (b) Fall away from the train
- (c) Fall towards the train**
- (d) Fall away from or towards the train depending upon the speed

23. Water is a highly effective coolant for a car engine because of _____

- (a) Water is good conductor of heat**
- (b) Water has very high specific heat capacity
- (c) Water boils at a comparatively high temperature
- (d) Evaporation of water produces a lot of cooling

24. Scalding with steam is more severe than scalding by boiling water because

- (a) Steam can penetrate the skin
- (b) Steam is at a higher temperature
- (c) Steam contains more energy than boiling water**
- (d) Steam is at a higher pressure

25. In order to prevent the corrosion of iron pipes, they are often coated with a layer of zinc. This process is termed as ____

- (a) Electroplating
- (b) Annealing
- (c) Galvanisation**
- (d) Vulcanisation

26. The cracking sound heard when dry hair is combed with a hard rubber comb is due to ____

- (a) The hair barging against the charged comb
- (b) Small electric sparks
- (c) The rubbing of the comb with the hair
- (d) None of the above**

27. Detergents dissolved in water help in cleaning clothes by

- (a) Increasing the temperature of water
- (b) Reacting chemically with dirt
- (c) Reducing the surface tension of water**
- (d) Dissolving dirt

28. The absorption of ink by blotting paper involves

- (a) Viscosity of ink
- (b) Capillary action phenomenon**
- (c) Diffusion of ink through the blotting
- (d) Siphon action

29. Materials for rain-proof coats and tents owe their waterproof properties to _____

- (a) Surface tension**
- (b) Viscosity
- (c) Specific gravity
- (d) Elasticity

30. A satellite moving around the earth with a uniform speed has _____

- (a) An accelerated motion
- (b) No acceleration at all
- (c) Uniform acceleration**
- (d) Uneven acceleration

31. For being able to see three-dimensional pictures we have to use _____

- (a) A binocular
- (b) A camera
- (c) An epidiascope**
- (d) A stereoscope

32. Water has a maximum density at _____

- (a) 0°C
- (b) 4°C**
- (c) 4°K
- (d) 43°C

33. The theory of Expanding Universe was first propounded by

- (a) Einstein
- (b) Newton
- (c) Galileo
- (d) Hubble**

ilmihub.com

34. An instrument to detect the purity of milk is

- (a) Lactometer**
- (b) Hygrometer
- (c) Manometer
- (d) Sonometer

35. Consider the following statements: If there was no capillarity

1. It would be impossible to use a kerosene lamp.
2. One would not be able to use a straw to consume a soft drink.
3. The blotting paper would fail to function.
4. There would have been no plants on earth.

of the statements

- (a) 1, 2 and 3 are correct
- (b) 2 and 4 are correct
- (c) 1, 2, 3 and 4 are correct
- (d) 1, 3 and 4 are correct**

ilmihub.com

36. Water vapour beyond the dew point result in _____

- (a) Precipitation
- (b) Hailstorm
- (c) Condensation**
- (d) Formation of ice

37. The main chemical substance present in the bones and teeth of animals is _____

- (a) Sodium Chloride
- (b) Sugar
- (c) Calcium Phosphate**
- (d) Calcium sulphate

38. The major component of honey is _____

(a) Glucose

(b) Sucrose

(c) Maltose

(d) Fructose

39. The working principle of a washing machine is

(a) Centrifugation

(b) Dialysis

(c) Reverse osmosis

(d) Diffusion

40. Radioactivity was first discovered by _____

(a) Pasteur

(b) Newton

(c) Watson

(d) Henry Becquerel

41. Which gas is commonly used in balloons and airships?

(a) Hydrogen

(b) Helium

(c) Carbon

(d) Hydrogen Sulphide

42. A slow-running pendulum clock can be speeded up by ____

- (a) Increasing the length of the rod
- (b) Increasing the weight of the bob
- (c) Reducing the length of the rod**
- (d) Reducing the weight of the bob

43. A man is standing on a weighing machine in a lift which is moving. The weighing machine will show a MINIMUM reading when the lift is moving ____

- (a) Upward with uniform speed
- (b) Downward with uniform acceleration
- (c) Upward with uniform acceleration
- (d) In a free fall due to the failure of the lift mechanism**

44. The approximate intensity level of the sound which can cause damage to the eardrum is ____

- (a) 20 dB
- (b) 60 dB
- (c) 100 dB**
- (d) 160 dB

45. Fuse wire is made of

- (a) 63% tin and 37% lead**
- (b) 63% lead and 37% tin
- (c) 63% tin and 37% aluminium
- (d) 63% lead and 37% aluminium

46. Which one of the following is the main culprit in the thinning of the Ozone layer in the earth's stratosphere?

- (a) Carbon dioxide
- (b) Chlorofluorocarbons
- (c) Nitrogen oxides**
- (d) Methane

47. Steering of a car involves

- (a) A single force
- (b) Two forces acting in the same direction
- (c) Two forces acting along different lines and in opposite direction
- (d) A pair of forces acting along the same line and in opposite direction**

48. The property by virtue of which metals be beaten into thin sheets is known as _____

- (a) Ductility
- (b) Malleability**
- (c) Conductivity
- (d) Density

49. The sky appears blue because of the earth's atmosphere ____

- (a) Scatters blue light
- (b) Reflects blue light**
- (c) Transmits blue light
- (d) Has actual blue cover

50. A tight-rope walker carries a long pole which he holds across his body. The purpose of this pole is to _____

- (a) Prop him up if he falls
- (b) Spread out his weight and reduce the pressure on the rope
- (c) Add extra weight to keep the rope tightly stretched
- (d) To keep the centre of gravity always vertically above the rope**