



RRB NTPC SCIENCE QUESTIONS

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Instructions

For the following questions answer them individually

Question 1

The filament of a light bulb is made up of

- A Platinum
- B Tantalum
- C Tungsten
- D Antimony

Answer: C

Question 2

What is the gravitational force exerted on a mass, called?

- A Stress
- B Inertia
- C Weight
- D Work

Answer: C

Question 3

The technology developed to track enemy submarines in World War II was

- A RADAR
- B SONAR
- C Echolocation
- D LIDAR

Answer: B

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Question 4

Infra-red rays are

- A Longitudinal waves
- B Transverse waves
- C Mechanical waves
- D Electromagnetic waves

Answer: D

Question 5

What will happen to a person's weight when he is in a moving elevator?

- A Increase
- B Decrease
- C Weight will not change
- D May increase or decrease

Answer: C

Question 6

Motion of a spinning 'top' is an example of

- A Centripetal Force
- B Centrifugal Force
- C Gravitational Force
- D Frictional Force

Answer: A

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Question 7

What are the waves that are used to penetrate solids and are used by doctors and at airports?

- A Sound wave
- B X-rays
- C Electro magnetic
- D Mechanical

Answer: B

Question 8

Rate of heat conduction in solids does not depend on

- A Density of the material
- B Dimensions of the material
- C Friction
- D Electronic configuration

Answer: C

Question 9

Echocardiogram is more closely related to

- A** Doppler effect
- B** Zeeman effect
- C** Photoelectric effect
- D** Magnetic effect

Answer: A

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Question 10

Velocity of a car does not depend on

- A** Speedometer
- B** Change in direction
- C** Change in speed
- D** Change in acceleration

Answer: A

Question 11

In 1831, electricity became viable for use in technology when _____ created the electric dynamo.

- A** Benjamin Franklin
- B** Alessandro Volta
- C** Michael Faraday
- D** Thomas Edison

Answer: C

Question 12

The building up and movement of ships is based on:

- A** Archimedes' principle
- B** Faradays laws
- C** Fleming's right hand rule
- D** Newton's 2nd law of motion

Answer: A

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Question 13

Which unit is used to measure Noise?

- A Decibel
- B Hertz
- C Ohm
- D Volt

Answer: A

Question 14

..... are atoms/molecules/ions containing the same number of electrons.

- A Isotones
- B Isotopes
- C Isoelectronic
- D Valence Isoelectronic

Answer: C

Question 15

Mirages are formed primarily due to _____ of light.

- A Reflection
- B Diffusion
- C Refraction
- D Scattering

Answer: C

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Question 16

The speed of light in vacuum is estimated as _____ meters / second.

- A 3.00×10^8
- B 3.10×10^8
- C 3.12×10^8
- D 3.15×10^8

Answer: A

Question 17

Blotting paper absorbs ink due to

- A Coarse nature of paper
- B Osmosis

C Capillary action

D Siphoning

Answer: C

Question 18

Pressure is measured in terms of

A Mass & Density

B Work done

C Force and Area

D Force and Distance

Answer: C

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Question 19

Which instrument is used for viewing the sun?

A Stroboscope

B Telescope

C Helioscope

D Sun meter

Answer: C

Question 20

The instrument used to regulate temperature to a particular degree is called

A Thermostat

B Thermometer

C Pyrometer

D Thermocouple

Answer: A

Question 21

'Gallon' is commonly used

A To refer to speed.

B To refer to a container.

C As a measure of volume.

D To express containers in terms of barrel.

Answer: C

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Question 22

The instrument used to determine the rotation speed of a shaft is called

- A** Speedometer
- B** Tachometer
- C** Anemometer
- D** Chronometer

Answer: B

Question 23

AC is converted into DC by a

- A** Condenser
- B** Rectifier
- C** Amplifier
- D** Filter

Answer: B

Question 24

How much is one decalitre?

- A** 10 kilolitre
- B** 10 litre
- C** 100 litre
- D** 10 centilitre

Answer: B

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Question 25

The function of the lens in our eyes is to

- A** Cover the eyes
- B** Send messages of images to the brain
- C** Change the focal distance of the eye
- D** Protects eyes from injury.

Answer: C

Question 26

On an average, how many taste buds are present in a human tongue?

- A** 2000 to 8000
- B** 50000 to 100000
- C** 1 million to 10 million
- D** More than 10 million

Answer: A

Question 27

Which of the following species doesn't breed through budding?

- A** Coral
- B** Hydra
- C** Sponges
- D** Annelido

Answer: D

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Question 28

Who were the first hominids to be categorized as Homo Sapiens?

- A** Ergaster Line
- B** Cro-magnon
- C** Neanderthal
- D** Proconsul

Answer: B

Question 29

Which of the following is NOT an effect of Noise Pollution?

- A** Death of Animals
- B** Tinnitus
- C** Hypertension
- D** Ozone Depletion

Answer: D

Question 30

What is Geotropism?

- A** Growth of plants in response to Gravity
- B** Growth of plants in response to Sunlight
- C** Growth of plants in response to Nutrients
- D** Growth of plants in response to Water

Answer: A

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Question 31

Which of the following gases in air is responsible for the discoloration of Brass?

- A** Hydrogen Sulphide
- B** Carbon Dioxide
- C** Nitrogen
- D** Carbon Monoxide

Answer: A

Question 32

What are Vivipara?

- A** Vertebrates that are born live
- B** Type of cactus
- C** Type of algae
- D** A mollusk

Answer: A

Question 33

What is Oneirology, the study of?

- A** Gods
- B** Dreams
- C** Sleep
- D** Colour

Answer: B

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Question 34

What is an interstellar cloud of dust, hydrogen, helium and other ionized gases called?

- A Galaxy
- B Supernova
- C Nebula
- D Black Hole

Answer: C

Question 35

What plant has the scientific name Solanum Tuberosum?

- A Potato
- B Tomato
- C Pumpkin
- D Onion

Answer: A

Question 36

A human adult's entire digestive tract from mouth to anus is about _____meters long.

- A 8
- B 7
- C 10
- D 9

Answer: D



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Question 37

Human respiration releases

- A Mixture of gases
- B Carbon monoxide
- C Oxygen
- D Carbon dioxide

Answer: D

Question 38

Usually, colour blindness is

- A** A genetic disposition.
- B** A non-genetic condition.
- C** A lifestyle disease.
- D** Caused by exposure to light.

Answer: A

Question 39

Leprosy is also known as

- A** Angina
- B** Hansen's disease
- C** Gaucher disease
- D** Hodgkin disease

Answer: B

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Question 40

Yeast used in making bread

- A** acts as a catalyst for fermentation.
- B** does not help the process of fermentation.
- C** makes it tasty.
- D** acts as a preservative.

Answer: A

Question 41

Which is the fastest land animal in the World?

- A** Dog
- B** Cheetah
- C** Tiger
- D** Horse

Answer: B

Question 42

What is the sound made by seal called?

- A** Bark
- B** Moo

C Screech

D Growl

Answer: A

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Question 43

How many litres of blood does an adult body have?

A 3

B 4

C 5

D 6

Answer: C

Question 44

The energy which we get from food is measured in

A Calories

B Kelvin

C Fat

D Amperes

Answer: A

Question 45

The disease cirrhosis affects which organ in the body?

A Brain

B Liver

C Heart

D Kidney

Answer: B

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Question 46

Evaporation of water from leaves of a plant is called

A Transpiration

B Respiration

C Perspiration

D Evaporation

Answer: A

Question 47

..... is the process of absorption of moisture from air.

A Deliquescence

B Capillary action

C Absorption

D Osmosis

Answer: A

Question 48

The process of optimizing fat content in milk is called

A Vitamin fortification

B Pasteurization

C Standardization

D Homogenization

Answer: C

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Question 49

Taxonomy is basically related to

A Biodiversity

B Tax structure

C A branch of astronomy

D Study of human behaviour

Answer: A

Question 50

Inflammation of the mucous membrane is called

A Bronchitis

B Hepatitis

C Iritis

D Gastritis

Answer: A

Question 51

..... is used as a stabilizer in ice cream.

- A** Gelatin
- B** Sugar
- C** Milk
- D** Strawberry

Answer: A

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Question 52

Retinol is mainly related to

- A** Vitamin A
- B** Vitamin B
- C** Vitamin C
- D** Vitamin D

Answer: A

Question 53

Sleep apnea is related to while sleeping.

- A** Walking
- B** Talking
- C** Snoring
- D** Smiling

Answer: C

Question 54

The process of reducing the milk fat globules size to allow them to stay evenly distributed in milk is called

- A** Standardization
- B** Pasteurization
- C** Homogenization
- D** Fortification

Answer: C

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Question 55

Which one reveals, more appropriately, functioning of the heart?

- A** Electrocardiogram
- B** Echocardiogram
- C** Stethoscope
- D** Lipid profile

Answer: B

Question 56

The gland in the human body which secretes both enzymes and hormones is:

- A** Liver
- B** Pancreas
- C** Salivary gland
- D** Pituitary

Answer: B

Question 57

Bloodless surgery is done with

- A** Lasers
- B** Microneedles
- C** Scalpels
- D** Fine scissors

Answer: A

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Question 58

The most recently discovered link in human evolution is the discovery of fossils of:

- A** Lucy
- B** Homo naledi
- C** Homo sapiens
- D** Austriopithecines

Answer: B

Question 59

Zeatin is produced in and transported to in the xylem where it promotes cell division.

- A** Shoots, Roots
- B** Roots, Shoots
- C** Stems, Leaves
- D** Leaves, Stems

Answer: B

Question 60

..... are the most intelligent mammals on earth.

- A** Dolphins
- B** Elephants
- C** Deer
- D** Hippos

Answer: A

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Question 61

Atmosphere of Venus mostly contains which of the following gases?

- A** Nitrogen
- B** Hydrogen
- C** Oxygen
- D** Carbon dioxide

Answer: D

Question 62

..... often referred to as shock treatment, is a psychiatric treatment in which seizures are electrically induced in patients to provide relief from psychiatric illnesses.

- A** Electromyography (EMG)
- B** Electrocardiogram (ECG)
- C** Electroencephalography (EEG)
- D** Electroconvulsive therapy (ECT)

Answer: D

Question 63

What is the measure of temperature considered as normal in human body?

- A** 95 degree F

- B** 97 degree F
- C** 98.6 degree F
- D** 96.8 degree F

Answer: C

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Question 64

Fertilisation of sperm with the ovum takes place in

- A** Uterus
- B** Cervix
- C** Fallopian Tube
- D** Ovary

Answer: C

Question 65

In human body, vertebrae are part of

- A** Intestine
- B** Liver
- C** Spinal cord
- D** Brain

Answer: C

Question 66

The instrument used to examine a person's digestive tract is called

- A** Oscilloscope
- B** Microscope
- C** Endoscope
- D** Radiograph

Answer: C

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Question 67

Curd contains mainly acid.

- A** Benzoic
- B** Fumaric

C Lactic

D Malic

Answer: C

Question 68

Least distance of distinct vision for normal eye is

A 15 cm

B 20 cm

C 25 cm

D 30 cm

Answer: C

Question 69

India's livestock disease monitoring and forecasting system is named as

A Cattle Safety Laboratory

B Animal Safety Laboratory

C Biosafety Laboratory

D Cattle Monitoring Laboratory

Answer: C

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Question 70

The O-T-C medicine Crocin is an

A Analgesic

B Antipyretic

C Analgesic and antipyretic

D Antiseptic

Answer: C

Question 71

Oncology is associated with treatment of

A Osteoporosis

B Diabetes

C Cancer

D Renal failure

Answer: C

Question 72

The richest source of Vitamin D from food is

- A** Cotton seed oil
- B** Olive oil
- C** Cod liver oil
- D** Sunflower oil

Answer: C



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Question 73

Between small and large human intestine which one is longer.

- A** Small intestine
- B** Large intestine
- C** Both are equal in length
- D** Depends on male or female

Answer: A

Question 74

Human nails are made of

- A** Pigment
- B** Elastin
- C** Albumin
- D** Keratin

Answer: D

Question 75

Name of the test for diagnosing HIV is?

- A** Pap Smear
- B** ELISA
- C** DNA

D Mantoux

Answer: B

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Question 76

Exobiology refers to

- A** Life in outer space.
- B** Life of animals.
- C** Life of plants.
- D** Life of human beings on earth.

Answer: A

Question 77

When a person can see only nearby objects, the condition is called

- A** Hypermetropia
- B** Astigmatism
- C** Myopia
- D** Retinopathy

Answer: C

Question 78

Science of the study of preserved remains or traces of Animals, plants, and other organisms from the remote past is called

- A** Anthropology
- B** Archaeology
- C** Paleontology
- D** Pharmacology

Answer: C

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Question 79

Where in the human body can you find the islets of Langerhans?

- A** Small intestine
- B** Pancreas
- C** Stomach

D Heart

Answer: B

Question 80

Pollination by wind is called?

A Hydrophily

B Pollinophily

C Anemophily

D Herbophily

Answer: C

Question 81

Which is the only organ in the human body that can regrow/regenerate?

A Spleen

B Brain

C Liver

D Pancreas

Answer: C

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Question 82

The only non-metal which is liquid at room temperature is

A Mercury

B Bromine

C Chlorine

D Gallium

Answer: B

Question 83

What is $C_{12}H_{22}O_{11}$ also known as:

A Sand

B Sugar

C Salt

D Clay

Answer: B

Question 84

The colour of solid Iodine is

- A White
- B Colorless
- C Purplish Grey to Black
- D Reddish Brown

Answer: C

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Question 85

If the pH value of a substance is lower than 7, it would be considered as

- A Neutral
- B Base
- C Acid
- D Ion

Answer: C

Question 86

Which is the most abundant combustible natural gas?

- A Propane
- B Methane
- C Ethane
- D Butane

Answer: B

Question 87

What is C_6H_6

- A Hydro Carbon
- B Hydro Chloric Acid
- C Benzene
- D Toluene

Answer: C

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Question 88

Stainless steel is

- A** A compound.
- B** A mixture.
- C** An element.
- D** An alloy.

Answer: D

Question 89

The greenhouse gas which is called laughing gas is

- A** Methane
- B** Carbon dioxide
- C** Nitrous oxide
- D** Sulphur dioxide

Answer: C

Question 90

A generator converts

- A** mechanical energy into electrical energy.
- B** electrical energy into chemical energy.
- C** thermal energy into electrical energy.
- D** electrical energy into light energy.

Answer: A

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Question 91

When two liquids do not mix with each other to form a solution, what is it called?

- A** Solvent
- B** Solute
- C** Immiscible
- D** Decantation

Answer: C

Question 92

What is the process of slow cooling of hot glass called?

- A Annealing
- B Humidifying
- C Condensation
- D Decantation

Answer: A

Question 93

Milk of Magnesia is used as a

- A Laxative
- B Pain killer
- C Sedative
- D Antibiotic

Answer: A

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Question 94

What is the chemical name given of chalk?

- A Calcium Sulphate
- B Calcium Nitrate
- C Calcium Carbonate
- D Calcium Phosphide

Answer: C

Question 95

What is the chemical formula of Ozone?

- A O
- B O_2
- C O_3
- D O_4

Answer: C

Question 96

What are stars primarily made of?

- A Oxygen and Hydrogen
- B Hydrogen and Carbon

C Hydrogen and Helium

D Oxygen and Helium

Answer: C

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Question 97

Quartz used in clocks is

A Nitrogen silicate

B Silicon dioxide

C Sodium silicate

D Calcium silicate

Answer: B

Question 98

Freezing point of water is

A 40° F

B 42° F

C 34° F

D 32° F

Answer: D

Question 99

..... is used in refrigeration.

A Chlorofluorocarbon

B Carbon dioxide

C Nitrogen peroxide

D Ammonium oxide

Answer: A

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Question 100

Boiling point of water is

A 210°F

B 212°F

C 214°F

D 208°F

Answer: B

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