



## **Top 50 Science & Technology Questions For SSC Exam**

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### Instructions

For the following questions answer them individually

#### Question 1

A narrow strip of land that connects two larger land masses is called

- A peninsula
- B cape
- C isthmus
- D strait

Answer: C

#### Question 2

The process through which excess of light energy is dissipated in photosynthesis is known as

- A scavenging
- B photolysis
- C photophosphorylation
- D quenching

Answer: B

#### Question 3

The type of tail found in Shark is

- A homocercal
- B heterocercal
- C diphyccercal
- D protocercal

Answer: B

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#### Question 4

Alpha particle is the nucleus of an atom of

**A** hydrogen

**B** helium

**C** oxygen

**D** lithium

**Answer: B**

#### **Question 5**

**Silicon is a polymer of**

**A** Silicon tetrachloride

**B** Dialkyl dichloro silane

**C** Silane

**D** Tetraalkyl silane

**Answer: A**

#### **Question 6**

**Which bacterial strain developed from natural isolates by genetic manipulations can be used for treating oil spills?**

**A** Agrobacterium

**B** Clostridium

**C** Nitrosomonas

**D** Pseudomonas

**Answer: A**

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#### **Question 7**

**Coating of solid waste with impervious material is known as**

**A** Chemical fixation

**B** landfill

- C capping
- D encapsulation

**Answer: B**

**Question 8**

**The antiseptic compound present in dettol is called**

- A Iodine
- B Enloroxylenol
- C Biothional
- D Cresol

**Answer: B**

**Question 9**

**Genomic (DNA) studies in camel have been completed recently by the scientists of**

- A South Africa
- B India
- C China
- D Pakistan

**Answer: D**

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**Question 10**

**Air quality depicting PM 2.5 is more hazardous to**

- A Archeological Monuments
- B National Parks
- C Botanical Gardens
- D Old Men and Women

**Answer: D**

**Question 11**

**The fasting blood glucose level in adults in mg/100 ml is**

- A** 200
- B** 160
- C** 100
- D** 60

**Answer: C**

**Question 12**

**We feel cool when we sit near the fan, this is because**

- A** fan gives cool air.
- B** fan cools surrounding air.
- C** air evaporates the sweat on our body.
- D** we feel cool when air touches the body.

**Answer: C**

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**Question 13**

**Railway tracks are banked on curves so that :**

- A** the train may not fall down inwards.
- B** the weight of the train may be reduced.
- C** necessary centripetal force may be obtained from the horizontal component of the normal reaction due to track.
- D** no frictional force may be produced between the wheels and the track.

**Answer: C**

**Question 14**

**B-Diversity is also known as :**

- A Within habitat diversity
- B Ecosystem diversity
- C Global diversity
- D Between habitat diversity

**Answer: B**

**Question 15**

**A person can jump higher on the moon's surface than on the earth because :**

- A the moon's surface is rough
- B the acceleration due to gravity in moon is smaller than that on the earth.
- C the moon is cooler than earth
- D the moon has no atmosphere

**Answer: B**

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**Question 16**

**The mercury and sodium street lamps light up because of :**

- A Atomic emission
- B Atomic absorption
- C Electron emission
- D Electron absorption

**Answer: A**

**Question 17**

**PSW stands for**

- A Program status word
- B Processor status word
- C Process status word

**D** Primitive status word

**Answer:** A

**Question 18**

**When a helium atom loses an electron it becomes :**

**A** A negative helium ion

**B** A proton

**C** An alpha particle

**D** A positive helium ion

**Answer:** D

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**Question 19**

**Molybdenum deficiency affects the activity of :**

**A** All of the given options

**B** Chlorate reductase

**C** Nitrogenase

**D** Nitrate reductase

**Answer:** D

**Question 20**

**The velocity of sound in moist air is more than in dry air because the moist air has**

**A** less density than dry air.

**B** less pressure than dry air.

**C** more pressure than the air.

**D** more density than dry air.

**Answer:** A

**Question 21**

**One of the best solutions to get rid of non-biodegradable wastes is**

- A** Burning
- B** Dumping
- C** Burying
- D** Recycling

**Answer: D**

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**Question 22**

**The pollutant responsible for ozone holes is.....**

- A** CO<sub>2</sub>
- B** SO<sub>2</sub>
- C** CO
- D** CFC

**Answer: D**

**Question 23**

**The biggest single-celled organism is**

- A** Yeast
- B** Acetabularia
- C** Acetobacter
- D** Amoeba

**Answer: D**

**Question 24**

**The plant from which cocoa and chocolate are obtained is a**

- A** herb



- B** shrub
- C** small tree
- D** very big tree

**Answer:** B

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### **Question 25**

**What is the speciality of WINDOWS-NT?**

- A** supports real-time processing
- B** supports LAN and WAN
- C** supports Batch processing
- D** supports multi-processing

**Answer:** D

### **Question 26**

**The process of improving the quality of rubber by heating it with sulphur is called.**

- A** Vulcanization
- B** Acceleration
- C** Sulphonation
- D** Galvanization

**Answer:** A

### **Question 27**

**The metal used for making air-crafts and rockets is**

- A** Lead
- B** Aluminium
- C** Nickel
- D** Copper

**Answer: C**

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### **Question 28**

**The alkaloid naturally found in coffee, cocoa and cola nut is**

- A** Cocaine
- B** Morphine
- C** Tannin
- D** Caffeine

**Answer: D**

### **Question 29**

**Solitary cyrnose inflorescence is observed in**

- A** Rose
- B** Chinarose
- C** Tuberose
- D** Gardenia

**Answer: D**

### **Question 30**

**The excretory aperture in Paramoecium is known as**

- A** Cytopharynx
- B** Cytostome
- C** Cytopyge
- D** Cryptospere

**Answer: C**

**Question 31**

In which one of the following the phenomenon of total internal reflection of light is used ?

- A Formation of mirage
- B Working of binoculars
- C Formation of rainbow
- D Twinkling of stars

**Answer: C**

**Question 32**

Period of oscillation of 3 cm microwaves in seconds is

- A  $1 \times 10^{-10}$
- B  $1 \times 10^{-10}$
- C 0.01
- D 0.001

**Answer: B**

**Question 33**

Just born baby has the respiratory rate as

- A 32 times/minute
- B 26 times/minute
- C 18 times/minute
- D 15 times/minute

**Answer: A**

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**Question 34**

Vulcanized rubber contains sulphur

- A 2%

- B** 3-5%
- C** 7-9%
- D** 10-15%

**Answer: B**

**Question 35**

**Transpiration through leaves is called as**

- A** Cauline transpiration
- B** Foliar transpiration
- C** Cuticular transpiration
- D** Lenticular transpiration

**Answer: B**

**Question 36**

**What are the folds found in the mucous lining of the empty stomach ?**

- A** Typhlosole
- B** Areolae
- C** Rugae
- D** Villi

**Answer: C**

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**Question 37**

**Leaves of many grasses are capable of folding and unfolding because**

- A** their mesophyll is not differentiated into palisade and spongy parenchyma
- B** they have stomata on both sides of the leaf
- C** they have high levels of silica
- D** they have specialised bulliform cells

**Answer: D**

**Question 38**

**Pleura is the covering of**

- A** Lung
- B** Liver
- C** Kidney
- D** Heart

**Answer: A**

**Question 39**

**The moderator used in a nuclear reactor is**

- A** Uranium
- B** Radium,
- C** Ordinary water
- D** Graphite

**Answer: C**

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**Question 40**

**Solar eclipse occurs when**

- A** the Moon does not lie on the line joining the Sun and the Earth
- B** the Moon comes between the Sun and the Earth
- C** the Sun comes between the Moon and the Earth
- D** the Earth comes between the Moon and the Sun

**Answer: B**

**Question 41**

**Sun Lab's Java Car uses technology to keep your car networked with the world outside.**

- A embedded
- B spam
- C smart Screen
- D access Point

**Answer: A**

**Question 42**

**A spinning neutron star is known as**

- A White dwarf
- B Black hole
- C Pulsar
- D Quasar

**Answer: C**

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**Question 43**

**The type of kidneys present in frog are**

- A Mesonephros
- B Metanephros
- C Archinephros
- D Pronephros

**Answer: A**

**Question 44**

**The percentage of nitrogen present in ammonium sulphate is:**

- A 27%
- B 25%
- C 30.5%

**D** 18%

**Answer: A**

**Question 45**

**Which of the following is protected under Wildlife (Protection) Act, 1972?**

**A** Porcupine

**B** Gerbil

**C** Bandicoot rat

**D** Squirrel

**Answer: A**

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**Question 46**

**The biological process in which both aerobes and anaerobes degrade organic matter is**

**A** Manuring

**B** Composting

**C** Digesting

**D** Nitrifying

**Answer: B**

**Question 47**

**Intercalary meristems are found in**

**A** Node

**B** Lateral bud

**C** Terminal bud

**D** Inter node

**Answer: D**

**Question 48**

**Super conductors are substances that**

- A** offer minimum resistance to flow of electric current
- B** conduct electricity at low temperature
- C** conduct electricity at high temperature
- D** offer high resistance to the flow of electric current

**Answer: A**

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**Question 49**

**A thin oil film on a water surface appears coloured because of**

- A** reflection
- B** interference
- C** diffraction
- D** polarization

**Answer: B**

**Question 50**

**A tachometer is a device used to measure**

- A** gravitational pull
- B** speed of rotation
- C** surface tension
- D** dispersive power

**Answer: B**



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