



TOP-15 SSC General Science Questions PDF

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Instructions

For the following questions answer them individually

Question 1

The ability of small insects to walk on the water is due to which property of the water?

- A Vapour pressure
- B Viscosity
- C Capillarity
- D Surface tension

Answer: D

Question 2

Endoscope works based on which phenomenon?

- A Refraction of light
- B Total internal reflection of light
- C Diffraction of light
- D Scattering of light

Answer: B

Question 3

What is the SI unit of entropy?

- A Joule/Kelvin
- B Joule
- C Joule Kelvin
- D Kelvin/ Joule

Answer: A

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Question 4

The strength of the magnetic field produced by a solenoid depends on which factors?

- A Strength of the current & number of copper turns in a solenoid
- B Strength of the current & density of copper
- C Number of copper turns in a solenoid & density of copper
- D Temperature & length of the copper wire

Answer: A

Question 5

Which law states that the energy radiated by a black body is equal to the fourth power of its absolute temperature?

- A** Hooke's law
- B** Pascal's law
- C** Coloumb's law
- D** Stefan's law

Answer: D

Question 6

The ability to maintain internal stability in an organism despite changes in the external environment is called _____

- A** Evolution
- B** Metabolism
- C** Homeostasis
- D** Physiosis

Answer: C

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Question 7

Which force binds the elementary particles of the nucleus?

- A** Gravitational force
- B** Strong nuclear force
- C** Electromagnetic force
- D** Weak nuclear force

Answer: B

Question 8

What is the symptom of Goitre disease?

- A** Painful joints
- B** Red skin
- C** Vomiting
- D** Severe headache

Answer: A

Question 9

Which cell organelle does the function muscular contraction in animals?

- A** Ribosome
- B** Centrosome
- C** Vacuole
- D** Myofibril

Answer: D

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Question 10

Who has developed the process of vulcanization of rubber?

- A** Charles Goodyear
- B** Thomas Hancock
- C** Frank Seiberling
- D** Robert Fulton

Answer: A

Question 11

Which group consists of the highly reactive non-metals?

- A** Chalcogens
- B** Noble gases
- C** Halogens
- D** Pnictogens

Answer: C

Question 12

Beyond which atomic number all the chemical elements tend to be radioactive?

- A** 53
- B** 63
- C** 70
- D** 83

Answer: D

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Question 13

What is phosphorescence?

- A** Emission of radiation by a chemical element after exposure to heat
- B** Emission of radiation for a very short time by a chemical element after exposure to light
- C** Emission of radiation for a long time by a chemical element after exposure to light
- D** Emission of radiation for a little time by a chemical element after exposure to pressure

Answer: C

Question 14

Which rays have the highest penetrating power?

- A** Gamma rays
- B** Beta rays
- C** Alpha rays
- D** None of the above

Answer: A

Question 15

Duralumin is an alloy made by which metals?

- A** Aluminum, Tin & Lead
- B** Aluminum, Copper & Magnesium
- C** Aluminum, Silver & Zinc
- D** Aluminum, Platinum & Gold

Answer: B

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