

CSS 2023 General Science & Ability Solved MCQs

Here, you will CSS 2023 General Science & Ability paper Solved MCQs. These MCQs are collected by CSSMCQs registered users, therefore, some mcqs are not obtained yet. If you have appeared and remember the rest of the MCQs, please do share them with us in the comment box below.

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1. Electromagnetic waves, which are used for satellite communication, are _____

- A. Radio waves and Microwaves
- B. Infrared and Ultraviolet
- C. Gamma rays and X-rays
- D. Visible light and Radio waves

CORRECT: A

EXPLANATION: Radio waves and microwaves are electromagnetic radiations which are used in communication, particularly in satellite communication.

2. The formula for the total surface area of a

cone is

Lateral Surface Area =

- A. $\pi r(h + r)$
- B. $2\pi rh$
- C. $\pi r^2 + 2\pi rh$
- D. πr^2

CORRECT: C

EXPLANATION: The formula for the total surface area of a cone is $\pi r^2 + 2\pi rh$, where r is the radius and h is the height of the cone.

3. What does monochromatic mean?

- A. A variety of colours
- B. A single wavelength
- C. A single colour
- D. A variety of wavelengths

Correct: C

Explanation: Monochromatic means a single colour, as opposed to white light which is a combination of seven colours.

4. What is the mass of a neutron star compared to the mass of the Sun?

- A. 2.35 times greater
- B. 2.35 times lower
- C. Half of the Sun
- D. Twice of the Sun

CORRECT: A. 2.35 times greater

EXPLANATION: Neutron stars have a mass of about 2.35 times greater than the Sun.

5. What is the most dangerous infectious disease in the world, according to the World Health Organization (WHO)?

- A. Cholera
- B. Malaria
- C. Tuberculosis
- D. HIV/AIDS

Correct: C

Explanation: Tuberculosis (TB) is the most dangerous infectious disease in the world, according to the World Health Organization (WHO).

6. In presence of H_2O_2 , which of the following is more acidic?

- A. H_2O
- B. H_2O_2
- C. CO_2
- D. O_2

CORRECT: B

EXPLANATION: H_2O is acting as a base in the above reaction as it accepts the proton. Thus, in presence of H_2O_2 , water acts as a base and hence, hydrogen peroxide (H_2O_2) is more acidic.

7. What material is used to make LEDs?

- A. Silicon & Gallium arsenide
- B. Copper & Silver
- C. Gold & Silver
- D. Silver & Aluminum

Correct Answer: A

Explanation: Light Emitting Diodes (LEDs) are made of a layer of semiconductor material, usually a type of crystal, such as silicon or gallium arsenide, that is doped with impurities to create a layer of p-type material and a layer of n-type material.

8. What type of cloud is a cumulonimbus cloud?

- A. Stratus
- B. Cumulus
- C. Nimbostratus
- D. Cumulonimbus

Correct: D. Cumulonimbus

Explanation: Cumulonimbus clouds are large vertical clouds that are thick and mostly black and grey, and they indicate heavy rainfall, sometimes accompanied by storms or thunderstorms.

9. What is a Nematode?

- A. An insect
- B. A crustacean
- C. A mammal
- D. A worm

Correct: D. A worm

Explanation: Nematode, also called roundworm, any worm of the phylum Nematoda. Nematodes are among the most abundant animals on Earth.

10. Which of the following is not one of the five types of Hepatitis?

- A. Hepatitis F
- B. Hepatitis A
- C. Hepatitis C
- D. Hepatitis E

CORRECT: A. Hepatitis F

EXPLANATION: There are only five types of Hepatitis: A, B, C, D, and E. Hepatitis is both the name of a clinical condition - inflammation of the liver - and a collection of viruses that cause liver damage. Five types: Hepatitis A, B, C, D, and E.

11. What type of rock is marble?

- A. Igneous
- B. Metamorphic
- C. Sedimentary
- D. Volcanic

Correct: B. Metamorphic

Explanation: Marble is a metamorphic rock, which is formed when limestone is subjected to high heat and pressures.

12. What are synoptic weather charts used for?

- A. To predict the weather
- B. To identify air masses
- C. To locate pressure systems
- D. To detect areas of precipitation

Correct: A. To predict weather

Explanation: Synoptic weather charts are the primary tools used for weather forecasting and help in locating and identifying different air masses, pressure systems, fronts, and areas of precipitation.

Other MCQs will be updated soon over the course of the time, meanwhile, your contribution is highly commanded

Please note that These MCQs have been compiled by aspirants who took the CSS 2023 Exam. Please note that some of the questions may not be relevant to the current exam format and should not be relied upon for preparation. Although we have made every effort to ensure accuracy, there may be errors present. If you are confident that any information provided is incorrect, we welcome your contribution to help improve the accuracy of the material. Please note that while we strive for excellence, perfection may not always be achieved