



**National Officers Academy**  
**Mock Exams CSS-2025**  
**GENERAL KNOWLEDGE-I**  
**(GENERAL SCIENCE & ABILITY)**

**PART-I(MCQS): MAXIMUM 30 MINUTES**

**PART-I (MCQS) MAXIMUM MARKS = 20**

**NOTE: Part-I is Compulsory.**

**PART-I**

1. Which of the following is caused by bacteria?

A. Malaria

~~B. Tetanus~~

C. Cancer

D. None of these

2. When white light is passed through a prism, it splits into \_\_\_\_\_ colours.

(A) 5

(B) 6

~~(C) 7~~

(D) 8

3. X-rays were discovered by

(A) ~~Rontgen~~

(B) Thomson

(C) Rutherford

(D) Becquerel

4. In general, Comets have \_\_\_\_\_ orbits.

(A) Elliptical

(B) Highly elliptical

(C) Circular

~~(D) Parabolic~~

5. Blood is cleaned by

(A) Lungs

~~(B) Liver~~

(C) Heart

(D) Kidneys

6. The planet which is easily visible from the Earth is

(A) Mercury

~~(B) Venus~~

(C) Mars

(D) Jupiter

7. The bodyguard of the Earth is \_\_\_\_\_ that save the Earth from many Comets and Asteroids.

(A) Mars

(B) Saturn

(C) Uranus

~~(D) Jupiter~~

8. According to Big Bang Theory, the Universe began about \_\_\_\_\_ billion years ago.

(A) 10 – 20

(B) 20 – 30

(C) 30 – 40

~~(D) 40 – 50~~

9. Oxidation is a chemical reaction involving the

~~(A) Gain of Electrons~~

(B) Loss of Electrons

(C) Gain of Protons

(D) Loss of Protons

10. The lifespan of White Blood Cells is \_\_\_\_\_ day(s).

(A) 5-21

(B) 30-40

~~(C) 1-5~~

(D) None of these

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11. 1 nanometer =?

(A)  $10^{-3}$  meter

(B)  $10^{-6}$  meter

~~(C)  $10^{-9}$  meter~~

(D)  $10^{-12}$  meter

12. A camera uses a \_\_\_\_\_ to form an image.

~~(A) convex lens~~

(B) concave lens

(C) condenser lens

(D) none of these

13. The density of water is

~~(A) 1 g/cm<sup>3</sup>~~

(B) 1.5 g/cm<sup>3</sup>

(C) 2 g/cm<sup>3</sup>

(D) none of these

14. During winter in cold countries, the \_\_\_\_\_ is mixed to melt the ice on the icy roads.

~~(A) Salt~~

(B) Chlorine

(C) Carbon dioxide

(D) Water

15. The planet that moves round the Sun at the highest speed is

(A) Jupiter

(B) Venus

(C) Mars

~~(D) Mercury~~

16. The position of an element in the Periodic Table is determined by its \_\_\_\_\_ number.

(A) Electron

(B) Proton

(C) Neutron

~~(D) Positron~~

17. What play the most important role in regulating temperature and determining climate on the Earth?

~~(A) Oceans~~

(B) Mountains

(C) Deserts

(D) Forests

18. When existing rocks are subject to high pressures and temperatures and transformed without significant melting, they are called

(A) igneous rocks

(B) sedimentary rocks

~~(C) metamorphic rocks~~

(D) marble and onyx

19. The most abundant element in the Earth's crust is

(A) Oxygen

~~(B) Hydrogen~~

(C) Carbon Dioxide

(D) Silicon

20. Which of the following enzyme catalyses the hydrolysis of starch into sugars?

(A) Sucrose

(B) Catalase

~~(C) Maltase~~

(D) Amylase

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***Best of Luck for CSS-2025***