

CSS General Abilities Topic 1 Basic Arithmetic

| Sr | Questions | Answers Choice |
|----|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Relatives to the center of our galaxy,----- | A. Its stars are stationary B. Its stars move entirely at random C. Its stars revolve D. Population i stars are stationary and population ii stars revolve |
| 2 | If $r = -2$, then $r^4 + 2r^3 + 3r^2 + r = ?$ | A. -8 B. -4 C. 0 D. 10 |
| 3 | A man spent $15/16$ of his fortune in buying a car for \$7500. How much money did he possess ? | A. \$ 8500 B. \$8000 C. \$7000 D. \$6500 |
| 4 | Seasons are generated by | A. The movement of sun around comes of the milky way B. The movement of the earth around the sun C. Relativistic quantum D. None of these |
| 5 | A unit of length equal to the average distance between the earth and sun is called | A. Light year B. Astronomical unit C. Parsec D. None of these |
| 6 | $6(3-x)-5(2x-4)=4(3x)+14$ in the above equation the value of x is | A. 3 B. 2 C. 1 D. 1/2 |
| 7 | Ozone layer prevents the following radiation from entering the atmosphere; | A. Infra-red B. Ultraviolet C. X-rays D. Gamma rays |
| 8 | Which of the following is an organic molecule needed by the body in small amounts? | A. Protein B. Vitamin C C. Zinc D. Monosaccharide |
| 9 | The study of phenomena at very low temperature is called | A. Heat transfer B. Morphology C. Crystallography D. cryogenics |
| 10 | Albatross is: | A. A sea bird B. A beetle C. A fruits D. None of these |
| 11 | A six feet tall lady wants to see her full image in a plane mirror. The minimum length of the mirror will be: | A. 6 feet B. 12 feet C. 4 feet D. 3 feet |
| 12 | Which of the following planets rotates clock wise? | A. Mars B. Jupiter C. Venus D. Mercury |
| 13 | The average of two numbers is 62. If 2 is added to the smaller number, the ratio between the numbers becomes 1 : 2. The smaller number is | A. 60 B. 30 C. 84 D. 40 |
| 14 | Which of the following atmosphere layers help in radio communication? | A. Exosphere B. Ionosphere C. Troposphere D. Stratosphere E. 300 million meters per second |

15 The light in vacuum is about
B. 300 million meters per hour
C. 300 million kilometers per second
D. None of these

16 Find the square root of 211600
A. 460
B. 440
C. 480
D. None of these

17 The average temperature from Monday to Thursday is 48° and from Tuesday to Friday is 52° . If the temperature on Monday is 42° , what was it on Friday ?
A. 52°
B. 55°
C. 58°
D. 51°

18 The prices of a scooter and television set are in the ratio of 3 : 2. If a scooter costs Rs. 600 more than the television set, then the price of television set is
A. Rs. 1800
B. Rs. 1200
C. Rs. 2400
D. None of these

19 Cell theory was proposed by
A. Beadle and Tatum
B. Robert Hook
C. Schwann and Schleiden
D. Antony van Leeuwenhoek

20 Fossils found in the lowest geological strata are generally most;
A. Advance
B. Complex
C. Primitive
D. Specialized