

CSS General Abilities Topic 1 Basic Arithmetic

Sr	Questions	Answers Choice
1	In a railway track,two rails are joined end to end with a gap tin between them because:	A. Steel can be saved B. Accident due to contraction in winter can be avoided C. Air gapes are necessary for bearing the weight of running train D. Accidents due to expansion in summer can be avoided
2	On simplification $1/0.04$ is equal to:	A. 2.5 B. 25 C. 2/5 D. 1/40
3	The H.C.F. and L.C.M. of two numbers are 50 and 250, respectively. If the first number is divided by 2, the quotient is 50. The second number is:	A. 50 B. 100 C. 125 D. 250
4	Matter and Energy	A. Can be converted from one to the other B. When taken together converted in all processes in a closed system C. Both A and B D. None of these
5	The beta particle are fast moving	A. Protons B. Electrons C. Neutrons D. None of these
6	if $2^x \times 8^{1/5} = 2^{1/5}$, then x is equal to:	A. 1/5 B. -1/5 C. 2/5 D. -2/5
7	A mixture contains alcohol and water in the ratio of 12 : 5. On adding 14 litres of water, the ratio of alcohol to water becomes 4 : 3. The quantity of alcohol in the mixture is	A. 18 litres B. 24 litres C. 26 litres D. None of these
8	'Truth is the sought for its own sake and those who are engaged upon the quest for anything for its own sake are not interested in other thing finding the truth id difficult and the road to it is rough "This was stated by which key figure in the development of scientific method in the 11th century?	A. Aristotle B. Ibn Al Haytham C. Plato D. None of these
9	An alloy contains copper and zinc in the ratio 7 : 3. If the alloy contains 10.5 kg zinc, then the quantity of copper in the alloy is:	A. 17.35 kg B. 24.5 kg C. 28.2 kg D. 31.5 kg
10	In Humans the Y chorosome is passed to the next generation from	A. Father to son B. Mother to son C. Father to daughter D. None of these
11	Tides are generated by	A. The movement of ships in the oceans B. The gravitational effect of moon and sun on our earth C. The movement of the earth around the sun D. None of these
12	Radioactivity was discovered by	A. Karl landsteiner B. Konrad lorenz C. Henry bacquerel D. Edward o wilson
13	Which of the following is an organic molecule needed by the body in small amounts?	A. Protein B. Vitamin C C. Zinc D. Monosaccharide
14	This layer keep us not too hot in the summer and not too cold in the winter.Scientist call this	A. Green house effect B. Seasonal effect

	theeffect.	C. Ocean effect D. Lake effect
15	Which refrigerant is commonly used in cold storage in our country	A. Ethylene B. carbide C. Liquid ammonia D. Sodium benzoate
16	The population of a town was 54000 in the last census. It has increased 2/3rds since then. Its present population is	A. 108000 B. 90000 C. 72000 D. 36000
17	Which term in psychology is generally used to refer to emotional disorders such as anxiety, depression and phobia?	A. Psyches B. Hypnosis C. Neurosis D. Mental illness
18	Which of the following fractions is less than 7/8 and greater than 1/3 ?	A. 1/4 B. 23/24 C. 11/12 D. 17/24
19	When the quantity of charge on each of the two bodies is double, the force between them becomes	A. One fourth B. One half C. Twice D. Four time
20	The fruit without seed,like banana,are called;	A. Seed less fruits B. Parthenogenesis fruits C. Parthenocarpic fruits D. Placental fruits