

## CSS General Abilities Topic 1 Basic Arithmetic

| Sr | Questions  | Answers Choice  |
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| 1  | All of the following are part of a prokaryotic cell except   | A. DNA<br>B. A cell wall<br>C. A plasma membrane<br>D. An endoplasmic reticulum   |
| 2  | $6(3-x)-5(2x-4)=4(3x)+14$ in the above equation the value of x is  | A. 3<br>B. 2<br>C. 1<br>D. 1/2  |
| 3  | A Light year is  | A. A year devoid heavy rain fall<br>B. The time taken by light to be generated and propagated from the center of the sun to our earth<br>C. The distance covered by light of our solar years<br>D. None the these |
| 4  | Determine the L.C.M. of 2/5, 3/10 and 6/25.  | A. 6/5<br>B. 11/5<br>C. 9/5<br>D. None of these   |
| 5  | One of the main function of the earth's ozone layer is to:   | A. Prevent global warming<br>B. Filter out ultraviolet rays<br>C. Absorb pollution<br>D. All of above   |
| 6  | The theory of relativity was brought forward by  | A. Louis victor de broglie<br>B. Albert Einstein<br>C. Carl linnaeus<br>D. Jean piaget  |
| 7  | It is observed that the total pressure exerted by air on the man of average size is around 14.7 lb wt. per square inch. but the man feels quite comfortable .it is because of: | A. An equal and opposite pressure acts from inside<br>B. of the height of a man<br>C. of gravity<br>D. none of these  |
| 8  | If the side of a square is increased by 30%, its area is increased by  | A. 49%<br>B. 69%<br>C. 79%<br>D. None of these  |
| 9  | Dacron is  | A. Polyethylene<br>B. Epoxy<br>C. Poly-amide<br>D. Non of these   |
| 10 | The wages of 10 workers for a six day week is rs 1200. What are the one day wages of 4 workers?  | A. Rs 40<br>B. Rs 32<br>C. Rs 80<br>D. Rs 24  |
| 11 | Quartz crystal in quartz watches work on the principle called:   | A. Photo electric effect<br>B. Stark effect<br>C. Thermionic effect<br>D. Piezoelectric effect  |
| 12 | Which of the following types of food may reduce the risk of colon cancer?  | A. Simple carbohydrates<br>B. Polyunsaturated fats<br>C. Fiber<br>D. Cholesterol  |
| 13 | The biggest species of the cat family is:  | A. Tiger<br>B. Lion<br>C. Leopard<br>D. None of these   |
| 14 | Four year ago, the average age of A and B was 18 years, At present the average age of A,B and C is 24 year, What would be the age of C after 8 years?                          | A. 30 years<br>B. 32 years<br>C. 28 years<br>D. 25 years  |

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| 15 | Microfilaments are composed mainly of a protein called   | A. Actin<br>B. Tubulin<br>C. Myosin<br>D. Chitin                      |
| 16 | Who invented polio vaccine?  | A. Albert Sabin<br>B. Burkholder<br>C. Luise Pasture<br>D. Jonas Salk |
| 17 | Diamond is a very expensive ornament. It is composed of a single element:  | A. Carbon<br>B. Gold<br>C. Silver<br>D. Platinium                     |
| 18 | A student has to secure 15% marks to get through. If he gets 80 marks and fails by 70 marks, find the maximum marks set for the examination. | A. 900<br>B. 1000<br>C. 1200<br>D. None of these                      |
| 19 | One of the following is a water soluble vitamin  | A. Vitamin A<br>B. Vitamin D<br>C. Vitamin K<br>D. None of these      |
| 20 | Cusec is a unit of:  | A. Area<br>B. Time<br>C. Distance<br>D. Mass<br>E. None of these      |