# CSS General Abilities Topic 1 Basic Arithmetic

| Sr | Questions | Answers Choice |
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| 1 | Find the greatest number of five digits which when divided by 8,9 and 10 leaves 3 as remainder in each case. | A. 99996<br>B. 99723<br>C. 99983<br>D. None of these |
| 2 | In an examination a student was asked to find (3/14) of a certain number. By mistake he found (3/4) of it. His answer was 150 more than the correct answer. The given number is | A. 180<br>B. 240<br>C. 280<br>D. 290 |
| 3 | ..... manages and controls various function of the computer | A. Input/output device<br>B. main memory<br>C. Operating system<br>D. both a and b |
| 4 | Which of the following is a conventional designation of pre-released software | A. Raw<br>B. Alpha<br>C. Omega<br>D. Beta |
| 5 | Sedimentary rocks are: | A. Porous<br>B. Hard<br>C. Rough<br>D. Brittle |
| 6 | One of the following countries produces maximum energy from atomic reactors: | A. France<br>B. U S A<br>C. U K<br>D. None of these |
| 7 | Which of the following planets rotates clock wise? | A. Mars<br>B. Jupiter<br>C. Venus<br>D. Mercury |
| 8 | Ozonosphere is mainly depleted by | A. Excess CO<br>B. Excess Co2<br>C. CFCs<br>D. Ozone |
| 9 | The least square number which is exactly divisible by 10, 12, 15 and 18, is: | A. 360<br>B. 400<br>C. 900<br>D. 1600 |
| 10 | Which of the following processes acts to remove carbon dioxide from the atmosphere? | A. Burning fossil fuels<br>B. Photosynthesis<br>C. Deforestation<br>D. Lightning |
| 11 | Unavailable energy in a system is called | A. Minimum energy<br>B. Entropy<br>C. Thermal energy<br>D. None of these |
| 12 | The branch of physics which deal with the atomic nuclei is called? | A. Nuclear physics<br>B. Atomic physics<br>C. Particle physics<br>D. Modern physics |
| 13 | The four blood group were discovered by | A. Richard feynman<br>B. Karl landsteiner<br>C. Alfred wegener<br>D. Stephen Hawking |
| 14 | Five years ago, the average age of P and Q was 15 years. Average age of P, Q and R today is 20 years. How old will R be after 10 years? | A. 35 years<br>B. 40 years<br>C. 30 years<br>D. 50  years |
| 15 | A concave refracting surface is one with a center of curvature: | A. to the left of the surface<br>B. to the right of the surface<br>C. on the side of the incident light<br>D. on the incident of the refracted |

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| | | light<br>E. on the side with the higher index of the refraction |
| 16 | Water flow through a horizontal pipe at a constant volumatric rate. At a location where the cross sectional area decreases, the velocity of the fluid: | A. Increase<br>B. Decrease<br>C. Stay the same<br>D. None of these |
| 17 | 20% of 30% of 20% of Rs. 850 is | A. Rs. 9.50<br>B. Rs. 10.20<br>C. Rs. 10.50<br>D. None of these |
| 18 | The most abundant element in the human body is: | A. Carbon<br>B. Hydrogen<br>C. Oxygen<br>D. Nitrogen |
| 19 | 86.04/4000 is equal to: | A. .10215<br>B. .02151<br>C. .15201<br>D. .21015 |
| 20 | Those at greatest risk for food-borne illness include | A. Infant and children<br>B. Pregnant women<br>C. Immunosuppressed individuals<br>D. All of above |