## CSS General Abilities Topic 1 Basic Arithmetic

| Sr | Questions | Answers Choice |
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| 1 | Founder of modern astronomy was | A. Archimedes<br>B. William gilbert<br>C. Nicolas copernicus<br>D. Michael faraday |
| 2 | The study of phenomena at very low temperature is called | A. Heat transfer<br>B. Morphology<br>C. Crystallography<br>D. cryogenics |
| 3 | Express 7/8 as percentage. | A. 67 1/2 %<br>B. 87 1/2 %<br>C. 97 1/2 %<br>D. None of these |
| 4 | Margalla hills is a branch of; | A. Karakorum<br>B. Hindu kush<br>C. Himaliya<br>D. Nanga parbat |
| 5 | Light year is related to: | A. Time<br>B. Distance<br>C. Energy<br>D. Speed |
| 6 | A body can escape the gravitational pull of the earth if it is thrown up with a velocity of: | A. 25 miles per second<br>B. 60 miles per second<br>C. 2 miles per second<br>D. 10 miles per second |
| 7 | Oranges are bought at 5 for Rs 10 and sold at 6 for Rs 15 the profit or loss as percentage is | A. 50%<br>B. 40%<br>C. 35%<br>D. 25% |
| 8 | The population of a town was 54000 in the last census. It has increased 2/3rds since then. Its present population is | A. 108000<br>B. 90000<br>C. 72000<br>D. 36000 |
| 9 | Light from sun travels a distance before it reaches earth: | A. 50 million K m<br>B. 100 million k m<br>C. 150 million k m<br>D. 200 million k m |
| 10 | The famous book AL Qanoon was written by the muslim scientist | A. jabir bin hayan<br>B. zakriya al razi<br>C. abu ali sina<br>D. abdul qasim majreeti |
| 11 | Clock which moves with the velocities compare able with the velocity of light,run: | A. Fast<br>B. Slow<br>C. Equal to the velocity of light<br>D. With zero velocity |
| 12 | In a fashion nuclear reaction,a heavy nucleus breaks up into smaller nuclei whereas in another nuclear reaction two or more than two possibly nuclei are fused to form a heavy nucleus. This nuclear reaction is called: | A. Chemical Reaction<br>B. Nuclear reaction<br>C. Fission nuclear reaction<br>D. Fusion nuclear reaction |
| 13 | The H.C.F. of 2923 and 3239 is: | A. 37<br>B. 47<br>C. 73<br>D. 79 |
| 14 | Sulfuric acid was prepared by | A. Johann glauber<br>B. Peregrine phillips<br>C. Jabir bin hayyan<br>D. None of these |
| 15 | 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 |

| 16 | The number of spark plugs needed in a diesel engine is: | A. 2<br>B. 3<br>C. 0<br>D. 4 |
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| 17 | 9999 + 8888 + 777 + ? = 19700 | A. 36<br>B. 16<br>C. 64<br>D. 26 |
| 18 | Dry ice is | A. Methane hydrate<br>B. Liquid nitrogen<br>C. Solid Carbon dioxide<br>D. Frozen water |
| 19 | A boy saves Rs. 4.56 the first month, Rs. 3.82 the second month and Rs. 5.06 the third month. How much did he save altogether ? | A. Rs. 12<br>B. Rs. 12.50<br>C. Rs. 13<br>D. Rs. 13.44 |
| 20 | Although the mass of a man on moon remains same as on the earth he will | A. Be much happier there<br>B. Weight one six as much<br>C. Weight twice as much<br>D. None of these |