## CSS General Abilities Topic 1 Basic Arithmetic

| Sr | Questions | Answers Choice |
|---|---|---|
| 1 | The blood glucose level is raised by the following except: | A. Carbohydrates<br>B. cholesterol<br>C. insulin<br>D. epinephrine |
| 2 | Which colour of heat radiation represents the highest temperature? | A. Blood red<br>B. Dark cherry<br>C. Salmon<br>D. White |
| 3 | The sum of kinetic energy and potential energy of an oscillating body is | A. Maximum in the beginning<br>B. Constant at all points<br>C. Maximum at midway of the path<br>D. Minimum in the beginning |
| 4 | Prevailing wind affect a region's climate by | A. Creating desert area<br>B. causing more precipitations on one side of a mountain<br>C. affecting how much precipitation it receives<br>D. controlling the amount of solar energy it receives |
| 5 | The largest opium producer province in Afghanistan is: | A. Helmand<br>B. Nangarhar<br>C. Badakhshan<br>D. None of these |
| 6 | The operation of solar cell is based on | A. Last technology<br>B. Photo conduction<br>C. Thermal emission<br>D. Tyndall effect |
| 7 | Who developed the small pox vaccination? | A. Eduard jenner<br>B. Alexander fleming<br>C. Albert einstein<br>D. None of these |
| 8 | In mitosis chromosomes line up at the equatorial plate during | A. Anaphase<br>B. Metaphase<br>C. Prophase<br>D. Telophase |
| 9 | $5463 + 546.3 - 54.63 \div ? = 5999.3$ | A. .05463<br>B. .5463<br>C. 5.463<br>D. None of these |
| 10 | Find the greatest number that will divide 964, 1238 and 1400 leaving remainders 41, 31 and 51, respectively. | A. 71<br>B. 81<br>C. 61<br>D. 73 |
| 11 | Proteins are made up of | A. polynucleotide<br>B. polypepide<br>C. Oxyacetylene<br>D. None of these |
| 12 | Animal which captures and readily kills living animals for its food is called: | A. Parasite<br>B. Scavenger<br>C. Predator<br>D. Mammal |
| 13 | Magnifying power of a simple microscope can be increased by: | A. Increasing focal length of the lens:<br>B. Decreasing focal length of the lens<br>C. lens of a large aperture<br>D. lens of a short aperture |
| 14 | Founder of modern astronomy was: | A. Archimedes<br>B. William gilbert<br>C. Nicolas Copernicus<br>D. Michael faraday |
| | | A. 32°C<p class="MsoNormal"><o:p> |

| 15 | The density of water is greatest at: | </o:p></p><br>B. 0°C<p class="MsoNormal"><o:p></o:p></p><br>C. 4°C<p class="MsoNormal"><o:p></o:p></p><br>D. 100°C<p class="MsoNormal"><o:p></o:p></p> |
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| 16 | The time light takes from sun to reach earth is: | A. 8 minutes<br>B. 25 minutes<br>C. 45 minutes<br>D. 60 minutes |
| 17 | Three men start together to travel the same way around a circular track of 11 kilometres in circumference. Their speeds are 4, 5 1/2 and 8 kilometres per hour, respectively. When will they meet at the starting point? | A. 11 hours<br>B. 12 hours<br>C. 23 hours<br>D. 22 hours |
| 18 | A man plants 15376 apple trees in his garden and arranges them so that there are as many rows as there are apple trees in the row, then the number of rows is: | A. 126<br>B. 124<br>C. 134<br>D. 144 |
| 19 | Which of the following explain the reason why there is no total ellipse of the sun? | A. Size of the earth in relation to that of moon<br>B. Orbit of the moon around earth<br>C. Direction of rotation of earth around sun<br>D. Area of the sun covered by the moon |
| 20 | Layer of atmosphere in which ozone layer lies is | A. Exosphere<br>B. Mesosphere<br>C. Troposphere<br>D. Stratosphere |