

**BCM School Basant Avenue Dugri Ludhiana**

**Answer Key December Class V Science**

**Ch-8,9,10,11**

**Q 1 MCQ**

**And 1. Screw jack**

**2 air occupy space**

**Q 2. Assertion – Reason**

**Ans- Assertion is correct but Reason is incorrect**

**Q 3 a)**

**1 Help NGO's and government officials in helping the calamity affected people**

**2 Contribute in cash or give things of daily use**

**3 Help people around you to be brave**

**4 Be positive and do not get carried away by rumors**

**Q 3 b)**

**Ans- Kites and birds fly high in the sky. We can't see their shadow because the sun's rays bend around them.**

**Q 3 c)Difference**

**Ans- Natural Satellite – a heavenly body which moves around the planet e.g Moon moves around the Earth and it is the natural satellite of Earth.**

**Artificial Satellite – these are man made scientific machines sent into space to orbit around a planet like the Earth e.g Aryabhata, Sputnik -1**

**Q4**

**Ans- The Earth' surface is covered with water As the moon revolves around the Earth,it seems to pull the water towards it.It gives rise to tide. One high tide occurs after every twelve and a half hour.It occurs when the level of water is high.Low tide occurs when the level of water is low in the sea**

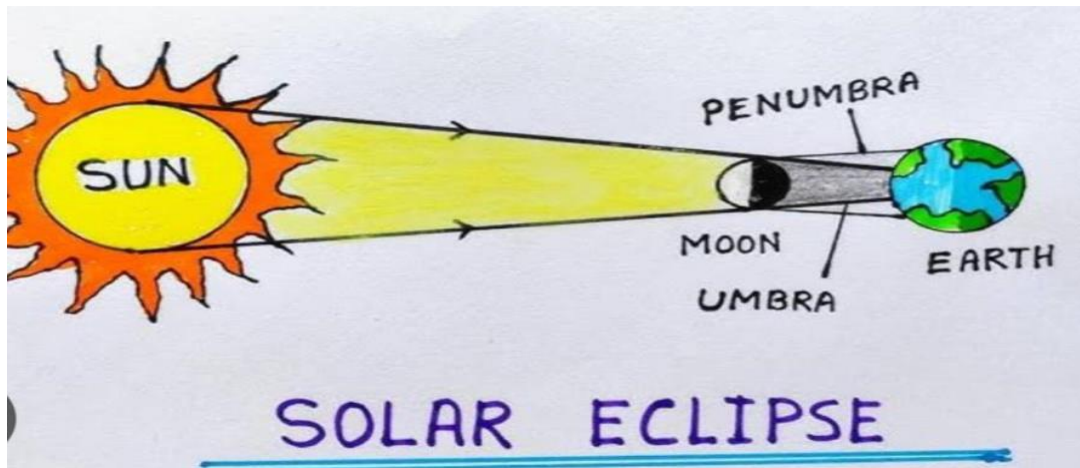
**Worst Tsunamis – In Japan and Indonesia**

**Q5**

**Ans-Solar Eclipse – 1 It occurs when moon is in between Sun and the Earth.**

**2 As the moon revolves,it comes in between Sun and the Earth.It blocks out the sunlight falling on the earth.**

**3 It occurs on New Moon day.**



**Q6**

**Ans-(1) 2 types of Pulley a) Fixed Pulley b) Movable Pulley**

**(2) Examples**

**Fixed Pulley – flagpole, well**

**Movable Pulley -Crane,Cargo lift**