



# st. Lawrence High School

A JESUIT CHRISTIAN MINORITY INSTITUTION



## Worksheet 37 Solutions

Sub: Geography

Class:10

Date: 15-6-2020

### Chapter 2: Topic: Tides and types of tides Second Term

1. Choose the correct answer

- a. Tides are caused due to i. centrifugal force ii. coriolis force ii. rotation of the earth  
iv. i and iii
- b. Gravitational pull of i. sun ii. moon iii. perigee moon iv. perihelion sun is the most powerful
- c. Primary tide occurs when moon is at i. right angle ii. directly above iii. 45 degree  
iv. 180 degree
- d. The word Springen is a i. Greek ii. French iii. German iv. None of these word
- e. New moon occurs when i. earth - moon - sun ii. sun - earth - moon iii. earth - moon  
at right angles to earth - sun iv. none of these happen
- f. Full moon occurs when New moon occurs when i. earth - moon - sun ii. sun - earth - moon  
iii. earth - moon at right angles to earth - sun iv. none of these happen
- g. During spring tide height of water increases by i. 50 ii. 40 iii. 30 iv. 20 percent
- h. When Sun, Moon and Earth comes in a straight line, it is called i. gysyzy ii. syzygy  
iii. zysygy iv. none of these
- i. The distance of Earth to the Moon is i. 3 lakh 84 thousand ii. 3 lakh 48 thousand  
iii. 2 lakh 48 thousand iv. 3 lakh 80 thousand
- j. Sun is i. 830 ii. 380 iii. 340 iv. 430 times further from the Earth than the moon
- k. The Sun is over i. 2 crore 60 lakh ii. 2 crore 50 lakh iii. 2 crore 30 lakh iv. 2 crore 20  
lakh times larger than the moon
- l. Conjunction position is i. earth - moon - sun ii. sun - earth - moon iii. earth - moon at  
right angles to earth - sun iv. none of these
- m. Opposition position is i. earth - moon - sun ii. sun - earth - moon iii. earth - moon at  
right angles to earth - sun iv. none of these
- n. Strongest tide is i. mixed ii. diurnal iii. neap iv. spring
- o. High tide occurring on opposite side of earth from the moon is i. direct ii. secondary  
iii. antipodal iv. both ii and iii

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