



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Worksheet 5 Solutions

Sub:Geography

Class:11

Date: 19-6-2020

Unit 2: Origin of the Earth, Hypothesis of Kant and Laplace

First Term

1. Choose the correct answer

- a. Kant's gaseous mass hypothesis was propounded in the year i. 1796 ii. 1755
iii. 1904 iv. 1919
- b. La Place's Nebula hypothesis was propounded in the year year i. 1796 ii. 1755
iii. 1904 iv. 1919
- c. "Exposition of the world/solar system" was written by i. Immanuel Kant ii. La Place
iii. Jeffrey iv. Jeans
- d. Everything started in the universe from primordial matter - this was the opinion of
i. Immanuel Kant ii. La Place iii. Jeffrey iv. Jeans
- e. A German scholar was i. Immanuel Kant ii. La Place iii. Jeffrey iv. Jeans
- f. A French mathematician was by i. Immanuel Kant ii. La Place iii. Jeffrey iv. Jeans
- g. Bright luminous patches of gas, the birthplace of stars is known as i. Galaxy
ii. Nebula iii. Universe iv. None of these
- h. The collision of the particles due to gravitational force did not follow the formula of
i. Einstein ii. Thomas Edison iii. Newton iv. Faraday
- i. Who could not explain the source of Nebula - i. Immanuel Kant ii. La Place
iii. Jeffrey iv. Jeans
- j. Ring of matter forming nine planets was explained by i. Immanuel Kant ii. La Place
iii. Jeffrey iv. Jeans
- k. Nebular hypothesis theory remained standing for i. 100 ii. 125 iii. 150 iv. 175 years
- l. Planet moving from East to West - i. Mercury ii. Venus iii. Uranus iv. ii and iii
- m. Who did not consider Saturn's rings as a clue to his hypothesis - i. Immanuel Kant
ii. La Place iii. Jeffrey iv. Jeans
- n. Concept of rotational motion in the nebula due to the collision of all particles is
against the law of i. Physics ii. mathematics iii. astronomy iv. none of these
- o. Source of energy causing motion of particles was not mentioned by i. Immanuel
Kant ii. LaPlace iii. Harold Jeffrey iv. James Jean

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