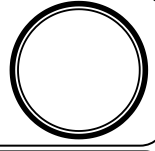




யா/ ஹாட்லிக் கல்லூரி, பருத்தித்துறை.

J/ Hartley College, Point Pedro.



முதலாம் தவணைப் பரீட்சை – 2020 – தரம் 8
First Term Examination – 2020 – Grade 8

புவியியல் I, II
Civic Education I, II

22

T

I, II

இரண்டு மணித்தியாலம்
Two Hours

சுட்டெண்
Index No

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Geography

Part – I

Select the right answer.

1) When has the solar system been formed?

- | | |
|---------------------------|--------------------|
| 1. 460 million years ago | 3. 460 years ago |
| 2. 4600 million years ago | 4. 46000 years ago |

2) The sun that provides light and energy is a,

- | | |
|----------------------|----------|
| 1. Planet | 3. Star |
| 2. Natural satellite | 4. comet |

3) The temperature of the centre of the sun is,

- | | | | |
|----------------|----------------|----------------|----------------|
| 1. 15million°C | 2. 15million°C | 3. 75million°C | 4. 75pillion°C |
|----------------|----------------|----------------|----------------|

4) The time taken for one rotation of the sun is,

- | | |
|------------------|--------------------|
| 1. 24 Earth days | 3. 24.5 Earth days |
| 2. 25 Earth days | 4. 25.4 Earth days |

5) The smallest and the largest planets of the solar system are,

- | | |
|---------------------|-------------------|
| 1. Mercury, Mars | 3. Earth, Mercury |
| 2. Mercury, Jupiter | 4. Earth, Jupiter |

6) The planets which do not have satellites are,

- | | |
|--------------------|-------------------|
| 1. Mercury, Mars | 3. Venus, mars |
| 2. Mercury, Uranus | 4. Mercury, Venus |

7) The planets rotate from east to west are

- | | |
|--------------------|-------------------|
| 1. Mercury, Saturn | 3. Venus, Jupiter |
| 2. Venus, Saturn | 4. Uranus, Saturn |

8) The planets which possess the highest temperature and the highest number of satellites are

- | | |
|--------------------|---------------------|
| 1. Mercury, Saturn | 3. Venus, Jupiter |
| 2. Venus, Saturn | 4. Mercury, Jupiter |

Part – II

Answer any of five questions including the first question..

1) Draw the solar system and mark all the celestial bodies.

(12 Marks)

2)

1. What is 'planet'?
2. Explain the 'inner' and 'outer' planets.
3. Give the inner and outer planets.

(4 + 4 + 4 = 12 Marks)

3)

1.
 - a. Give two information about 'Mercury'.
 - b. Give two information about 'Venus'.
2.
 - a. Mention two special characteristics of 'Mars'.
 - b. Write the names of Satellites of Mars.
3. Give four special features of planet 'Earth'.

(4 + 4 + 4 = 12 Marks)

4)

1.
 - a. What is 'natural Satellites'?
 - b. Mention 4 'natural Satellites'.
2. Explain what dwarf planets are
3. State the number of natural Satellites of the eight planets of the solar system.

(4 + 4 + 4 = 12 Marks)

5)

1. Write 6 beliefs connected with the solar system.
2. Mention four persons who were enthusiastic in finding information about the universe.
3. Mention an important invention and the inventor connected with the study of the solar system.

(4 + 4 + 4 = 12 Marks)

6)

1. Mention 4 factors that made the Earth a congenial planet.
2.
 - a. What is 'latitudes'?
 - b. Draw and name the latitudes
3.
 - a. What is 'longitude'?
 - b. What are the results of 'revolution'?

(4 + 4 + 4 = 12 Marks)

7)

1.
 - a. The time at Greenwich city is 6 a.m. What is the time at 45° East longitude?
 - b. What is the time at 60° West longitude?
2.
 - a. What is the 'orbit'?
 - b. Explain "a leap year"

3.

Date	The sun is over the	season
March 21		Spring equinox.
June 21		
September 23	Equator	

(4 + 4 + 4 = 12 Marks)