



# Provincial Department of Education Northern Province



Diagnostic Test– 2021

## Geography

Name/Index No :- .....

Grade :-8

Time :- 2 Hours

### Part I

- Answer the all questions given below 1 – 20 you select and underline the correct answer for the question.

01. Solar system means

- (1) Consisting of several thousands of stars
- (2) Sun is considered as a satellites
- (3) Sun is considered the centre of the solar system
- (4) It has been formed 1000 million years ago

02. Temperature of the sun

- (1) 15 000<sup>0</sup>c in the centre
- (2) 6 000<sup>0</sup>c in the surface
- (3) 600<sup>0</sup>c in the surface
- (4) 15 000 000<sup>0</sup>c in the surface

03. Solar storms means

- (1) Activity occurs in the interior part of the sun
- (2) Storms occur in the earth
- (3) Flames on the surface of the earth
- (4) That occurs in the other planets

04. Planets always

- (1) Twinkling
- (2) Revolving around the sun
- (3) All are same shape
- (4) Larger than sun

05. inner planets

- (1) Mercury, Venus, Earth, Mars
- (2) Mercury, Venus, Mars, Jupiter
- (3) Jupiter, Saturn, Uranus, Neptune
- (4) Mercury, Venus, Jupiter, Saturn

06. Correct statement about planet Mercury

- (1) Farthest from the sun
- (2) Rotating very fast
- (3) Less temperature
- (4) Smallest planet in the solar system

07. Incorrect statement about Venus

- (1) Closest to the earth
- (2) Larger than the earth
- (3) Clearly visible in the night sky
- (4) Rotates from east to west

08. Which is called Red planet

- (1) Earth
- (2) Jupiter
- (3) Venus
- (4) Mars

09. The fifth planet according to the distance from the sun

- (1) Jupiter
- (2) Earth
- (3) Mars
- (4) Saturn

10. The planets that have more satellites respectively

- (1) Saturn, Jupiter, Uranus
- (2) Uranus, Jupiter, Saturn
- (3) Jupiter, Saturn, Uranus
- (4) Uranus, Saturn, Jupiter

11. The correctness of the Equatorial and polar diameter of the Earth

- (1) Both are same length
- (2) Polar diameter is longer
- (3) Equatorial diameter is longer
- (4) Equatorial diameter is shorter

12. The speed of the revolution of the Earth

- (1) 29.8 km for second
- (2) 11.2km for s second
- (3) 56 km for a second
- (4) 150 million km for second

13. The factor for the existence of the living beings on Earth

- (1) Farthest from the Sun
- (2) Closest to the Sun
- (3) Located in the outside of the solar system
- (4) Located in the centre of the solar system

14. Longitudes mean

- (1) Drawn from East to West
- (2) Separate the Earth as Northern and Southern hemisphere
- (3) Not same size
- (4) Drawn from North to South

15 The reason for time change in the world

- (1) Earth rotates from East to West
- (2) Earth rotates from West to East
- (3) Sun rises over the equator
- (4) Earth revolves the sun in the path of orbit

16. The country that has several time zones comparing with other countries

- (1) China      (2) Russia      (3) India      (4) Sri Lanka

17. Main feature of the summer season

- (1) Day time is longer      (2) Night time is longer  
(3) Day time Night time are same      (4) Two hemisphere have same time

18. Which controls the entry of harmful ultraviolet rays to the Earth

- (1) Atmosphere      (2) Sun      (3) Rotation of the Earth      (4) Ozone layer

19. The gas which is congenial for the existence of life

- (1) Oxygen      (2) Argon      (3) Ozone      (4) Nitrogen

20. The main reason for the pollution of water on the Earth

- (1) Volume of fresh water decreases      (2) Having more oceans  
(3) Use to fulfill human needs      (4) Availability of water circle

(20 X 2 = 40 Marks)

### Part II

- **First question** is compulsory and answer the another **Four** questions, Altogether answer the **Five** questions

01. (I) Mention three celestial bodies found in the solar systems.

(II) How planets differ from the stars?

(III) State four characteristics of the Sun.

(3+4+5 = 12 Marks)

02. (I) How inner planets and outer planets can be categorized?

(II) What is meant by dwarf planets? Explain it?

(III) Mention four characteristics of the Earth.

(3+4+5 = 12 Marks)

03. (I) What are satellites?

(II) Name four planets that have more satellites.

(III) Mention four beliefs connected with sun and moon in the society. (3+4+5 = 12 Marks)

04. (i) What is meant by hemisphere? In which hemisphere Sri Lanka is located?  
(II) Mention four characteristics of the longitudes.  
(III) Explain how time is changed among the longitudes. (3+4+5 = 12 Marks)
05. (I) Mention three countries that use local standard time in the world.  
(II) Give the effects of rotation of the earth.  
(III) Explain the conditions of the Earth regarding its location in the solar systems.  
(3+4+5 = 12 Marks)
06. (I) Mention four main seasons of the Earth.  
(II) State two months Equinoxes.  
(III) Explain the conditions for the seasonal changes. (3+4+5 = 12 Marks)
- 07 (I) Mention three forms of water available on the earth.  
(II) State four features of water that is distributed on the earth.  
(III) Mention four human activities cause for water pollution. (3+4+5 = 12 Marks)

May

ONLINE CLASSES - 2025

# NEW ADMISSIONS

## 2ம் தவணை வகுப்புகள்

தரம் 6 முதல் O/L வரை

அனைத்து பாடங்களும் ஒரே  
கல்வி நிறுவனத்தின் கீழ் ...



இலங்கையின் எப்பாகத்திலிருந்தும்  
ZOOM APP மூலம் எமது வகுப்புகளில்  
இணைந்து கொள்ள முடியும்.



**JOIN NOW**

[WWW.KALVI.LK](http://WWW.KALVI.LK)

**075 287 1457**