



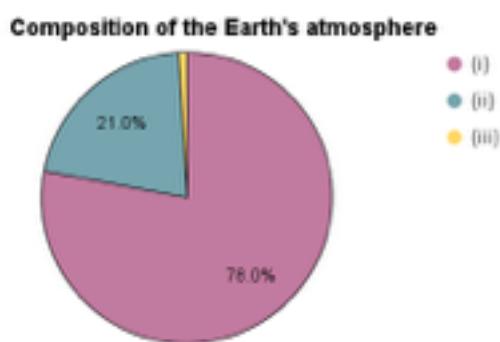
DELHI PUBLIC SCHOOL NEWTOWN
SESSION 2021-22
HALF YEARLY EXAMINATION

CLASS: IX
SUBJECT: GEOGRAPHY (PAPER 2)

FULL MARKS: 30
TIME: 30 MIN

Choose the correct options for the following:

1. What do (i) and (ii) represent in the given pie chart? [2]



- a. (i) Oxygen (ii) Carbon dioxide
- b. (i) Oxygen (ii) Nitrogen
- c. (i) Nitrogen (ii) Carbon dioxide
- d. (i) Nitrogen (ii) Oxygen

2. Which is the life zone of the earth? [1]

- a. Lithosphere
- b. Atmosphere
- c. Biosphere
- d. Hydrosphere

3. What is epicentre? [1]

- a. The point of origin of seismic waves located on the earth's surface.
- b. The point of origin of seismic waves below the earth's surface.
- c. The point on the earth's surface directly above the seismic focus.
- d. The point on the earth's core directly below the seismic focus.

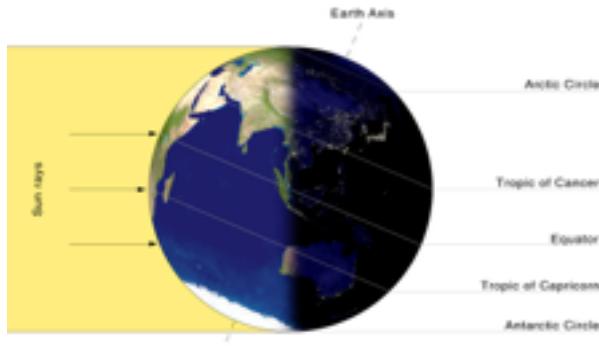
4. What does Richter Scale measure? [2]

- a. Observed effects of earthquakes with a scale of 1-12
- b. Observed effects of earthquakes with a scale of 1-9
- c. Absolute intensity of earthquake with a scale of 1-12
- d. Absolute intensity of earthquake with a scale of 1-9

5. How much is the Earth's axis inclined? [1]

- a. 23 1/2 degree with the vertical.
- b. 23 1/2 degree with the plane of the Earth's orbit.
- c. 66 1/2 degree with the vertical.
- d. 66 1/2 degree with the plane of the Earth's orbit.

6. What does the given picture show? [1]



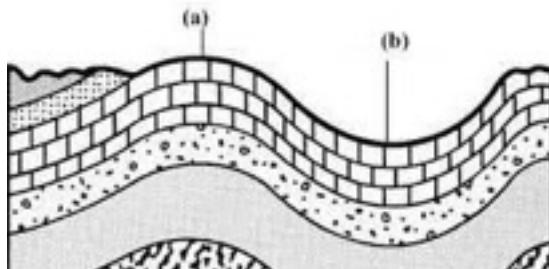
- a. Winter Solstice in the Northern Hemisphere
- b. Spring Equinox
- c. Summer Solstice in the Northern Hemisphere
- d. Autumnal Equinox

7. Which is the thinnest layer of the Earth? [1]

- a. Core
- b. Crust
- c. Mantle

8. What are the two most appropriate terms used for (a) and (b) in the given diagram? [2]

- a. (a) Fault (b) Valley



- b. (a) Anticline (b) Fault
- c. (a) Syncline (b) Fault
- d. (a) Anticline (b) Syncline

9. What made the Grand Banks a rich fishing ground? [2]

- a. The Labrador current and The North Atlantic Drift
- b. The North Atlantic Drift and the Gulf Stream
- c. The Gulf Stream and the Labrador current
- d. The Labrador Current and the Kuroshio Current

10. What is the geographic term used for a piece of land reclaimed from the sea or lake? [1]
a. Loess Plains
b. Graben
c. Piedmont Plains
d. Polder
11. Which of the following rocks is associated with volcanic activity? [1]
a. Gypsum
b. Basalt
c. Conglomerate
d. Marble
12. Which of the following shows correct order of stages of formation? [1]
a. Lignite-Peat-Coal
b. Coal-Lignite-Peat
c. Lignite-Coal-Peat
d. Peat-Lignite-Coal
13. Which of the following volcanoes is located in this belt? [1]



- a. Mt. Fuji
b. Mt. Krakatoa
c. Mt. Etna
d. Mt. Aconcagua
14. What caused Koyna earthquake in Maharashtra? [1]
a. Blasting of rocks
b. Nuclear explosion
c. Dumping of chemical wastes
d. Construction of dam
15. Match the following original rocks with its metamorphosed form. [1x3=3]
a. Granite 1. Quartzite
b. Sandstone 2. Marble
c. Chalk 3. Gneiss

16. What does the picture show?

[1]



- a. Exfoliation
- b. Hydration
- c. Block disintegration
- d. Granular disintegration

17. Which of the following is NOT a direct effect of earthquake?

[1]

- a. Collapse of structures
- b. Fires
- c. Submergence of land
- d. Change in the course of river

18. Assertion/Reason:

[2 x 2= 4]

i. Assertion (A): Rocky Mountains have parallel ranges. Reason (R): Old fold mountains are highly eroded by the agents of gradation.

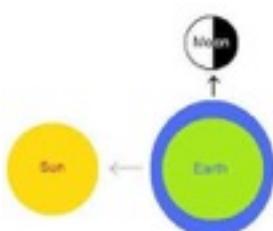
- a. Both A and R are true and R is the correct explanation for A.
- b. Both A and R are true and R is not the correct explanation for A.
- c. A is true but R is wrong.
- d. A is wrong but R is true.

ii. Assertion (A): Internal forces are called as constructive forces. Reason (R): Internal forces operate in the interior of the earth.

- a. Both A and R are true and R is the correct explanation for A.
- b. Both A and R are true and R is not the correct explanation for A.
- c. A is true but R is wrong.
- d. A is wrong but R is true.

19. Study the given picture and answer the questions that follow:

[1x3=3]



i. What is shown in the given picture?

- a. High Tide
- b. Low Tide
- c. Spring Tide
- d. Neap tide

ii. What causes this tide?

- a. The combined gravitational forces of the Sun and the Moon.
- b. Gravitational force of the Moon
- c. Gravitational force of the Sun
- d. The gravitational forces of the Sun and the Moon in opposite directions.

iii. When does this happen?

- a. Full Moon day
- b. New Moon day
- c. Sixth day of every fortnight
- d. None of the above