**Udaya Public School, Ayodhya**

**Half Early Examination 2022-23**

**Class XI Subject: Geography**

**Time: 3 Hours MM 70**

 **General instruction**

 There are total 29 questions all question are compulsory.

 . Question, Paper is divided into 5 Sections A, B, C D. E

* In sections A question number 1 to 15 are objective type multiple choice questions carrying 1 mark each. Attempt any 14 questions.
* In section B, question numbers 16 and 17 are source based and table based questions respectively carrying 3 marks each . Answer any 3 questions out of 4 .Each of these sub – questions carry 1 mark ..
* In section C , question numbers 18 to 22 are short answer Questions carrying 3 marks each.
* In Section D. Question number 23 to 27 are long answer Questions carrying 5 marks each.
* In Sections E Question numbers 28 &29 are related to Location & labelling on India & world map respectively carrying 5 marks each.

**SECTION A**

**(objective type Questions**)

 **Attempt any 14 Questions. (1\*14=14)**

1. Who draws, produces & Studies maps?

a). Researcher b) cartographer C. Demographer d) Analyst

2. The climatology branch of Physical geography has interface with –

a. Meterology b. Geology C. Hydrology d. Pedology

3. Attempts Spatial synthesis.

a) History b. Anthropology C. Geography d . Economics

4. Which one of the following figures represents the age of the earth?

 a) 4.6 million years b. 13.7 billion years C 4.6 billion years d. 13.7 trillion years

5. Which one of the following has the longest duration?

a. Eons b. Period C. Era d Epoch

6. Which one of the following is not related to the formation or modification of the present atmosphere?

 a Solar winds b. Differentiation C. Degassing d. Photosynthesis

7. Which of the following is not a direct source of information about the interior of the earth?

a Mining b. Drilling C. volcanic eruption d. Magnetic field

8. A Sharp break in crustal rocks is known as –

 a Focus b. Epicentre C Fault d. Hypocentre

 9. \_\_\_is an instrument which is used to record the earthquake waves.

 a. Seismograph b. Richter scale C. Mercalli Scale d Proaves Scale

 10. S-waves are also known as –

 a. Surface waves b. Secondary waves C Short waves d Small waves

 II. Who amongst the following was the first to consider the possibility of Europe Africa and America having
 located side by side?

 a Alfred Wegener b. Antonio Pellegrini C. Abraham ortelius dedmond Hess

 12. Who proposed continental Drift Theory?

 a. Cess b. Alfred Wegener C. Mckenzie d. Morgan

 13. Which of the following places is not included in Lemuria?

 a. India b. Madagascar C. Falkland Island d. Africa

 14. Which of the following is the source of energy for endogenic gemorphic processes?

 a. Radioactivity b. Rotational &tidal friction C. Primordial heat from origin of earth d. All of the above.

 15. Which of the factors influences geomorphic process?

 a. Climate b. Vegetation C. Structure of rocks d All of the above

**SECTION B.** **(3\*2=6)**

16 Read the following passage & answer the questions that follow.

The most popular argument regarding the origin of the universe is the Big Bang Theory. It is also called expanding universe hypothesis Edwin Hubble, in 1920 provided evidence that the universe is expanding. As time passes, galaxies move Further and Further apart. The distance between the galaxies is also found to be increasing and thereby the universe is considered to be expanding.

 The Big Bang Theory considers the following Stages in the development of the universe .

1. In the beginning all matter forming the universe existed in one place in the forms of a tiny ball (singular atom) with an unimaginary Small volume, infinite temperature & infinite density.
2. At the Big Bang the tiny ball exploded violently this led to a huge expansion. It is now generally accepted that the event of big bang took place 13.7 billion years before the present the expansion continues even to the present day. As it grew. Some energy was converted into matter. There was particularly rapid expansion within Fractions of a second after the bang. Thereafter the expansion has slowed down. within first three minutes from the Big Bang event, the first atom began to form.
3. within 300,000 years from the Big Bang. temperature dropped to 4,500 K(Kelvin) & gave rise to atomic matter. The universe became transparent.

The expansion of universe means increase in space between the galaxies An alternative to this was Hoyles Concept of Steady state. It considered the universe to be roughly the Same at any print of time. However, with great evidence becoming available about the expanding universe Scientific community at present favours argument of expanding universe.

1. Who among the following was the first one to give evidence of an expanding State of universe?

 a Albert Einstein b. Edwin Hubble C. Isaac Newton d Hoyle

1. Before The occurrence of Big Bang, the universe was in which of the following State?

 a Steady State b. Singular Atom C. expanding state d. contracting state

1. Which one the following can be considered as the age of universe?

a 5.4 billion years b. 13.7 billion years C.9 billion years d.2 billion

 (iv) The distance between galaxies is:

 a Constant b. Decreasing C. Increasing d. Alternatively increasing and decreasing

 17. Make the correct pairs From the Following two columns & mark correct option.

 (A) Column I column 2

1. Philosophy A. Geographical thought

2. Political Science. B. Political Geography

3. Botany C. Phyto Geography

 (a) I-B, 2-C, 3-A (b) I-A,2-B, 3-C (c) 1-C, 2-A, 3-B (d) I-B, 2-A, 3-C

 (B) Which of the following arrangements of Earth's layer is correct?

 a) crust. mantle, inner Core, outer core b) Mantle, crust, outer Core, inner core

 c. Mantle, crust, inner core, outer core d. crust, mantle, outer core, inner core

 (C) Which of the following arrangements of theories is correct as per their year?

 (a) Nebular hypothesis, Big Bang theory, Binary theories (b). Nebular hypothesis, Binary theories, Big Bang Theory

 C. Big Bang theory, Binary theories, Nebular hypothesis d. Binary theories, Nebular hypothesis, Big Bang theory

 (D) Who amongst the following was the first to consider the possibility of Europe. Africa. & America having located
 side by side?

 a. Alfred Wegener b. Antonio Pellegrin C. Abraham ortelius d. Edmond Hess

**SECTION C**

 **(short Question & answers) 3x5=15**

Q18. Explain the branches of physical Geography?

Q19. How Geography is related to other Social Sciences?

Q.20. Explain Nebular hypothesis?

Q21. Explain the branches of Biogeography.

Q22. Explain the types of earthquakes?

**SECTION D**

 **(Long Question & answers) 5x5=25**

Q.23. Differentiate between terrestrial and jovian planets?

Q.24. Explain the emergence of Shadow zone?

Q.25. Explain. the evidence in support of the continental Drift?

Q.26. Explain the endogenic & exogenic processes?

Q.27. Define :- Distrophism,weathering, exfoliation, Mass movement, landslides

 **SECTION-E 5x2=10**

 A. On the map of India Locate the following .

 1. River indus 2. Eastern most State of India 3. Strait that divides India & Srilanka 4.western Ghats 5. Goa

 B. On the map of world locate the following:-

1. Central American lowland forest
2. Eastern Madagascar
3. Altantic Forest, Brazil
4. Queensland
5. Sinharaja Forest, Srilanka