



Reg. No. :

FY 37

Name :

**FIRST YEAR HIGHER SECONDARY MODEL
EXAMINATION, FEBRUARY 2023**

Part – III

GEOGRAPHY

Maximum : 60 Scores

(L.Man Attached)

Time : 2 Hours

Cool-off Time : 15 Minutes

General Instructions to Candidates :

- There is a 'Cool off time' of 15 minutes in addition to the writing time.
- Use the 'cool off time' to get familiar with questions and to plan your answers.
- Read questions carefully before answering.
- Read the instructions carefully.
- Calculations, figures and graphs should be shown in the answer sheet itself.
- Malayalam version of the questions is also provided.

വിദ്യാർത്ഥികൾക്കുള്ള പൊതുനിർദ്ദേശങ്ങൾ :

- നിർദ്ദിഷ്ട സമയത്തിന് പുറമെ 15 മിനിറ്റ് 'ക്യൂൾ ഓഫ് ടൈം' ഉണ്ടായിരിക്കും.
- 'ക്യൂൾ ഓഫ് ടൈം' ചോദ്യങ്ങൾ പരിചയപ്പെടാനും ഉത്തരങ്ങൾ ആസൂത്രണം ചെയ്യാനും ഉപയോഗിക്കുക.
- ഉത്തരങ്ങൾ എഴുതുന്നതിന് മുമ്പ് ചോദ്യങ്ങൾ ശ്രദ്ധാപൂർവ്വം വായിക്കണം.
- നിർദ്ദേശങ്ങൾ ശ്രദ്ധാപൂർവ്വം വായിക്കുക.
- കണക്ക് കൂട്ടലുകൾ, ചിത്രങ്ങൾ, ഗ്രാഫുകൾ, എന്നിവ ഉത്തരപേപ്പറിൽ തന്നെ ഉണ്ടായിരിക്കണം.
- ചോദ്യങ്ങൾ മലയാളത്തിലും നൽകിയിട്ടുണ്ട്.



Score

SECTION – A

Answer any 8 questions from 1 to 10. Each carries 2 scores.

(8×2=16)

1. List out the nations included in the Indian subcontinent apart from India.
2. Write the difference between the *Richter scale* and the *Mercalli scale*.
3. What is meant by rain-shadow area ?
4. What is population geography ?
5. Write any two adverse effects of global warming.
6. Name any two major tectonic plates.
7. Distinguish between *Khader* and *Bhangar*.
8. The ocean floor can be divided into four major divisions. Which are they ?
9. State any two consequences of food
10. Define 'Exotic species'.

SECTION – B

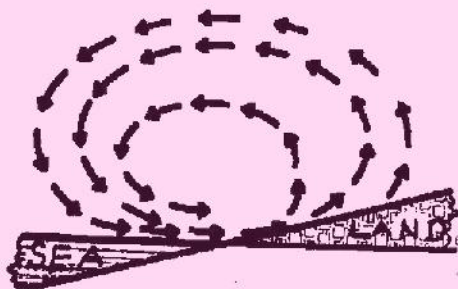
Answer any 8 questions from 11 to 20. Each carries 3 scores.

(8×3=24)

11. State the role of terrestrial radiation in heating of atmosphere.
12. Elaborate the following :
 - a) Stalactites
 - b) Horns
 - c) Mushroom Rocks.

13. Excessive cold is experienced in North India during the cold weather season. Why ?

14. Identify the type of wind given in the diagram and explain.



15. Identify and explain any three erosional landforms formed by running water.

16. Write the effects of inversion of temperature.

17. Air masses develop from five major source regions. List out any three source regions of air masses.

18. Describe the features of the eastern coastal plain.

19. List out the names of any three Himalayan tributaries of the Ganga.

20. Write any three reasons why the wildlife is declining in India.



Score

SECTION – C

Answer any 5 questions from 21 to 27. Each carries 4 scores.

(5×4=20)

21. Write short notes on spring tide and neap tide.
22. Explain the Big Bang theory.
23. List out any eight consequences of earthquakes.
24. Describe the importance of biological activity in the process of soil formation.
25. List out any four evidences in support of the continental drift theory.
26. What are the characteristics of troposphere ?
27. **Identify and mark the following geo information on the given outline map of India.**
 - a) The coral island group situated in the Arabian Sea near to Kerala coast.
 - b) The largest river in the Peninsular India.
 - c) The desert lies to the north west of Aravalli Hills.
 - d) A major forest type extensively found on western slopes of the Western Ghats.