2021
Geography (H)
III-A Paper
(New Syllabus)

Full Marks: 50 (Each question is two marks)   **Time: two Hours**

The figures in the margin indicate full marks.

1. Coniferous forests are located between – A. 50^0 and 70^0N B. 40^0 and 50^0N C. 55^0 and 65^0N D. None of these.

2. When did Weber propounded the "Industrial location theory"? A. 1909 B. 1908 C. 1910 D. 1918.

3. Resources drawn from nature and used without much modification are called- A. Human made resources B. Natural resources C. Cultural resources D. None of these.

4. The basis of classification of resources are- A. level of development and use B. origin C. stock and distribution D. all of these.

5. The resources whose quantities are known, named as – A. potential resources B. actual resources C. stock D. all of these.

6. Give an example of biotic resources. A. rocks B. minerals C. soils D. animals.

7. Resources used carefully and giving them time to get renewed is called- A. resource depletion B. resource conservation C. resource pollution D. none of these.

8. Balancing the needs to use resources and also conserve them for future generation is called- A. development B. devaluation C. sustainable development D. all of these.

9. Ubiquitous resources are found everywhere. A. True B. False.

10. Resources are distributed unequally over the earth because of A. the different natural conditions B. level of development C. technological levels D. all of these.

11. The region where the uniformity is found in the natural and cultural elements is called – A. Campage B. Uniform C. Natural D. Geographical.

12. Regional planning is started in India in- A. 1950 B. 1951 C. 1956 D. 1961.

13. Who proposed the concept of pivotal development? A. Kolosovasky B. Perroux C. Mydral D. Rastov.

14. Engagement of local people in development project refers to A. Economic Development B. Social Development C. Participatory Development D. Sustainable Development.

15. The father of Indian planning is- A. Jawahar lal Nehru B. Mahatma Gandhi C. B.R. Ambedkar D. M. Vishveshshwariah.

16. Which of the following climatic region is well known for natural rubber called hevea brasiliensis? A. Equatorial Climatic Region B. Tundra Climatic Region C. Taiga Climatic Region D. Tropical Climatic Region.

17. What is Pressure belt of the Earth? A. The global horizontal distribution of pressure. B. Due to the spherical shape of the Earth different parts of the earth are heated unequally. C. Only A D. Both A and B.

18. Which of the following is not comes under high pressure belt? A. Equatorial Region B. Sub-tropical Region C. Polar Region D. Tropical Region.

19. Which of the following regions can be safely called the belt of Doldrums? A.polar region B. Sub-tropical region C. Temperate region D. equatorial region.

20. Among Fog, Hail, Snowfall & Rains all are forms of precipitation except? A.fog B. Snowfall C. Rain D. None of these.

21. Laterite soil is poor in lime but rich in – A.iron B.phosphorous C.calcium D. None of these.

22. The .... in India are known as tidal forest- A. Desert forest B.mountain forest C.dry forest D. Wetlands

23. Clay particles are of size A. > 0.004 mm B. < 0.04 mm C. > 0.02 mm D. < 0.002.

24. Resource ecology also known as- A. Applied ecology B. Space ecology C. Ecosystem ecology D. Conservation ecology.

25. The quantity of living plant and animal materials is called- A. Biomes B. Biosphere C. Biomass D. All of these.

2021
GEOGRAPHY (Honours)
Paper Code: III - C
(Climatology, Soil & Bio Geography)
[New Syllabus]

Full Marks: 50   Time: Two Hours

The figures in the margin indicate full marks.

Group - A
(Climatology)

Section - I

Answer any one of the following questions.   10×1=10

1. Write a short note on composition and structure of the atmosphere. What is greenhouse effect?   3+5+2 = 10
2. Write a note on ice crystal theory of precipitation? What is Jetstream? 8+2 = 10

Section - II

Answer any four of the following questions.   5×4=20

3. What is inversion of temperature? What are the different types of inversion of temperature?   1+4= 5
4. What are differences between tropical and temperate cyclone?   5
5. What are the characteristics of tropical cyclone?   5
6. Write a short note on different types of pressure belts of the world.   5
7. Classify world climate according to Koppen.   5
8. What the characteristics of El Nino and La Nina?   5

Group B
(Soil and Bio Geography)
Section - III

Answer any *one* of the following questions.   10×1=10

9. Write down the prime factors of soil formation? What is soil profile? What are the characteristics of soil profile of the laterite soil?   5+2+3 = 10
10. What is ecology? Write a short note on factors of wetland degradation and steps can be taken for wetland conversion?   2+4+4 = 10

Section - IV
Answer any two of the following questions.   5×2=10

11. Write about the importance of NPK on soil fertility?   5
12. Differentiate between soil texture and structure.   5
13. Differentiate food chain and food web.   5
14. Write a note on bio-geochemical cycle of carbon.   5

UGB P-II (1+1+1) H/ Pr/ 2021 (N)
2021
Geography (H)
Fourth Paper
(Practical)
(New Syllabus)
Gour Mahavidyalaya

Full Marks: 50   **Time: Four Hours**

The figures in the margin indicate full marks

1. What are the different processes of measuring areas on a map? Define cadastral map? 5

2. Draw a neat graticule on cylindrical euqal area projection for the extension 40°N to 40°S, 20°W to 60°E, at interval 10°, scale 1:70,000000.

3. Describe the properties of map projection   15+5=20

4. Let a theodolite be set up at an inaccessible distance from a hill at the point A and later shifted to B which is 5 meter apart from point A on the same ground level. The angle of elevation from Point A point is 20° 30' and from point B is 35°. If the height of the instrument is 1.4 meter find out the height of the hill and plot it.   10

5. What is the difference between BM and RL in the Dumpy Level Survey?   2

6. The following table represents data collected during a Prismatic Compass Survey. Correct the bearings and plot the traverse with suitable scale. Adjust the closing error (if any) graphically and label the drawing neatly.   2+4+2=8

Station	Line	Length (Metres)	Observed Bearings	
			FB	BB
A	AB	41.50	S 50° 15' E	N 49° 45' W
B	BC	40.00	N 23° 45' E	S 24° 45' W
C	CD	53.50	N 61° 30' W	S 62° 00' E
D	DA	49.00	S 36° 00' W	N 35° 00' E

7. Laboratory notebook and viva voce.   5

Send the answer Key to email: gmgeographyexam@gmail.com