

Total No. of printed pages = 5

3(Sem 3)GGYM1

2015

GEOGRAPHY

(Major)

Paper : 3.1

(Soil and Biogeography)

Full Marks – 60

Time – Three hours

The figures in the margin indicate full marks for the questions.

1. Answer the following by choosing the most appropriate option given against each question :

1×7=7

(a) What is the most important determinant of soil colour ?

(i) Parent material

(ii) Chemical modifications

(iii) Amount of humous

(iv) Amount of manure used

[Turn over

- (b) The plants growing in water are called
- hygrophytes
 - hydrophytes
 - xerophytes
 - mesophytes
- (c) Which among the following is a characteristic of evergreen forest ?
- The trees never shed their leaves
 - All trees do not shed leaves simultaneously
 - When trees are leafless grasses remain green
 - All of the above
- (d) What is illuviation ?
- frequent tilling of soils
 - removal of soluble minerals from the top soil layers
 - deposition of soluble minerals in the lower layers
 - use of high doses of chemical fertilizers.

20/3 (Sem 3) GGY M1 (2)

- (e) Which one is sup environment ?
- Tropical rain
 - Temperate g
 - Hilly regions
 - Deep sea re
- (f) Which forms the ecosystem ?
- Herbivores
 - Plants
 - Carnivores
 - Omnivores
- (g) Which one of the hot spot ?
- Tropical fore
 - Temperate fo
 - Equatorial fo
 - Polar region

20/3 (Sem 3) GGY M1

2. Answer the following questions very briefly :

2×4=8

- (a) Define autotrophs.
- (b) What is calcification ?
- (c) What is ecological succession ?
- (d) What are the macro-nutrients in the ecosystem?

3. Write short notes on any *three* of the following :

5×3=15

- (a) Biomass
- (b) Soil texture
- (c) Biome
- (d) Histosols
- (e) Endangered species

4. (a) Describe various soil types and their associated properties.

10

Or

(b) Describe the soil forming processes highlighting the characteristics of soil profiles.

10

5. (a) What are the impacts of human activities on environment ? Illustrate with some local examples.

10

20/3 (Sem 3) GGY M1

(4)

4000(G)

(b) Give a comprehensive and characteristic

6. (a) What is biosphere of interaction among it.

(b) Highlight the major the biodiversity

20/3 (Sem 3) GGY M1

Total No. of printed pages = 4

3 (Sem 3) GGYM2

2015

GEOGRAPHY

(Major)

Paper : 3.2

(Economic Geography)

Full Marks - 60

Time - Three hours

The figures in the margin indicate full marks for the questions.

1. Answer the following questions : $1 \times 7 = 7$

- (a) What is pastoral nomadism ?
- (b) What is multiple cropping ?
- (c) Who is the creator of resource ?
- (d) What is population density ?
- (e) Which is the largest rice producing state in India.

[Turn over

(f) Mention two major wheat producing state of India.

(g) What do you understand by rainforest ?

2. Answer the following questions in brief :

2×4=8

(a) Distinguish between robi and kharif crops.

(b) What is open cast mining ?

(c) Define cottage industries and small scale industries.

(d) Examine the concept of resource conservation.

3. Answer any *three* of the following questions :

5×3=15

(a) Write a note on specialities of mediterranean agriculture.

(b) Explain the nature of relationship between resources and population growth.

(c) What is secondary activity ? Explain the role of raw material and energy resources in determining the location of an industry.

20A/3 (Sem 3) GGY M2 (2)

(d) Distinguish between resources with ex

(e) Give an outline energy use and i

4. What are the differer of economic geograp approach in this resp

What is economic systematic approach in detail.

5. Classify resources into basis of classification roles and principles th natural resources.

Describe the world di resources. Explain wi conservation and mana

20A/3 (Sem 3) GGY M2

6. Analyse the principles, concept and ideas of the Von Thunen model. 10

Or

Discuss the locational factors of cotton textile industries and briefly present the recent trend in production of cotton textiles in the world. 10