

(4)

Section - II

Answer any *two* questions. $10 \times 2 = 20$

3. Write down salient features on plantation agriculture with suitable examples. 10
4. Analyze the locational advantages of iron and steel industry in eastern India. 10
5. What do you mean by resource attributes ? Write a note on resource conservation principles. $3 + 7 = 10$
6. What do you mean by white coal ? Write a note on spatial distribution of coal in India. $2 + 8 = 10$

Section - III

7. Answer *all* the questions. $2 \times 5 = 10$
- (a) Intensive agriculture.
- (b) Petroleum refinery.
- (c) Labour intensive industry.
- (d) Fund resource.
- (e) Crop rotation.

P- II (1+1+1)H/15(N+O)

2015

GEOGRAPHY (Honours)

Fifth Paper

Full Marks : 50

Time : Two Hours

The figures in the margin indicate full marks.

[New Syllabus]

Group - A

(Geography of Resources)

(Marks : 30)

Section - I

Answer any *one* question. $10 \times 1 = 10$

1. Classify resource on the basis of resource creating factors. Explain the functional theory of resource. $3 + 7 = 10$
2. Discuss the uses and future prospect of solar energy in India. What do you understand by three dimensional nature of land ? $4 + 4 + 2 = 10$

Section - II

Answer any *four* questions. $4 \times 4 = 16$

3. Why 'land' is considered as resource ? Explain. 4
4. Give an account of the distribution of petroleum in India. 4

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5. Discuss the principle of resource conservation. 4
6. Discuss the causes of diminishing of importance of 'coal' as a source of energy at present days. 4
7. Discuss the threats that may appear in using the nuclear energy. 4
8. Discuss the various processes of a forestation. 4

Section - III

Answer *all* questions. 2×2=4

9. Write short note on the following :
(a) Phantom Pile.
(b) Anadromas and Catadromas fish.

Group - B

(Geography of Economic activities)

(Marks : 20)

Section - I

Answer any *one* question. 10×1=10

10. Give an account of distribution of petrochemical industry in India. Discuss the problems of this industry in India. 6+4=10
11. Give an account of the World distribution of 'Tea Cultivation'. 10

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Section - II

Answer any *one* question. 4×1=4

12. Most of the Iron and Steel Plants have been concentrated in middle-east part of India. Explain why ? 4
13. Differentiate between intensive and extensive cultivation. 4

Section - III

Answer *all* questions. 2×3=6

14. Write short note on :
(a) Tertiary Economic activities.
(b) Food Processing Industry.
(c) Sunrise Industry.

[Old Syllabus]

(Economic Activities)

Section - I

Answer any *one* question. 20×1=20

1. Examine agricultural systems of the world mentioning their ecological suitability. 20
2. Define energy crisis. Differentiate conventional energy from nonconventional energy. Why is water energy considered as flow resource ? Reviews on water energy potential in India. 2+4+4+10=20

P.T.O.

P- II (1+1+1)H/15(N+O)

2015

GEOGRAPHY (Honours)

Sixth Paper

Full Marks : 50

Time : Two Hours

The figures in the margin indicate full marks.

[New Syllabus]

Group - A

(Population Geography)

(Marks - 30)

Section - I

Answer any *one* question within 600-700 words.

10×1=10

1. Mention the basic criteria used by Ackerman for devising the World's regional scheme of population resource region. Describe the broad population resource region as carved out by Ackerman. 3+7=10

2. Describe the population growth in India in the light of demographic transition theory. 10

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Section - II

Answer any *four* questions.

(within 250 words) 4×4=16

3. What are characteristics of optimum population ? 4
4. Distinguish between total fertility rate and standard birth rate. 4
5. Briefly discuss about the ethnic composition of population in India. 4
6. What are the causes of forced migration ? 4
7. Briefly discuss the relation between poverty and fertility. 4
8. Why rural-urban composition is important for economic status of a country ? 4

Section - III

Answer *all* the questions.

9. Write short notes on the following : 2×2=4
 - (a) Refugees.
 - (b) Morbidity.

(3)

Group - B

(Political Geography)

(Marks - 20)

Section - I

Answer any *one* question within 600-700 words.

10. Classify boundaries based on origin and function. Write about physical boundaries in detail. 3+7=10
11. Do you think Mackinder's heartland theory is applicable for contemporary geo-politics ? Justify your answer. 10

Section - II

Answer any *one* question. 4×1=4

12. Assess the geopolitical importance of Indian ocean. 4
13. What are impacts of Cold War in World politics ? 4

Section - III

Answer *all* questions.

14. Write short notes on : 2×3=6
 - (a) Nation.
 - (b) Organic state.
 - (c) Political Geography.

P.T.O.

(4)

[Old Syllabus]

Section - I

Answer any *one* question. 20×1=20

1. Compare and contrast the population growth between developing and developed countries with suitable examples. Distinguish between over population and under population. 16+4=20

2. Analyse the concept of optimum population and explain how to achieve it. Discuss the economic and ethnic composition of population. 8+6+6=20

Section - II

Answer any *two* questions. 10×2=20

3. Describe different types of population density. 10

4. Discuss the World migration pattern since World War II. 10

5. What are the importance of age-sex pyramid in population study ? 10

6. Describe demographic transition theory in the context of Indian situation. 10

(5)

Section - III

Answer *all* questions.

7. Write short notes on the following : 2×5=10

(a) Dependency ratio.

(b) Zero population growth.

(c) Brain gain.

(d) Morbidity.

(e) Infant Mortality.

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5. Discuss briefly about the types of rural settlement based on the location and availability of resource. 10

6. Distinguish between the concepts of state, frontier and boundary. 10

Section - III

Attempt *all* questions. 2×5=10

7. Write short notes on the following :

- (a) Rural-urban fringe.
 - (b) Hamlet.
 - (c) Administrative Town.
 - (d) Marginal Crescent.
 - (e) Nation State.
-

P- II (1+1+1)H/15(N+O)

2015

GEOGRAPHY (Honours)

Seventh Paper

Full Marks : 50

Time : Two Hours

The figures in the margin indicate full marks.

[New Syllabus]

(Climatology)

Section - I

Answer any *two* questions. 10×2=20

1. Define insolation. Distinguish between insolation and temperature. Discuss elaborately the factors controlling of insolation. 2+3+5=10

2. Make an assessment on the types of jet streams. Write down the mechanism of frontal inversion of temperature briefly. 6+4=10

3. Discuss with suitable diagram about the genesis of jet streams. Define dry adiabatic lapse rate. 7+3=10

4. Describe the different pressure zones of the world with their causes of origin. What is trade wind ? 8+2=10

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Section - II

Answer any *five* questions. $4 \times 5 = 20$

5. Discuss in brief about the heat budget of the earth's atmosphere proposed by Glenn T. Trewartha and Strahler and Strahler. 4

6. Write down the characteristic features of orographic rainfall. 4

7. Discuss in short about the collision-coalescence process of precipitation. 4

8. Write a short note on chemical composition of the earth's atmosphere. 4

9. Mention the characteristic features of Indian monsoon. 4

10. Explain the vertical distribution of atmospheric pressure. 4

11. What is frontal rainfall ? Discuss the significance of norwester in West Bengal shortly. $1+3=4$

12. Write an explanation on favourable conditions for the origin of tropical cyclones. 4

Section - III

Answer *all* questions. $2 \times 5 = 10$

13. Write short notes on the following :

(a) NLR (Normal Lapse Rate)

(b) Stratopause.

(c) Mist.

(3)

(d) Rossby wave.

(e) Evapotranspiration.

[Old Syllabus]

(Settlement Geography and Political Geography)

Section - I

Answer any *one* question. $20 \times 1 = 20$

1. Discuss the effects of physical environment and cultural environment on the morphology of rural settlement. Assess the present environmental problems of rural settlement with special reference to India. $10+10=20$

2. Explain the geo-political status and importance of South-East Asia in the present the World. Write down the geo-strategic ideas proposed by Ratzel with its criticisms. $10+10=20$

Section - II

Answer any *two* questions. $10 \times 2 = 20$

3. Distinguish between the Western World rural settlement character and Eastern World rural settlement character. 10

4. Discuss the relevance of Heartland Theory in the present day world. 10

P.T.O.