2016

GEOGRAPHY

(Major)

Paper : 5.1

(Concept of Regional Development Planning and
Geography of Development of the
USA and Japan)

Full Marks : 60

Time : 3 hours

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

1. Answer the following questions as directed :

1×7=7

(a) The Colorado is a river / a mountain
range / a forest.

(Choose the correct one)

(b) The film-city Hollywood is on the
Atlantic coast / Interior plains / Pacific
coast.   (Choose the correct one)

(*Turn Over*)

(c) Like the North Atlantic Drift along the East Coast of the USA, which ocean current flows along the East Coast of Japan?

(d) Which of the following three power sources is more important for Japan? Hydel power / Tidal power / Wind power. (Choose the correct one)

(e) Internal homogeneity of selected criteria and external heterogeneity are the basis of delimiting a _____ region.

(Fill in the blank)

(f) A city region is a formal region / a functional region / an ad-hoc region.

(Choose the correct one)

(g) Of which geographic regions, Japan lies on the west and USA lies on the east?

2. Give short answers to the following : 2×4=8

(a) State two reasons of concentration of live-stock farming on the piedmonts on the western flank of the Mississippi valley.

(b) Do the names New England, New York, New Castle etc., suggest immigration of people? Why so?

A7/**109** *(Continued)*

(c) State how does bro Japanese ship-buil

(d) How will you suppo regions are functio

3. Answer any *three* questi

(a) What are the app development plann

(b) Elucidate the obj development plann

(c) Why are there 'agri USA?

(d) State the major f location in the US/

(e) State in brief the de Japan.

A7/**109**

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

10×3=30

    (a) "Japan's heavy industries are located along the coasts." Illustrate.

    (b) Explain the need, concept and purpose of grassroot planning.

    (c) Give a short report on the fishing industry of Japan.

    (d) Present a note on the Wheat Belts of the USA.

    (e) Describe the distribution pattern of iron-ore mines in the USA.

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GEOGRAPHY

(Major)

Paper : 5.2

(Regional Geography of India and SAARC Nations)

Full Marks : 60

Time : 3 hours

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

1. Answer the following questions :   1×7=7

   (a) What is the total population of India according to the Census of 2011?

   (b) Which State has the highest percentage of forest cover in India?

   (c) What is the total geographical area of India?

   (d) Which is the most important fibre crop of India and what soil is suitable for its growth?

   (e) During winter which part of India receives rainfall?

(*Turn Over*)

(f) Which SAARC country's Constitution specifies that at least 60% of the total land area shall be maintained under forest cover for all time to come?

(g) The first railway on Indian sub-continent ran over a stretch of 21 miles from Bombay to Thane. In which year did this historic event take place?

2. Answer the following questions : 2×4=8

(a) How and why does North-East India stand to gain from the Act East Policy?

(b) What advantages do air transport have over other modes of transport? Provide examples from India.

(c) Explain the concept of India's unity in diversity.

(d) What factors govern population density in North-East India?

3. Answer any *three* of the following questions :
5×3=15

(a) Discuss the distribution and production pattern of the iron and steel industry or the cotton textile industry in India.

(b) "Railways are the backbone of India's economy." Discuss this statement.

(Continued)

(c) Is India's population
What factors ur
distribution pattern?

(d) What factors inhibit
of agriculture in Ind

(e) Discuss the main fea
of India.

4. Answer any *three* of the fol

(a) Population distributi
activities are large
physiography, soil
Illustrate with exam

(b) Divide India into ag
and discuss the ma
one agro-climatic reg

(c) Is economic coope
possible among the
What are the cor
cooperation?

(d) Does the distributi
railways in India
pattern of developm
economy?

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GEOGRAPHY

(Major)

Paper : 5.3

(Cartographic and Quantitative Methods)

Full Marks : 60

Time : 3 hours

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

1. Answer the following questions :   1×7=7

   (a) What is the formula to find out the
   surface area of the earth?

   (b) What is the meaning of orthomorphism?

   (c) What is an 'alidade'?

   (d) What is polar coordinate system?

   (e) What is meant by 'bearing'?

A7/111   (Turn Over)

(f) If the value of coefficient of correlation between two variables X and Y is 0.6, what is its coefficient of determination?

(g) Write the formula to compute mean deviation.

2. Answer the following questions in brief : 2×4=8

(a) Define geodetic surveying.

(b) What is base map?

(c) Mention two properties of arithmetic mean.

(d) Mention two utilities of conical group of map projections.

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

5×3=15

(a) Briefly explain the techniques of point data representation in thematic maps. 5

(b) What is levelling? Briefly explain the procedure of levelling with the help of dumpy level. 1+4=5

(c) Write a note on choice of map projection for polar regions. 5

(d) What is time-series discuss its applicati study.

(e) Highlight the need geography.

4. With necessary illustra importance of cartograph

Or

Explain the procedure of help of dumpy level.

5. What is zenithal map p its basic principles, prop

Or

What do you mean by c dispersion? Discuss geographical study with

6. What is probability sam different types of proba respect to their disadvantages.

Or

What is regression re utilities in geographical

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2016

GEOGRAPHY

(Major)

Paper : 5.4

(**Population and Settlement Geography**)

Full Marks : 60

Time : 3 hours

The figures in the margin indicate full marks for the questions

1. Answer the following questions : 1×7=7

(a) How is sex ratio calculated?

(b) What is the third component of population change?

(c) On which principle is the k = 3 hierarchy based in Christaller's central place theory?

(d) What is the present population of the world?

(Turn Over)

(e) What does the shape of population pyramid reflect?

(f) Why is F. W. Notestein famous for?

(g) Where do we find star-shaped settlements?

2. Answer the following questions in brief : 2×4=8

(a) What do you understand by population composition?

(b) Distinguish between rural and urban settlements.

(c) What do you mean by literacy? How is the literacy rate calculated?

(d) Define overpopulation.

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

5×3=15

(a) Discuss the three stages of demographic transition in brief.

(b) Distinguish between the concepts of dichotomy and continuum.

(c) Discuss a few geographical factors that influence the distribution of population.

(Continued)

(d) Distinguish betwe factors of migratio

(e) Discuss the fact imbalance in the parts of the world.

4. Discuss the Malthus growth and its significa

Or

Discuss the trend population geography examples.

5. Discuss the major popu of the world.

Or

What is population-re Compare the condition underpopulation and with necessary illustrat

6. Discuss the morphol characteristics of settlements.

Or

Discuss the central pl Christaller.

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