

## Quarterly Examination 2017-2018

Std. : IX  
Subject : Geography

Full Marks : 80  
Time : 2hrs.+15min.

### Section A : [30 marks]

#### (Attempt all questions from Section A)

**Q1. Study the extract of the survey of India map sheet no 45 D/10 and answer the following questions :** [20]

- (a) What is the four figure grid reference of. [2]  
(1) spot height 1327  
(2)  $\Delta$  1401
- (b) What is the R. F of the given map. Define R. F. [2]
- (c) What do the following conventional symbol indicate : [4]  
(1) Red squares in 1809  
(2) Black dotted structure in 1711  
(3) Red squares in 1904  
(4) Black lines in 2004
- (d) Name two types of roads found on the survey sheet. [2]
- (e) Define the following terms. [4]  
(1) Causeway (2) fire line (3) contours (4) Broken ground
- (f) What is the contour Interval of the given map ? Which is the biggest settlement found here? [2]
- (g) What is the main occupation of the people on the given survey sheet. Give a reason to support your answer. [2]
- (h) Name and draw any two types of drainage pattern. [2]

**Q2. Mark and label the followings in an outline map of India.** [10]

- (a) River Son, River Narmada  
(b) Vindhya, Eastern Ghats  
(c) Gulf of Kutchh, Palk strait  
(d) Lake Chilka, Andaman Sea  
(e) Malabar coast, Thar desert

## Section B

(Attempt all give questions)

3. (a) How is the atmosphere of the Earth different from that of other planets ? [2]  
(b) What is a food chain ? Give example. [2]  
(c) What is the difference between Heliocentric and Geocentric theory ? [2]  
(d) Why is presence of water on Earth is essential for our survival ? [2]  
(e) Why does the moon experience a large range of temperature ? [2]
4. (a) Why are longitudes also called Meridians ? [2]  
(b) What is a tropical zone ? Mention its extent in terms of latitudes. [2]  
(c) What is the international Date line ? [2]  
(d) Give any two differences between latitude and longitude. [2]  
(e) What will be the time at 90°E when it is 10 a.m at 15 °E longitude ? [2]
5. (a) Write the climatic conditions under which laterite soil is formed ? Mention one advantage of this soil. [2]  
(b) Name the soil which :— [2]  
(i) is good for agriculture in northern India  
(ii) occurs in situ —  
(c) What is soil conservation ? Mention two methods of soil conservation in desertic area. [2]  
(d) Give a proper term for the following :— [2]  
(i) The removal of the top layer of soil over a large area by running water.  
(ii) Soils which are carried down by agents of gradation such as river —  
(e) Name one soil of volcanic origin found in India ? Write any one advantage of that soil. [2]
6. (a) What do you understand by the term exfoliation ? [2]  
(b) Name any two main agents of weathering. [2]  
(c) Which features are formed by a river in its middle course. Define a sand dune. [2]  
(d) What is a delta ? Name the largest Delta of the world ? [2]  
(e) Give any two constructive effects of Weathering ? [2]
7. (a) What is air pollution ? Name any two sources of this pollution. [2]  
(b) What are the major pollutants added by industries into water ? What is smelting of ores? [2]  
(c) Mention any two man made sources of noise pollution and of Radiation pollution. [2]  
(d) Distinguish between biodegradable and non-biodegradable pollution. [2]  
(e) What are the chief sources of soil pollution ? Burning of garbage is a major source of Pollution, explain. [2]