

## Final Term Examination 2017-2018

Std. : IX  
Subject : Geography

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

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Answer all the questions.

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

- a) Give the four figure grid reference of :— [4]
- i) settlement pamera                      iii) PTO  
ii) surveyed tree 271.                      iv) DB
- b) Define the following terms :- [2]
- i) Scale    ii) Contour Interval.
- c) Name two man made and two natural features in grid square 1116. [4]
- d) Write the difference in the pattern of drainage in grid square 2013 and 2019. [2]
- e) Mention two differences between settlement Bamba and settlement in grid 1619. [2]
- f) Mention the direction of settlement Hathal from (i) Anadra and (ii) Gulabganj. [2]
- g) Mention two modes of transport with conventional signs shown on the survey sheet. [2]
- h) i) What is the nature of the rivers found on the toposheet ? [1]  
ii) Mention the statement scale of the topo sheet. [1]

**Q2. On the outline map provided to you :** [10]

- a) Label the river Krishna and river Ravi.
- b) Mark and Label  $82^{\circ} 30'E$  meridian.
- c) Label the Nilgiris and satpura.
- d) Shade and label Gulf of Khambat and Andaman Sea.
- e) Shade and label Thar desert.
- f) Mark Ganga Plains.
- g) Mark and Label Tropic of Cancer.

**Q3. a) Define the following terms :-** [4]

- i) Asthenosphere    (ii) Core            (iii) Lithosphere            (iv) mantle
- b) Distinguish between oceanic crust and continental crust. [2]
- c) Name any four tectonic plates. [2]

- d) Give reason :- [2]
- i) The rocks in the inner core behave like solid than like liquid.
  - ii) The rocks in the upper portion of the mantle are more rigid.
- Q4.** a) Mention 2 features of metamorphic rocks. [2]
- b) Explain Rock Cycle. [2]
- c) Distinguish between extrusive and intrusive igneous rocks. [2]
- d) Mention any two economic significance of rocks. [2]
- e) Give reason :— [2]
- i) Sedimentary rocks are prone to weathering.
  - ii) Sedimentary rocks are called secondary rocks.
- Q5.** a) Mention two major features of the monsoon rainfall. [2]
- b) Write the location of the monsoon climatic region. [2]
- c) What are Kharif crops and Rabi Crops ? [2]
- d) Name two countries of South America having monsoon climate. [2]
- e) Mention two characteristics of the vegetation of tropical monsoon climatic regions. [2]
- Q6.** a) Explain two conditions favouring the installation of tubewells. [2]
- b) Write two advantages of canal irrigation. [2]
- c) Write two advantages of rooftop rain water harvesting. [2]
- d) Give a reason :— [2]
- i) Well irrigation suits Indian farmers.
  - ii) There is a need for the conservation of water resources.
- e) Name the canal system of river Mahanadi and of Sutliji river. [2]
- Q7.** a) Name the ore of aluminium. Describe two main uses of aluminium. [2]
- b) Which state is the leading producer of the following minerals ? [2]
- (i) coal (ii) oil (iii) iron ore (iv) copper
- c) Name four types of coal found in India. [2]
- d) Why is there a need for using renewable energy resources ? Mention two reasons. [2]
- e) Mention two advantages of solar energy. [2]