

**MODEL QUESTION**  
**MADHYAMIK EXAMINATION (SE) 2017**  
**GEOGRAPHY**  
**[New Syllabus]**

**Time ---3 Hours 15 Minutes**  
**(First 15 Mins. for reading the question**  
**paper only)**

**F.M - 90 (For Regular Candidates)**  
**F.M - 100 (For External Candidates)**

**GROUP-A**

**1. Choose the right answer:**

**1 × 14 = 14**

1.1) The altitude of lowland increases by---

- a) aggradation process      b) degradation process  
c) abrasion process      d) denudation process

MCQ Model Answer  
1.1. a) aggradation process

1.2) Bird's foot shaped delta is seen at the mouth of the river---

- a) Nile      b) Indus  
c) Hwang-Ho      d) Mississippi-Missouri

1.3) Amount of albedo is nearly---

- a) 32%      b) 33%  
c) 34%      d) 38%

MCQ Model Answer  
1.3. c) 34%

1.4) Change of seasons is not observed in---

- a) Tropical monsoon climate      b) Equatorial climate  
c) Hot desert climate      d) China type climate

1.5) Area of total surface covered by water on the Earth's surface is nearly---

- a) 61%      b) 81%  
c) 71%      d) 91%

1.6) Duration of both high tide and low tide is nearly---

- a) 2 hours.      b) 6 hours.  
c) 4 hours.      d) 8 hours.

1.7) An example of biomedical waste is---

- a) Vegetable pulp      b) Injection syringe  
c) Food packets      d) Waste soap water

1.8) The smallest state of India is---

- a) Sikkim      b) Tripura  
c) Goa      d) Mizoram

1.9) The plains formed at the foothills of the siwaliks by the deposition of pebbles and small boulders is known as---

- a) Khadar      b) Bhabar  
c) Bhangar      d) Bet

1.10) The most popular means of irrigation practised in India is---

- a) Well and tubewell      b) Tank  
c) Canal      d) Sprinkler



2.4) Answer in one or two words (Alternatives to be noted): 1 × 4 = 4

2.4.1) Name one ocean current of Atlantic Ocean.

OR

Name the measuring unit of air pressure.

2.4.2) Which is the highest peak of the Himalayas located in India?

OR

Name the famous waterfall on the river Narmada.

2.4.3) Which wind mainly controls the climate of India?

OR

Name the largest petrochemical centre of India.

2.4.4) Where has the major IT industrial park been set up in West bengal?

OR

Name one tax free port of India.

**GROUP - C**

3. Answer the following questions in brief (Alternatives to be noted): 2 × 6 = 12

3.1) What is the inversion of temperature?

OR

Name two hot deserts of southern hemisphere.

3.2) What is cold wall?

OR

What is catchment area?

3.3) What do you mean by liquid waste?

OR

What is waste management?

3.4) What do you mean by agriculture?

OR

What do you mean by ancilliary industry?

3.5) What is 'dun'?

OR

What is an 'entrepot'?

3.6) Mention two importance of satellite imagery.

OR

Mention two importance of topographical maps.

**GROUP - D**

4. Explain in brief (Alternatives to be noted): 3 × 4 = 12

4.1) Distinguish between Roche Moutonnee and Drumlin.

OR

Describe the influence of jet stream on monsoon winds.

4.2) What are the effective measures adapted for controlling gaseous waste?

OR

Discuss the role of students in waste management.

- 4.3) Why deltas have not been formed at the mouth of west flowing rivers of India?

OR

Distinguish between terrace farming and strip farming.

- 4.4) What are the main characteristics of satellite imagery?

OR

What are the different scales used in topographical maps?

### GROUP - E

**5.1) Answer any two questions (Sketches are not essential for Sightless Candidates ):**

**5 × 2 = 10**

- 5.1.1) Describe with diagram any two landforms formed out of glacial erosion.  
5.1.2) Give a brief account of troposphere and stratosphere layers of atmosphere.  
5.1.3) Discuss with diagram about the reasons of origin of any two pressure belts.  
5.1.4) Mention the location of mediterranean climate and discuss its characteristics.

**5.2) Answer any two questions:**

**5 × 2 = 10**

- 5.2.1) Discuss the distribution and characteristics of any two types of natural vegetation region of India.  
5.2.2) Mention the problems of Indian agriculture along with its remedial measures.  
5.2.3) Discuss the favourable conditions for the development of cotton textile industry in western India?  
5.2.4) Discuss the reasons of uneven distribution of population of different regions in India.

### GROUP - F

**6. Locate the following with appropriate symbols and names on the given outline map of India:**

**1 × 10 = 10**

- 6.1) Eastern Ghats range  
6.2) Loktak lake  
6.3) A drought prone area  
6.4) A laterite soil region  
6.5) A sugarcane producing region  
6.6) One automobile manufacturing centre of India  
6.7) A union territory of south India  
6.8) Headquarters of South Eastern Railways  
6.9) Marmagao port  
6.10) River Godavari

OR

**[FOR SIGHTLESS CANDIDATES ONLY]**

6. Answer the following questions:

1 × 10 = 10

- 6.1) Name the process by which the rock layer of the earth's crust is exposed on the surface.
- 6.2) What is the name of the steep ridge lying between two corries?
- 6.3) What is measured by Beaufort scale?
- 6.4) By which unit relative humidity is expressed?
- 6.5) What instrument restricts emission of carbon particles from gaseous waste?
- 6.6) What is the main reason for occurrence of tides?
- 6.7) Name the highest mountain peak of India.
- 6.8) Name a cold desert region in India.
- 6.9) Which state ranks first in per hectare production of rice in India?
- 6.10) Name the petrochemical centre in West Bengal.

**GROUP - G**

**[FOR EXTERNAL CANDIDATES ONLY]**

7.1) Answer any three questions:

2 × 3 = 6

- 7.1.1) What do you mean by Barkhan?
- 7.1.2) What is precipitation?
- 7.1.3) What is waste?
- 7.1.4) What is ocean current?

7.2) Answer any four questions:

1 × 4 = 4

- 7.2.1) Name the largest state of India.
- 7.2.2) Name the leading state of India in rain water harvesting.
- 7.2.3) Which state ranks first in production of sugarcane in India?
- 7.2.4) Which region of India has greatly developed in petrochemical industry?
- 7.2.5) Which is the most populated state of India?
- 7.2.6) Name one rice research centre in India.