



Total Score

Name \_\_\_\_\_ School \_\_\_\_\_

Division \_\_\_\_\_ Grade \_\_\_\_\_ State \_\_\_\_\_

**General instructions** - Respond to each of examination questions in the space provided. Only answers written in the appropriate space on the answer document will be marked. Where appropriate, you should write sentences or phrases instead of single words. If a question or section asks for a specific number of reasons or answers, give only the number of answers specified. Please write clearly and legibly.

### 2025 Free Response Exam Answer Sheet

#### Section 1 [20 points]

1. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. stage of the DTM \_\_\_\_\_  
prospects for population \_\_\_\_\_  
\_\_\_\_\_

4. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5. \_\_\_\_\_  
\_\_\_\_\_

6. European country \_\_\_\_\_

7. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Section Score

**Section 2 [11 points]**

1. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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\_\_\_\_\_

4. \_\_\_\_\_

\_\_\_\_\_

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\_\_\_\_\_

Section Score

**Section 3 [19 points]**

1. tombolo \_\_\_\_\_ sea stack \_\_\_\_\_ spit \_\_\_\_\_ tied island \_\_\_\_\_  
natural arch \_\_\_\_\_ lagoon \_\_\_\_\_ cliff \_\_\_\_\_

2. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. \_\_\_\_\_  
\_\_\_\_\_

5. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

6. Draw diagram here

Section Score

**Section 4 [18 points]**

1. PGA calculations - epicenter \_\_\_\_\_ Ahmedabad \_\_\_\_\_ Mumbai \_\_\_\_\_ New Delhi \_\_\_\_\_

Show your work in the space provided. Partial credit will be awarded for properly constructed equations.

2. distance in km – Ahmedabad \_\_\_\_\_ Mumbai \_\_\_\_\_ New Delhi \_\_\_\_\_

3. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

6. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Section Score

**Section 5 [11 points]**

1. After each of the following, write E for erosion or D for deposition.

barchan dunes \_\_\_\_\_ desert pavement \_\_\_\_\_ desert varnish \_\_\_\_\_ yardangs \_\_\_\_\_ mushroom rocks \_\_\_\_\_

2. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Section Score

**Section 6 [10 points]**

1. farming method \_\_\_\_\_

2. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Section Score

**Section 7 [11 points]**

1. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Section Score