



GEOGRAPHY

BOOKS - FULL MARKS GEOGRAPHY (HINGLISH)

INTRODUCTION TO AERIAL PHOTOGRAPHS

**Ncert Textbook Question With Answers | Multiple
Choice Questions**

1. In which of the following aerial photographs the horizon appears?

A. Vertical

B. Near-vertical

C. Low-oblique

D. High-oblique.

Answer:



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2. In which of the following aerial photographs the Nadir and the principle points coincide?

- A. Vertical
- B. Near-vertical
- C. Low-oblique
- D. High-oblique.

Answer:



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1. State any three advantages that an aerial photograph offers over ground based observations,



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2. How is an aerial photograph taken?



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3. Present a concise account of aerial photography in India.



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4. What are the two major uses of an aerial photograph? Elaborate.



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5. What are the different methods of scale determination?



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Additional Question With Answers | Multiple Choice Questions

1. Which of the following is not a type of aerial photograph on the basis of axis of the camera?

- A. Vertical photographs
- B. Low oblique photographs
- C. High oblique photographs

D. Oblique photographs

Answer:



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2. When and which city of India was the first where aerial photograph was taken?

A. Gaya (1905)

B. Varanasi (1910)

C. Agra (1920)

D. Lucknow (1930)

Answer:



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3. When and which country of the world was the first where aerial photograph was taken?

A. France (1909)

B. Germany (1910)

C. Australia (1922)

D. USA (1858)

Answer:



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4. The perpendicular distance between the camera lens and the negative plane is known as what?

A. Orthophoto

B. Aerospace

C. Focal length

D. Flying image

Answer:



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5. What is the perpendicular distance from the perspective centre to the plane of the photograph called?

A. Principal point

B. Principal distance

C. Oblique

D. Vertical length

Answer:



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Additional Question With Answers | Very Short Answer Type Questions

1. What are aerial photographs?



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2. What is the difference between aerial photographs and satellite images?



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3. Name the eight elements used to describe Satellite images.



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4. What is a satellite image?



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5. What is a small scale photograph?



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6. What are fiducial marks?



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7. What are orthophotos?



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8. What are the different bases used for classifying aerial photographs?



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9. Why can we use aerial photographs as historic record?





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10. How can aerial photograph be used to derive the photo scale formula?



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11. What is Orthogonal Projection?



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Additional Question With Answers Iii Short Answer Type Questions

1. What are the advantages of aerial photographs?



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2. The distance between two points on an aerial photograph is measured as 2 centimetres. The known distance between the same two points on the ground is 1 km.

Compute the scale of the aerial photograph (Sp).



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3. The distance measured between two points on a map is 2 cm. The corresponding distance on an aerial photograph is 10 cm. Calculate the scale of the photograph when the scale of the map is 1: 50,000. Ans.



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4. Compute the scale of an aerial photograph when the flying height of the aircraft is 7500 m and the focal length of the camera is 15 cm.



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5. Differentiate between:

Aerial photograph and map.



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6. Differentiate between:

Aerial photographs and satellite images.



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7. Differentiate between:

High oblique photograph and low oblique photograph



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8. Differentiate between:

Vertical photograph and high oblique photograph



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9. Differentiate between:

Vertical photograph and low oblique photograph



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Additional Question With Answers Iv Long Answer Type Questions

1. Explain about different types of aerial photographs on the basis of position of camera axis.



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2. How can we classify aerial photographs on the basis of scale?



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3. Explain in detail about aerial photographs and satellite images.



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4. Explain different types of projection.



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Additional Question With Answers V Viva Questions

1. Name three agencies eligible to take aerial photographs in India.



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2. How can aerial photograph be used to derive the photo scale formula?



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3. How can scale of aerial photographs be obtained by establishing relationship between Photo Distance and Ground Distance?



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4. Explain how can scale of aerial photograph be measured by establishing relationship between Photo Distance and Map Distance?



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5. Scale of an aerial photograph is 1:20,000. It will be called what type of photograph?



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6. Some photographs are obtained when the camera axis is intentionally inclined about 60° from the vertical axis. It will be called what type of photograph?



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7. What is the visibility range of our eyes and film of aerial photographs?



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