

[Time: 2.30 Hours]

[Marks: 60]

Please check whether you have got the right question paper.

- N.B:
1. All questions are compulsory
 2. Each question carry equal marks.
 3. Draw neat labelled diagrams wherever necessary.

A. Answer **any two** of the following: **12**

1. An insurance claim has been filed for accident suspected to be a case of staged accident. Explain how will you investigate the case.
2. Describe the crime of metal theft.
3. Describe the concept of load transfer path with the help of suitable example.

B. Answer **any two** of the following: **12**

1. Differentiate between Forensic Archaeology and Forensic Anthropology. Elaborate on the role of Forensic Archaeologist.
2. Describe the various active search methods used in locating human remains
3. Give the archaeological principles

C. Answer **any two** of the following: **12**

1. What are diatoms? Explain the procedure for processing of sample for diatoms.
2. Enlist various tests used to carry out soil analysis.
3. Explain the physical and microscopic examination of gems and stones.

D. Answer **any two** of the following: **12**

1. What is 'superimposition technique'? Give a case study.
2. Describe how age progression is performed in forensic artistry.
3. Give the role of papers in forensic art.

E. Write short notes on: (**Any three**): **12**

1. Photogrammetry
 2. Role of cadaver dogs in searching of human remains
 3. Laws of Stratigraphy
 4. Significance of pollen evidence
 5. Charles Lindbergh case study.
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