

Section A

(Answer the questions in not more than 100 words. Each question carries 2.5 marks.)

1. 'No scientific law can be verified'. Do you agree with this statement, Explain your answer.
2. 'Confirmation should depend on the form of the hypothesis, not the content of the hypothesis'. Do you agree with this statement, Explain your answer.
3. Critically evaluate consistency condition as a necessary condition of confirmation .
4. Give an example each of a hypothesis and evidence in a detective investigation. And analyse whether the relation between the hypothesis and the evidence is deductive or inductive.

Section B (Raven paradox)

(Answer the questions in not more than 150 words. Each carries 5 marks.)

5. Explain the raven paradox. And analyse whether any hidden premises are involved in the construction of the paradox.
6. Explain Hempel's solution to the paradox.
7. Give your own argument either in favour or against Hempel's solution. (use your own examples to articulate the position)