

CLASS TEST  
FYUGP 3<sup>rd</sup> Semester  
Subject: Geography  
Paper: Geography as a spatial Science

NAME: Lucky Nandi

Roll No. 211

Time: 45 Minutes

Marks: 25

Q. No. 1 Choose the correct answer

1×5= 5

a. Inductive method is-

- (i) Top-down approach  
(ii) Bottom-up Approach  
(iii) None of the above

(ii)

1

b. Deductive approach generally starts with-

- (i) Research Questions  
(ii) Hypothesis

(ii)

1

c. Hypothesis is

- (i) Pre determined assumptions  
(ii) Conclusion

(i)

1

d. Which of the following is correct sequence about inductive approach

- (i) Observation → tentative hypothesis → pattern → Theory  
(ii) Observation → pattern → tentative hypothesis → Theory  
(iii) Theory → hypothesis → observation → confirmation

(ii)

1

e. Kosmos was written by-

- (i) Carl Ritter  
(ii) Humboldt  
(iii) Herodotus

(i)

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Q.No. 2 Write short answer

3×4=12

a. What are the steps of scientific geographic research?

Answer: i) Formulation the pattern problem.  
ii) Definition of hypothesis

2 iii) Determination of the type of data to be collected.

b. Write three characteristics of deductive method.

Answer: The three characteristics of deductive method are: - i) The deductive approach is aim 'to testing theories

4 ii) This approach believe in the scientific and well managed.

iii) This approach is simple but much more confine to pre-determine theory.

c. Write three characteristics of inductive method.

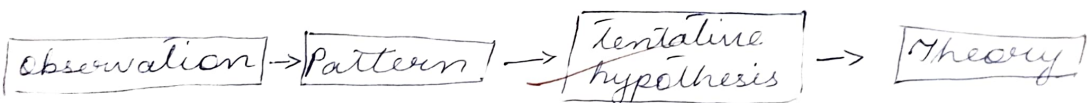
Answer: The three characteristics of inductive method is :-  
i) This approach show the cost effect relationship.

ii) This approach is more scientific based on empirical observation.

iii) Inductive approach is concerned with the new generation of new theories emerging from the data.

Q. No. 3 what do you mean by inductive and deductive method? Write with example. 8

Answer: Inductive Method :- Inductive approach is just opposite of the deductive method. When particular example are used to reach a general conclusion about something the data approach is consider to be inductive. In this approach, empirical observation place vital role and the study being with scientific observation of the scientific phenomena. This approach is also called bottom up Approach.



Deductive Method :- Deductive approach requires the geographer to work general to scientific. The scientific study of scientific phenomena is done in this approach. This approach is also called top-down approach.

