

Register Number:

Name of the Candidate:

B.Ed. DEGREE EXAMINATION, May 2015

(SECOND YEAR)

806: CONTENT AND METHODOLOGY OF TEACHING NATURAL SCIENCE-II

(New Regulations/ Old Regulations)

Time: Three hours

Maximum: OR -80 marks

: NR -75 marks

SECTION-A

(10× 2= 20)

Answer ALL questions in about 70 words each

1. Define the importance of Biology?
2. What are the criterias for selection of content?
3. Mention about NCERT curriculum.
4. List out the other subjects correlation to the Biology
5. Explain the concept of Teaching modules.
6. What are the characteristics features of Biology teacher?
7. What do you mean by biographical method?
8. List out the activities of science club.
9. What is Genetic engineering?
10. What is the need of environmental education?

SECTION-B

(5× 5 = 25)

Answer any FIVE questions in about 250 words each

11. Explain the importance of BSCS curricular model.
12. What are the segment features of demonstration method?
13. What is the role of CAI in Biology Teaching?
14. Describe professional equipment training for the Biology teacher.
15. What are the importance of school garden in Biology teaching?
16. Explain the concept of heuristic and its significance.
17. Enumerate the advantages and disadvantages of Project method.
18. Mention about new developments in Biology.

SECTION-C

(2× 15 = 30)

Answer the following questions each in about 750 words

19. a) Describe the various principles of curriculum construction for biology.
(OR)
b) What is programmed instruction? What are its principles, various steps involved in programmed instruction?
20. a) Define the importance of Biology laboratory and maintenance, safety measures needed for biology laboratory.
(OR)
b) Explain the role of fieldtrip in teaching of Biology science and its merits and demerits.
