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20. (a) What is CAI ? Discuss the various modes of CAI and its effectiveness in teaching Chemistry.

(OR)

(b) Discuss in detail about Flander's interaction analysis.

Register Number :

Name of the Candidate :

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B.Ed. DEGREE EXAMINATION, 2010

(SECOND YEAR)

(PAPER - XI)

**705. INNOVATIONS, TRENDS
AND APPROACHES IN TEACHING
OF CHEMISTRY - II**

December]

[Time : 3 Hours

Maximum : 80 Marks

SECTION - A (10 × 2= 20)

Answer ALL questions.

Each answer should in about 70 words .

All questions carry equal marks.

1. What are the remedial programs?
2. Mention the needs for evaluating science teachers.
3. What do you mean by reviewing of lessons?
4. What is EDUSAT ?

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5. Mention the basic principle of programmed learning.
6. Give the type of assignments that can be given for Chemistry lessons.
7. Mention two bodies involved in educational research.
8. What are self learning devices ?
9. What is interaction analysis ?
10. What is internet ?

SECTION - B (6 × 5= 30)

*Answer any SIX questions
in about 250 words each.*

All questions carry equal marks.

11. Explain briefly about branched programming and its advantages.
12. What is teleconferencing ? List its advantages.
13. Bring out the advantages of assignment method in Chemistry teaching.
14. Explain the need for students' evaluation of teachers with its advantages and disadvantages.

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15. What measures should be undertaken to ensure proper utilization of science education research with special reference to Chemistry education ?
16. Write the advantages of individualisation of instruction.
17. Explain the role of teacher in assignment method.
18. What is diagnostic test ? List the important differences between achievement test and diagnostic test.

SECTION - C (2 ×15= 30)

Answer the following in about 750 words each.

All questions carry equal marks.

19. (a) Explain the need and importance of reviewing Chemistry lessons. Discuss any two techniques of reviewing Chemistry lessons.

(OR)

- (b) Discuss in detail about educational applications in internet.

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