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Register Number

Name of the Candidate:

B.Ed. DEGREE EXAMINATION, May 2015**(FIRST YEAR)****604: CONTENT AND METHODOLOGY OF TEACHING PHYSICAL SCIENCE-I**

(New Regulation/Old Regulation)

Time: Three hours

Maximum: OR-80 marks
NR-75 marks**SECTION-A****(10×2=20)****Answer ALL questions****Each answer should not exceed 250 words**

1. What is meant by inter disciplinary approach?
2. Define curriculum.
3. Mention any two important advantages of field trips.
4. Mention the need for a link lesson.
5. Write a short note on heuristic methods.
6. List down the uses of internet in teaching of physical science.
7. What is the need for in service training?
8. What are self learning packages?
9. What the need for diagnostic test?
10. What is blue print?

SECTION-B**(5×5=25)****Answer any FIVE questions****Each answer should not exceed 250 words**

11. Write a short note on Edusat.
12. Bring out the difference between microteaching and macro teaching.
13. Discuss about the CAI method.
14. Discuss the special qualities of needed for a science teacher.
15. Explain the components of 'Skill of explaining' with an episode.
16. Explain the characteristics of a good test.
17. Explain how will you organise a practical class.
18. How will you prepare linear programming in science teaching?

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SECTION-C**(2×15=30)****Answer ALL questions****Each answer should not exceed 750 words**

19. a) Prepare a lesson plan for any one topic in IX standard science.

(OR)

- b) Explain in detail the Bloom's Taxonomy in teaching science.

20. a) How will you construct an achievement test on any one science topic in the IX standard?

(OR)

- b) What is programmed instruction? Explain its characteristics, types and advantages.

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