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- (b) Describe the recommendations of Kothari Commission with reference to science education.
20. (a) Describe the important points to be borne in mind while organizing and maintaining a physical science laboratory at secondary school level.

(OR)

- (b) What are the characteristics of a good science text book? Explain any one method of evaluations of a science text book.

Register Number :

Name of the Candidate :

**7 7 6 5**

**B.Ed. DEGREE EXAMINATION, 2010**

( SECOND YEAR )

( PAPER - XII )

**804. CONTENT AND METHODOLOGY OF  
TEACHING PHYSICAL SCIENCE - II**

December ]

[ Time : 3 Hours

Maximum : 80 Marks

**SECTION – A** ( 10 × 2 = 20 )

*Answer all the questions*

*in about 70 words each.*

*All questions carry equal marks.*

1. What are the advantages of a science fair?
2. What is first-aid? Write the first aid for an electric shock.
3. Mention any two deciding factors of science curriculum construction.

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4. List any two latest inventions in Physics/ Chemistry.
5. What is In-service training?
6. Give one example to show how science club activities can help in tapping the creativity of students.
7. List any two objectives of science club.
8. Write the objectives of PSSC.
9. What are the points to be considered while preparing a laboratory Indent?
10. What are the various types of In-service programmes for science teachers?

**SECTION – B** ( 6 × 5 = 30 )

*Answer any SIX questions  
in about 250 words each.  
All questions carry equal marks.*

11. Explain the special qualities required of a science teacher.
12. Write a note on “First-aid Kit”.

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13. How will you develop disciplinary values among students?
14. Explain the individual work and groups work in science laboratory.
15. Explain the salient features of CHEM study.
16. How will you plan the storage of chemicals and apparatus in a science laboratory?
17. Explain the values of teaching physical science.
18. What are the principles of curriculum construction?

**SECTION – C** ( 2 × 15 = 30 )

*Answer the following questions  
in about 750 words each.  
All questions carry equal marks.*

19. (a) What is scientific attitude? Explain how scientific attitude could be developed in pupils by the common teaching methods.

(OR)

**Turn Over**