

AVINASHILINGAM INSTITUTE FOR HOME SCIENCE AND HIGHER
EDUCATION FOR WOMEN

Coimbatore – 641 043.

Continuous Internal Assessment Test II - October 2018

Semester III

Class: II B.Ed

Time : 2 Hrs

Max. Marks : 60

17BEDP13 School Subject I: Curriculum and Resources in Physical Science Education

PART – A

Circle the correct answer

5 x 1 = 5

1. ISBN stands for
a. International Serial Book Number b. International Standard Book Number
c. Indian Standard Book Number d. International Science Book Number
2. The most commonly used indicator in higher secondary lab is
a. Litmus b. Phenolphthalein
c. Methyl Orange d. Universal indicator
3. Laboratories should be situated in the
a. Ground floor b. First floor
c. Anywhere in the campus d. Top most floor of the building
4. Typical common apparatus used for heating in lab is
a. Lantern b. Bunsen burners c. Stove d. Woods
5. Which is the best type of evaluation that keeps the teacher in the track in his teaching career?
a. Evaluation by students b. Evaluation by peer members
c. Evaluation by the higher authorities d. Evaluation by the teacher himself/herself

PART – B

Answer the following in one or two sentences

5 x 2 = 10

6. Sketch the diagram of two improvised science apparatus.
7. What do you mean by Aqua regia?
8. Give any two examples each for deliquescent and hygroscopic substances.
9. List out any four science journals.
10. Expand CCE. What are its merits?

PART – C

3 x 5 = 15

Answer the following questions

Answer should not exceed 200 words or one page

11. a. List out the names of any 10 scientists and their biographies/autobiographies.
(or)
11. b. Mention the different types of registers and records maintained in science laboratory? Explain in detail the different stock registers with illustration.
12. a. Enumerate the ways to procure and organize materials in science lab?
(or)
12. b. What are the precautions to be taken while storing hazardous chemicals in science laboratory?
13. a. What are the different types of books present in a library?
(or)
13. b. Differentiate diagnostic testing and achievement test.

PART - D

2 x 15 = 30

Answer the following

Answer should not exceed 700 words or four pages

- 14 a How will you organise and maintain a science library?
- 14 b Explain the different accidents that could happen in science laboratory and what first aid could be given for it?
- 15 a Draw a neat plan for a physics/ chemistry lecture cum laboratory and explain the different requirements.
- 15 b Explain in detail on Diagnostic testing. What are the different remedial instructional methods you could adopt for effective teaching - learning process?