

**Avinashilingam Institute For Home Science And Higher Education For Women  
Coimbatore – 641 043.**

**Continuous Internal Assessment Test II - October 2019  
SEMESTER II**

Class : **II B.Ed** Time: 2 Hrs.  
Major: **Education** Max. Marks: 60  
**18BEDP13/18BDSP13 Curriculum and Resources in Physical Science**  
**Education**

**Course Outcomes:**

- CO1: **Identify the component of different microteaching skills**
- CO2: **Operate the different educational technology gadgets**
- CO3: **Design and arrange a science laboratory and prepare the registers required for a lab**
- CO4: **Demonstrate the ways of administering first aid**
- CO5: **Catalogue the periodicals and books in the library**
- CO6: **Construct and validate diagnostic test and achievement test**

**PART – A**

**5 x 1 = 5**

**Choose the correct answer**

1. The most commonly used indicator in higher secondary lab is CO 3 K3
  - a. Methyl orange b. phenolphthalein c. litmus d. Universal indicator
2. ISBN stands for CO3 K2
  - a. International Serial Book Number
  - b. Indian Standard Book Number
  - c. International Standard Book Number
  - d. International Science Book Number
3. Laboratories should be situated in the CO4 K3
  - a. Anywhere in the campus b. Ground floor
  - c. Top most floor of the building d. First floor
4. Typical common apparatus used for heating in lab is CO4 K3
  - a. Bunsen burners
  - b. Lantern
  - c. Stove
  - d. Woods
5. Which is the best type of evaluation that keeps the teacher in the track in his teaching career? CO5 K4
  - a. Evaluation by the higher authorities b. Evaluation by the teacher himself/herself
  - c. Evaluation by peer members d. Evaluation by students

**PART – B**

**5 x 2 = 10**

**Answer the following in one or two sentences**

6. Sketch the diagram of two improvised science apparatus CO3 K4
7. What do you mean by Aqua regia? CO4 K3
8. Give any two examples each for deliquescent and hygroscopic substances. CO5 K4
9. List out any four science journals. CO5 K3
10. Expand CCE. What are its merits? CO4 K4

**PART – C**

**3 x 5 = 15**

**Answer ALL Questions**

**Answer should not exceed 200 words or one page**

11. a. Mention the different types of registers and records maintained in science laboratory? Explain in detail the different stock registers with illustration. CO3 K3
11. b. List out the names of any 8 scientists and their biographies/autobiographies CO4 K2

12. a. Enumerate the ways to procure and organize materials in science lab? CO4 K4  
(OR)
12. b. What are the precautions to be taken while storing hazardous chemicals in science laboratory? CO4 K4
13. a. Differentiate diagnostic testing and achievement test. CO5 K3
13. b. What are the different types of books present in a library? CO4 K2  
(OR)
- PART – D**  
**2 x 15 = 30**
- Answer the following**  
**Answer should not exceed 700 words or four pages**
14. a. Explain the different accidents that could happen in science laboratory and what first aid could be given for it? CO3 K3
14. b. How will you organise and maintain a science library? CO4 K3  
(OR)
15. a. Explain in detail on Diagnostic testing. What are the different remedial instructional methods you could adopt for effective teaching - learning process? CO5 K4
15. b. Draw a neat plan for a physics/ chemistry lecture cum laboratory and explain the different requirements. CO4 K3  
(OR)

No. needed: 40