

**AVINASHILINGAM INSTITUTE FOR HOME SCIENCE AND HIGHER
EDUCATION FOR WOMEN, Coimbatore – 641 043.
Continuous Internal Assessment Test II - March 2019**

Class: II B.Ed

Semester IV

Time : 2 Hrs
Max. Marks : 60

17BDSP14/17BEDP14 School Subject I: Professionalising Physical Science Education

PART – A

Choose the correct answer

5 x 1 = 5

1. MOOC stands for
a. Massive Online Open Course b. Masters in Online Open Course
c. Masters in Open Online Course d. Massive Open Online Course
2. The letter “e” in e-content stands for the word
a. electric b. eclectic c. electronic d. effective
3. The model used for e content development is
a. ADDEI b. AEDDI
c. ADDIE d. ADEDI
4. The research used to find out solutions to classroom problem is ____ research.
a. Action b. Applied
5. Conducting a science debate is a ____ activity
a. Co curricular b. Extracurricular
c. Curricular d. Combination of all

PART – B

Answer the following in one or two sentences

5 x 2 = 10

6. What do you understand by e learning?
7. Expand SWAYAM.
8. What are the different co curricular activities that could be conducted in a school?
9. List out the different activities that could be carried out in a science club.
10. Differentiate riddles and puzzles. Give an example for each.

PART – C

Answer the following questions

3 x 5 = 15

Answer should not exceed 200 words or one page

- 11 a. Define e content. Bring out its importance in science learning.
(or)
- 11 b. Prepare a script for a e content on “atomic structure”.
12. a. What are the objectives of organizing science exhibition?
(or)
- 12 b. Compare action research and fundamental research.
- 13 a. List out any five science related clubs and mention its objectives.
(or)
- 13 b. Design a project proposal for action research in science teaching.

PART – D

Answer the following

Answer should not exceed 700 words or four pages

2 x 15 = 30

- 14 a. What are the phases involved in e content development?
- 14 b. List out any 10 e-learning tools and classify them as synchronous and asynchronous e-learning tools
- 15 a. As a Science teacher, how will you organize a field trip to a place of scientific importance?
- 15 b. Explain the structural and functional organization of a science club.