



Maurice

Avinashilingam Institute for Home Science and Higher Education for Women

(Deemed to be University Estd. u/s 3 of UGC Act 1956, Category A by MHRD)
Re-accredited with 'A++' Grade by NAAC. Recognised by UGC Under Section 12B
Coimbatore - 641 043, Tamil Nadu, India

Continuous Internal Assessment Test II – April 2024

SEMESTER- IV

Class : II B.Ed

Max. Marks: 60

Time: 2 Hrs

22BEDB14– School Subject I - Professionalising Biological Science Education

Course outcomes

- CO1 describe the importance of pedagogical content analysis and interpret the content of different Boards of Education
CO2 analyse and evaluate textbooks
CO3 design and develop e-content material
CO4 conduct action research
CO5 organise science exhibitions and science fairs

PART – A

Choose the correct answer

6 x 1 = 6

1. An example for digital content is CO3K2
a. books b. journals c. textbooks d. Slide presentations
2. 'Creating content' is a part of which phase in econtent module development? CO3K2
a. design b. development c. analysis d. implementation
3. A concept or abstract idea that can be described in measurable terms is CO4K1
a. variables b. objectives c. Pure research d. Basic research
4. Research pertaining to natural laws is the example of CO4K2
a. Pure research b. Action research
c. Applied research d. Qualitative research
5. Science fairs are organised by CO5K1
a. schools b. teachers
c. students d. Government educational institutions
6. One of the important Biological sciences resource centre is CO5K2
a. National parks b. Planetarium
c. National Science Centre d. Science Museums

PART – B

Answer ALL questions

3 x 6= 18

Each answer should not exceed 200 words

7. a. Analyse the importance of Audio/Video aids in e-content module development CO3K4
(OR)
7. b. Write the e-content script for any biological content CO3K5
8. a. Explain independent and dependent variables with suitable examples CO4K3
(OR)
8. b. Describe the types of research with suitable examples CO4K3
9. a. Explain the organisation structure in science clubs CO5K3
(OR)
9. b. Elucidate the need and significance of co-curricular activities CO5K4

PART – C

Answer ALL questions

3 x 12 = 36

Answer should not exceed 800 words

10. a. Describe the steps involved in script writing of an e-content module development CO3K3
(OR)
10. b. Explain the phases in e-content module development CO3K4
11. a. Explicate the characteristic features of research CO4K3
(OR)
11. b. Explain the steps involved in action research CO4K4
12. a. Analyse the factors governing the effectiveness of Science Club in Schools CO5K4
(OR)
12. b. How do you organise an educational tour in schools? CO5K5

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