

Second Year B.Ed. Examination, April/May 2019
EDU – 12 : ACTION RESEARCH

Duration : 1 Hour

Max. Marks : 30

Instructions : i) **All questions are compulsory.**
ii) **Use of simple calculator is permitted.**

1. Answer **any three** questions in about **200** words : **(3×5=15)**

- What do you understand by Action Research ? Why is it so necessary at school ?
- Explain the types of interviews citing relevant examples.
- Explain the format of a research report with a brief description of every component.
- You are provided with two sets of scores for 10 students. Calculate the Coefficient of Correlation using the Rank Difference Method of Correlation. Also interpret the value obtained.

Student	A	B	C	D	E	F	G	H	I	J
Science Scores	12	17	11	19	16	20	5	7	14	10
English Scores	11	12	13	14	16	10	9	8	18	17

2. Write short notes on **any five** questions in about **200** words **each** : **(5×3=15)**

- Sources of problems for action research.
 - Advantages of a questionnaire.
 - Difference between action research and educational research.
 - Three statistical tools to analyse quantitative data.
 - Precautions to be taken while writing the bibliography.
 - Characteristics/features of a pre-test post-test one group design.
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MRW – 04

Second Year B.Ed. Examination, April/May 2019
EDU – 13 : ENVIRONMENT EDUCATION

Duration : 1 Hour

Total Marks : 30

1. Answer **any three** in about **200** words : **(3×5=15)**
- a) What is global warming ? Explain the causes and effects of global warming.
 - b) Explain the meaning of sustainable development and write the objectives of education for sustainable development.
 - c) Define natural resources. Suggest few measures for conservation of natural resources.
 - d) Suggest some alternative sources of energy that could be used to solve the problem of energy crisis.
2. Answer **any five** in about **100** words **each** : **(5×3=15)**
- a) Objectives of Tibilisi conference.
 - b) Objectives of an Eco-club.
 - c) Importance of an environmental games.
 - d) Outcomes of Chipko Andolan.
 - e) Types of Biodiversity.
 - f) List some wholesome alternative life styles that are environment friendly.
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