

BACHELOR OF EDUCATION EXAMINATION, 2018

(2nd Year, 3rd Semester)

PEDAGOGY OF SCHOOL SUBJECT - II

TEACHING OF SCIENCE - II

COURSE : B. ED - 3.7b

Time : Two hours

Full Marks : 50

GROUP - A

1. Answer *any one* question : 1×12=12
 - a) Discuss how assessment and evaluation are integrated with various teaching-learning situations ? How can you address students' problem regarding their conceptual development during teaching-learning process itself ? Do you need special test for it ? Explain taking any topic as an example. Justify your answer. 4+3+2+3
 - b) How can you use audio, video and audio-video aids to make physical science teaching more effective ? Explain with examples. 4+4+4

GROUP - B

2. Answer *any four* questions in about 250 words each : 4×7=28
 - a) "Electronic resources of learning can support teaching-learning of science, but it can not be a substitute of a teacher." Comment on this statement. 7
 - b) What are the important points which a teacher should

[Turn over

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keep in mind while evaluating a project work ? Name the indicators which a science teacher should consider to evaluate a science project. 3+4

- c) Discuss the importance of planning teaching-learning experiences. “Knowing what, how and when to change teaching-learning experiences requires planning” – explain this statement with the help of an example. 2+5
- d) Discuss how would you involve students in planning and carrying out activities in laboratory work. Illustrate taking an example of any concept / topic. 4+3
- e) What are the attributes of a lifelong learner in your opinion ? Explain how will you develop lifelong learning attributes in students through teaching-learning of physical science.
- f) What is meant by action research in the context of physical science ? How is it different from other researches ? 3+4

GROUP - C

3. Answer **any five** questions in about 60 words each : $5 \times 2 = 10$

- a) Write the name of social networking sites in Education.
- b) Draw the Dale’s cone of experience.
- c) Define CCE.

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- d) State the uses of ICT in teaching science.
- e) Mention two objectives of teaching science at the secondary level.
- f) Indicate the importance of Internship.
- g) Write the name of TLM for teaching ‘valency’ in class IX.