

UG Odd Semester (CBCS) Exam., December—2016

B.Sc (Honours) B.Ed

EDUCATION

(5th Semester)

Course No. : BSED-503 (TOP-II)

(Teaching of Physical Science—II)

Full Marks : 70

Pass Marks : 28

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

1. (a) Write a note on continuous and comprehensive evaluation. 7
- (b) Differentiate between diagnostic and achievement tests. 7

OR

2. (a) Prepare a blueprint of a question paper which have 30 marks divided into 3 sub-units. 9
- (b) Explain the important issues that are seen in the present evaluation system. 5

3. (a) What is micro-teaching? How a 'would be teacher' benefited from practising micro-teaching? 3+5=8
- (b) Explain the means through which the skill of blackboard writing can be made more effective. 6

OR

4. (a) Write a note on the importance of science clubs. 6
- (b) Outline the importance of science laboratories at schools. What are the major features of a good science laboratory for secondary level? 4+4=8

5. (a) Elaborate the major duties of a science teacher. 7
- (b) List out the major activities that a science teacher can take up for his/her professional growth. 7

OR

6. (a) Explain any two social service activities that a science teacher can take initiatives. $3\frac{1}{2}+3\frac{1}{2}=7$
- (b) "A science teacher can impart scientific knowledge to the members of society." How? 7

(3)

7. (a) List the major postulates of Bhor's atom model. 7
- (b) Briefly explain the properties of different types of crystalline solids. 7

OR

8. (a) What is chain reaction? Explain with example. 7
- (b) Write a short note on dimensional analysis. 7
9. (a) Outline the blackboard summary when you teach 'entropy' to your students. 4
- (b) Prepare a lesson plan for 45 minutes by considering any one topic of your interest from class VIII—XII chemistry. 10

OR

10. (a) Outline any one activity that you can ask your students to perform when you are teaching 'magnetic effects of current'. 4
- (b) Prepare a lesson plan for 45 minutes by considering any one topic of your interest from class VIII—XII physics. 10

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