2 0 1 6

BEd 3rd Semester

(New Course)

EDUCATION

Course No. : BEd–306 (N)

Full Marks : 70

Pass Marks : 28

Time : 3 hours

The figures in the margin indicate full marks for the questions

Candidates are to answer *either* Option—A *or* Option—B *or* Option—C *or* Option—E *or* Option—G

OPTION—A

Course No. : BEd–306 (N)

(TEACHING OF LIFE SCIENCES)

1. *(a)* Explain the values of teaching life science at higher secondary level. 8

(b) Describe the general objective of teaching life science at higher secondary level. 6

OR

2. *(a)* Elaborate the cognitive aspects of Bloom taxonomy with suitable example. 7

(b) What is the role of objective-based instruction in preparing unit plan? 7

3. *(a)* State the concept of microteaching. How microteaching help in the training of life science trainee teachers? 7

(b) Elaborate the role of skill of reinforcement and stimulus variation in the development of a teacher. 7

OR

4. *(a)* What are the principles of curriculum development in life science? 7

(b) Describe in brief about Nuffield secondary science project. 7

5. *(a)* Prepare a lesson plan on cell by using lecture cum demonstration method. 8

(b) Explain the steps of heuristic method with suitable example. 6

OR

6. *(a)* Enumerate the uses of audio-visual teaching aids in teaching of life science. 7

(b) What are the guidelines to prepare an ideal life science lab at higher secondary level? 7

7. *(a)* Prepare a blueprint of questions on respiration to assess knowledge understanding and application of students. 9

(b) Explain the characteristics of objective-type test. 5

OR

8. *(a)* Comment on scientific attitude. 8

(b) What are the qualities of a good life science teacher? 6

9. *(a)* What is museum specimen? Discuss its collection and preservation strategies. 8

(b) As a life science teacher, what precaution could you take to maintain aquarium of the lab? 6

OR

10. Write short notes on any *two* of the following : 7×2=14

(a) Genetic engineering

(b) Biophysics

(c) Population genetics

(d) Environmental evolution

OPTION—B

Course No. : BEd–306.2 (N)

(TEACHING OF GEOGRAPHY)

1. "Geography is the study of the earth's surface in its areal differentiation as the home of man." Explain. Discuss the scope of geography in detail. 7+7=14

OR

2. Discuss the aims of teaching geography at secondary level. Explain why geographic understanding and reasoning is essential in present times. 6+8=14

3. Explain maxim of teaching 'concrete to abstract' with suitable example. How does geography relate to mathematics? Explain. 7+7=14

OR

4. "Just as all phenomena exist in time and thus have a history, they also exist in space and have a geography." Explain. What is the topical approach of curriculum construction? Discuss its merits and demerits of topical approach. 6+4+4=14

5. What is travelogue? Write the names of any two travelogues. How can travelogue be used as a learning resource in teaching geography? Discuss with example. 2+2+10=14

OR

6. Discuss the uses and importance of computer-based online resources in geography teaching. What are the precautions required while using online resources as learning materials? 9+5=14

7. What is field visit? Describe its uses. Explain how field visit is organized. 2+2+10=14

OR

8. What is cooperative learning? How does gallery walk promote cooperative learning? 4+10=14

9. Name the different types of test. Describe diagnostic testing and remedial teaching in detail. 4+10=14

OR

10. Why are pre-service and in-service training programmes important? Give reasons. Describe the qualities required in a geography teacher. 7+7=14

OPTION—C

Course No. : BEd–306.6 (N)

(TEACHING OF PHYSICAL SCIENCE)

1. *(a)* Describe the needs of teaching physics at secondary level. 7

(b) Define technology. Explain the importance of modern technology in teaching physics at secondary level. 7

OR

2. *(a)* Enumerate the importance of recent teaching aids in teaching physics. 7

(b) What precautions should you take in selection of teaching aids? Explain. 7

3. *(a)* Write specific objective of teaching physics at secondary level. 7

(b) Write instructional objectives on a topic of your choice for IXth class physics of SEBA. 7

OR

4. Select one topic of your choice and prepare a lesson plan on physics for 40 minutes for class IX. 14

5. *(a)* Elaborate laboratory method with the help of suitable illustration of chemistry. 7

(b) What are the merits and demerits of laboratory method? Describe in brief. 7

OR

6. *(a)* Define microteaching. Explain the steps of microteaching. 3+4=7

(b) State the limitations of microteaching. 7

7. *(a)* What is achievement test? Write the merits and demerits of teacher-made and standardized achievement test. 7

(b) Outline the merits and demerits of an objective-type test. 7

OR

8. *(a)* Discuss the relevance of item analysis in construction of standardized achievement test. 7

(b) Prepare an outline of blueprint for a 50-item test of physical science. 7

9. *(a)* What are the important components of an ideal science laboratory? Explain. 7

(b) Discuss the merits and demerits of group work in teaching physical science. 7

OR

10. *(a)* Describe the characteristics of a good science teacher. 7

(b) Being science teacher, how can you develop your professional ethics? 7

OPTION—E

Course No. : BEd–306.8 (N)

(TEACHING OF HISTORY)

1. *(a)* Define history and explain the nature of the subject. 8

(b) "The subject matter of history presented in textbook is only a means to an end." Explain. 6

OR

2. *(a)* Justify the place of history in the secondary school curriculum. 8

(b) Describe in brief the relation between history and economics. 6

3. *(a)* Narrate the features of the evolutionary conception of history. 9

(b) Describe the scope of history. 5

OR

4. *(a)* Describe the contribution of Greeks for the development of historical writing. 8

(b) Write in brief the dimensions of history. 6

5. *(a)* What are the aims and objectives of teaching history at the secondary level? 9

(b) Describe the cultural values of teaching history. 5

OR

6. *(a)* Write a lesson plan on the topic of your choice for the class IX history textbook for 30 minutes. 10

(b) Describe the advantages of source method of teaching history. 4

7. *(a)* Explain the principles of the selection of content for history curriculum. *(b)* Describe the significance of local history. 14

OR

8. *(a)* Describe the cultural epoch theory and its implications in the selection of history curriculum. 9

(b) Analyze the class XII history curriculum of SEBA or NCERT in terms of the objectives of teaching history. 5

9. *(a)* Exemplify the topic and unit plan of the organization of learning resources. 9

(b) Give an account of the regressive plan. 5

OR

10. *(a)* Write in detail the visual aids that can be used as learning resource in the history classes at secondary level. 9

(b) What are the differences between the teacher-made test and standardized test of evaluation of history? 5

OPTION—G

Course No. : BEd–306.9 (N)

(TEACHING OF SOCIAL STUDIES)

1. *(a)* Describe the scope of social science. 6

(b) Differentiate between social science and natural science. 8

OR

2. *(a)* Explain the place of social science in secondary level curriculum. 6

(b) Describe the place of 'History' subject under the Assam Government Secondary Education Curriculum. 8

3. (a) Describe the general aims of teaching social studies. 8

(b) What do you understand by the term instructional objectives? Explain it with suitable example. 6

OR

4. (a) What are the principles involved in the preparation of a lesson plan of social studies? 8

(b) Distinguish between the general and specific objectives in the prepare of a lesson plan. 6

5. (a) Describe the traditional methods in teaching. 7

(b) Give an account of storytelling method in teaching of social studies. 7

OR

6. (a) Give few examples of modern teaching methods in teaching of social studies. 6

(b) Explain the problem-solving and project method with examples. 8

7. (a) Describe the influence of theories in selection of social science materials in preparing secondary stage school course. 8

(b) Define the term 'individual instruction' with examples. 6

OR

8. (a) Describe the significance of computer assisted instruction. 8

(b) What do you understand by 'e-learning'? 6

9. (a) Describe the utilization of visual media in teaching of social studies. 7

(b) Describe the importance of developing skill in the map reading of social studies. 7

OR

10. (a) What is 'achievement test'? 6

(b) Explain the steps of construction of a good achievement test. 8

★★★