

**UNIVERSITY OF COLOMBO, SRI LANKA**  
**FACULTY OF EDUCATION**  
**BACHELOR OF EDUCATION EXAMINATION (PART III) – SEMESTER I -2020**  
**SPM 4062 – Special Methodology of Teaching**  
**THREE (03) HOURS**

Select only two Teaching Methods. Answer Six (6) questions altogether, selecting the first question and another two each from the chosen two methods.

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Part I - English Teaching Methods

Part II - Methods of teaching Citizenship Education

Part III - Mathematics Teaching Methods

Part IV - Geography Teaching Methods

Part V - Information and Communication Technology Teaching Methods

Part VI – Primary Education Teaching Methods

**Part I - English Teaching Methods**

1. i. Write any four features of Basic Interpersonal Communication Skills (BICS)
- ii. List any four activities that can be used to develop the Extensive Reading Skills of the students.
- iii. List any four constituents of writing
- iv. List the four main factors involved in listening
- v. List any four features of speech

(20 marks)

2. i. List five materials that can be used to develop the skill of Reading Aloud in the students.

(5 marks)

ii. Given below is a Reading Text given in the Grade Six Pupils' Text Book. Using the text, prepare;

- a. Two questions to develop the scanning skills of the students. (4 marks)
- b. One question to develop the skimming skills of the students. (3 marks)
- c. One activity to develop the intensive reading skills of the students (3 marks)

Text

UNIT 03

WHERE'S EVERYTHING? Role Play

A tourist from Sweden wants to go to the National Museum.

Tourist : Excuse me. Where is the National Museum?

Sandaru : It's in the Main Street.

Tourist : How can I go to the Main Street?

Sandaru : Go along this road and turn left. It's the Main Street.

Tourist : Alright.

Sandaru : There is a park on your right. Next to the park is the Museum. It is between the park and the Art Gallery. You can find it easily.

Tourist : Thank you very much.

Sandaru : You're welcome. Enjoy your visit!

- 3. i. Write any five skills of the Product Approach to writing. (5 marks)
- ii. Prepare an activity using the Product Approach to help the students to write a note to a friend. (Mention the skills you intend to develop in the students and explain how these skills will be developed through the activity.)

(10 marks)

4. i. Briefly explain any two stages of a listening activity (5 marks)
- ii. Design an activity to develop the listening skill of a class of Grade Seven students using any one of the stages mentioned in Part (i) of this question. Briefly explain the activity. (10 marks)
5. i. Briefly explain any two activities that could be effectively used to develop the Speaking skills in a language classroom. (05 marks)
- ii. Design an activity to develop the Speaking skill in a class of Grade Seven students. Choose any one of the activities mentioned in Part (i) of this question. Briefly explain the activity. (10 marks)
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### **Part II - Methods of teaching Citizenship Education**

- (1) I. Explain the importance of including citizenship education in the school Curriculum.
- II. Briefly explain the subject integration in citizenship education.
- III. Briefly describe the evolution of current citizenship education.
- IV. Name four qualities that a teacher of citizenship education should possess.
- V. What is meant by active and passive citizenship education?
- (Marks 4 × 5 = 20)

- (2) I. Name four skills that are expected to be developed by teaching the subject of citizenship education. (Marks 08)
- II. Critically analyze the challenges faced by teachers teaching citizenship education. (Marks 07)
- (3) I. Write five factors that should be taken into consideration when preparing citizenship education curriculum. (Marks 08)
- II. List five teaching methods that can be used to teach citizenship education, and discuss the strengths and weaknesses of two of them. (07 marks)
- (4) I. Select two of your favorite lessons from two citizenship education textbooks from grade 6 to 11 and review the quality of those lessons. (08 marks)
- II. Select two appropriate teaching strategies to teach the above two lessons and explain why they are best suited for teaching the above two lessons. (07 marks)
- (5) I. Define the concept "The Global Citizen". (08 Marks)
- II. Discuss the qualities a global citizen should possess. (07 marks)

### **Part III - Mathematics Teaching Methods**

1.
  - i. List four benefits of learning mathematics at secondary classroom and briefly explain those. (04 marks)
  - ii. Name three approaches which can be used to inquire the nature of mathematics. (03 marks)
  - iii. Name six themes of mathematics with suitable subject content if any. (06 marks)
  - iv. Name five aims of learning mathematics for enhance the mathematics thinking, understanding and ability of the students who entered at the junior secondary stage. (05 marks)
  - v. Name the two (02) types of teacher classified by skemp. (05 marks)
  
2.
  - i. Name three (03) psychological findings of piaget's which are related to the mathematics teaching and briefly explain how to teach five (05) mathematical concepts that students who are in the preoperational stage could not understand. (07 marks)
  - ii. Describe the learning experiences have been given for confirm the concept of 'division' to students using Bruner's findings. (05marks)

3. i. Critically explain the followings, using appropriate examples where necessary.

- a. Mathematics is conceptual subject.
- b. Mathematics is an abstract conceptual subject.
- c. Mathematics as a rigidity subject.
- d. Mathematics as an objective subject.
- e. The logical nature of mathematics.

(10 marks)

ii. Explain how one of the above characteristics affects the teacher in teaching mathematics.

(05 marks)

4. i. State the expected objectives of the mathematics to be evaluated by the following questions.

- a. State 2.8kg in grams.
- b. Fill in the blank using > or <  
 $2.05 - 2.5$
- c. Capacity of a water tank is 1000liters. To fill  $\frac{1}{4}$  of the tank it takes 30 minutes. Find the time it will get to fill  $\frac{3}{4}$  of the tank.
- d. What are the numbers that are less than ten which can be used in both patterns with general term  $n^2$  and  $2n+7$ .
- e. 20,000 Rupees will be borrowed at 12% interest. Show that the total amount payable four years does not exceed 30,000 Rupees.

(05 marks)

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- ii. List main three (03) things to be consider the preparing term test mathematic paper in the school and explain the importance of creating a blueprint when preparing question papers to evaluate the mathematical performance. (10 marks)
5. i. Discuss the importance of including mathematics in the school curriculum. (07 marks)
- ii Describe the key characteristics that a mathematics teacher should possess. (08 marks)
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#### **Part IV - Geography Teaching Methods**

1. i. Define "geography" in brief.
- ii. Write five specific characteristics of a geography teacher.
- iii. Write an aim of geography in the Secondary level of Sri Lanka.
- IV. Suggest any teaching aid to teach contour lines to geography students. (Marks 5×4 = 20)
2. I. How geography developed as a subject from history. (Marks 7)
- II. Explain specific skills which could be gained by a student who learn geography. (Marks 8)
3. I. Explain any geography lesson with steps using any teaching method which you learned to teach geography. (Marks 10)
- II. Show strengths and weaknesses of the above mentioned teaching method. (Marks 5)



4. i. Explain the importance of a separate room (Geography lab) for teaching Geography. (Marks 7)
- ii. Give a suitable plan for a Geography room. (Marks 8)
5. Explain the strengths and weaknesses of any selected 3 teaching aids from the below list to teaching Geography.
- I. Blackboard
  - II. Globe
  - III. Videos
  - IV. Maps
  - V. Modules
- (Marks 5×3 = 15)
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### **Part V - Information and Communication Technology Teaching Methods**

1. i. What are the aspects can be used to describe the nature of the ICT subject? Explain briefly. (05 Marks)
- ii. Briefly explain the specific characteristics between curriculum and syllabus. (05 Marks)
- iii. Briefly explain the practical difficulties faced by teachers in teaching ICT concepts. (05 Marks)
- iv. Logically explain whether it is applicable to use online methods to teach concepts of ICT. (05 Marks)

2. i. There is a less tendency of following ICT subject in school system. Critically review on this statement. (08 Marks)
- ii. What are the appropriate teaching techniques that can be used in teaching content with abstract concepts? Explain with reasons. (07 Marks)
3. i. The most popular assessment method in the school system is the summative assessment. Explain with reasons. (07 Marks)
- ii. Explain the practical difficulties of using the above summative assessment method to evaluate the ICT subject in the school system. (08 Marks)
4. i. Critically review on the assessment methods used to assess ICT subject in school system. (07 Marks)
- ii. Explain the practical difficulties encountered in identifying assessment methods that can be used to assess the subject of ICT. (08 Marks)
5. The followings are the three ways of implementing ICT in the school system. Write short notes on each in the Sri Lankan context.
- a) ICT as a subject
  - b) ICT as a teaching aid
  - c) ICT as an assistive tool for school management
- (5 Marks x 3)

## Part VI - Primary Education Teaching Methods

1.
  - i. Briefly explain why teaching aids are mandatory in primary teaching
  - ii. Present how Kannagara reforms boosted enrolment rates at primary level
  - iii. List out two positive aspects and two negative aspects of the 2003 Primary Education Reforms
  - iv. Briefly describe the role of a Primary teacher
  - v. Explain the "Maria Montessori Method" (4 marks x 5 = 20marks)
  
2.
  - i. Describe the main components a teacher should teach in Primary Mathematics and the various teaching methods they could use to teach those (7 marks)
  
  - ii. Analyse the barriers a teacher could face when teaching mathematics at Primary level (8 marks)
  
3.
  - i. Describe how adoptable Piaget's Cognitive Development Theory for a Primary child. (7 Marks)
  
  - ii. Present the benefits of the knowledge of Freud's Psychoanalysis Theory for a Primary teacher (8 Marks)
  
4.
  - i. What are the various teaching methods a teacher could use to teach Environmental Related activates? (7 Marks)
  
  - ii. Analyse the difficulties a teacher may face when teaching Environmental related activities using the methods you described (8 marks)

5. i. Discuss the various techniques a teacher has to use when teaching the four skills of language (7 marks)
- ii. Discuss how the primary teacher can improve language learning by using the above mentioned techniques. (8 marks)