



PAST PAPERS

<i>Faculty</i>	<i>Department / Section/Division</i>
<i>Not Applicable</i>	<i>Learning Resource Centre</i>

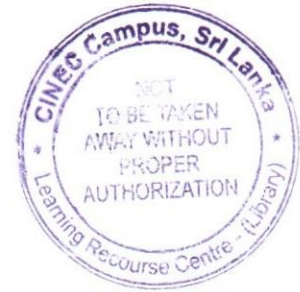
Past Papers

Faculty of Management, Humanities & social  
Sciences  
Department of Education & Language

Diploma in Primary Teaching  
2019 - 2022

<i>Document Control &amp; Approving Authority</i>	<i>Senior Director – Quality Management &amp; Administration</i>		
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## FINAL EXAMINATION QUESTION PAPER

CODE - QP

Approved for Quality Management System

EDUCATION & TRAINING COURSE: DIPLOMA IN PRIMARY TEACHING

COURSE CODE: LC-0839

SUBJECT: PRIMARY MATHEMATICAL SKILLS

Faculty	Department / Section / Division
Humanities and Education	Education

<i>INSTRUCTIONS TO CANDIDATES</i>	Date: 2022/05.22
Total Marks = 100	Duration of the examination = 02 hours
	Candidates could be disqualified if you violate examination rules.
	Candidates are not allowed to communicate with and disturb fellow candidates during the examination.

❖ **Answer 5 questions**

**Question 01** Select the correct answer

(20 marks)

- i) The 3D shape which has no edges, no corners is a,
- a) Cube
  - b) Sphere
  - c) Cylinder
  - d) Prism
- ii) The primitive man kept a record of his group of chickens by using a number concept known as :
- a) invariance
  - b) inclusion
  - c) neighborhood
  - d) one to one correspondence

- iii) Select the correct order of following experiences that are used in introducing number concepts in primary grades
- a) Visual , Abstract, Concrete
  - b) Concrete, Visual , Abstract
  - c) Abstract , Visual ,Concrete
  - d) Concrete , Abstract, Visual
- iv) What is the place value of the 2 in the number 5 328 475 ?
- a) Hundreds
  - b) Thousands
  - c) Ten Thousands
  - d) Millions
- v) Which of the following vocabulary words are related to spatial relationships?
- a) big, small
  - b) long, short
  - c) behind, under
  - d) minutes, hours
- vi) Which shape has only one axes of bilateral symmetry?
- a) rectangle
  - b). square
  - c). triangle
  - d) kite
- vii) Which of the following is the longest period of time?
- a).1 year
  - b) 15 months
  - c) 42 weeks
  - d) 350 days

viii) When a child can say that the number of objects in a set is not changed when the arrangement of the objects are changed, the child has developed the concept of

- a) Relationships
- b) Ordering
- c) Invariance
- d) Neighborhood

ix) Which of the following is an equivalent fraction of  $\frac{2}{3}$  ?

- (a)  $\frac{4}{9}$
- (b)  $\frac{6}{13}$
- (c)  $\frac{8}{11}$
- (d)  $\frac{10}{15}$

x. Which of the following options is true?

- a)  $CVIII > MVIII$
- b)  $CVIII < MVIII$
- c)  $DVIII > MVIII$
- d)  $CVIII < LXXII$

(2 x 10 = 20 marks)

### Question 02

i) a) Write 4027 in Roman numerals.

b) What is the value of C in the number MCDXIV ?

[04 marks]

ii) a) Write  $\frac{42}{250}$  as a decimal number.

b) What is the hundredth digit of this decimal number?

[04 marks]

iii) a) The width of a rectangle is 6 cm. Its length is twice its width. Find the perimeter of the rectangle.

b) Find the length of the side of a square, which has the same perimeter.

[04 marks]

iv) a) Write 4 numbers which could go in the  to make the sentence true?

$$4 \times \square < 17$$

b) Write four consecutive odd numbers

[04 marks]



- v) a) Malith goes for a walk and returns to where he started at 07:00. If his walk took 1 hour and 30 minutes, at what time did he start his walk.
- b) Each cube has an edge length of 1 cm. What is the surface area of the cuboid?



[04 marks]

**Question 03**

- i) Explain important features in Hindu –Arabic numeral system [10 marks]
- ii) Describe three activities which can be used to introduce the concept of place value? [10 marks]

**Question 04**

- i) What is CPA approach? Why it is important to follow this approach in mathematics lessons in primary grades. [10 marks]
- ii) Explain the importance of teaching pre mathematical concepts in early grades. Describe two such concepts with examples [10 marks]

**Question 05**

- i) Explain the difference between LOTS and HOTS. [05 marks]
- ii) Explain the difference between closed questions and open questions. Write 2 closed questions and Write 2 open questions. [08 marks]
- iii) Explain the importance of using formative assessment in mathematics lessons. [07 marks]

**Question 06**

Bar graphs are frequently used to present information in visual form.

- i) Write a table of data suitable to represent in a bar graph. [04 marks]
- ii) Draw a bar graph to represent data in your table [02 marks]
- ii) Write a suitable title for the graph. [02 marks]
- iii) What information does the vertical axis give? [02 marks]
- iv) Write five questions to ask from children to test their ability to interpret data shown in the graph. [10 marks]

**Question 07**

- i) There are three essentially sequential stages to follow in developing concepts related to measuring attributes of objects. Name these three stages? [05 marks]
- ii) Explain the teaching strategies which can be used in each of these three stages in developing concepts related to measuring weight or measuring length. [15 marks]

**Question 08**

- i) Explain the difference between Instrumental learning (rote learning) and Relational Learning (meaningful learning). [10 marks]
- ii) Name three teaching/learning materials that can be used in mathematics lessons and explain how these materials can be used in a lesson. [10 marks]

-----END OF THE QUESTION PAPER-----



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**FINAL EXAMINATION QUESTION PAPER**

CODE - QP

Approved for Quality Management System

EDUCATION & TRAINING COURSE: DIPLOMA IN TEACHING ENGLISH LANGUAGE  
DIPLOMA IN PRIMARY TEACHING  
DIPLOMA IN TEACHING MATHEMATICS AND SCIENCE

COURSE CODE: LC - 0838/839/844  
SUBJECT: CLASSROOM MANAGEMENT

Faculty	Department / Section / Division
Humanities and Education	Education

<i>INSTRUCTIONS TO CANDIDATES</i>	Date: 2022.05.29
Answer all questions	Duration of the examination = 02 hours
Total Marks = 100	Candidates could be disqualified if you violate examination rules.
	Candidates are not allowed to communicate with and disturb fellow candidates during the examination.

\* Answer five questions only.

**Question 01**

- (i) Explain the stages of Management with examples from school context. (10 Marks)
- (iii) As a teacher how do you manage allocated time and instructional time. Discuss with examples. (10 marks)

**Question 02**

- (i) Discuss how teacher's action causes inappropriate behaviour of the pupil. (10 marks)
- (ii) Discuss five characteristics of an effective teacher with examples. (10 Marks)

**Question 03**

- (i) "Bureaucratic leadership style is not always good for the Teachers". Do you agree with the statement? Justify your answer. (10 marks)
- (ii) "Every teacher has a responsibility to become a pedagogical leader". Elucidate. (10 marks)

**Question 04**

- (i) Explain why school records management is very important. (10 Marks)
- (ii) Analyze why collectivist culture is good for team working in the school. (10 marks)

**Question 05**

- (i) When planning an effective classroom setup what are the areas to be considered? Discuss. (10 Marks)
- (ii) Why do you think conducive classroom is very important? Discuss with examples. (10 marks)

**Question 06**

Write a short essay on **one** of the topics below

- (i) Teacher as a benevolent leader (20 marks)
- (ii) Schools as an open system (20 Marks)

-----END OF THE QUESTION PAPER-----



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FINAL EXAMINATION QUESTION PAPER

CODE - QP

Approved for Quality Management System

EDUCATION & TRAINING COURSE: DIPLOMA IN TEACHING ENGLISH LANGUAGE

DIPLOMA IN PRIMARY TEACHING

DIPLOMA IN TEACHING MATHEMATICS AND SCIENCE

COURSE CODE: LC - 0838/839/844

SUBJECT: CLASSROOM MANAGEMENT

Faculty	Department / Section/Division
Humanities and Education	Education

<i>INSTRUCTIONS TO CANDIDATES</i>	Date: 2022.05.29
Answer all questions	Duration of the examination = 02 hours
Total Marks = 100	Candidates could be disqualified if you violate examination rules.
	Candidates are not allowed to communicate with and disturb fellow candidates during the examination.

\* Answer five questions only.

**Question 01**

- (i) Explain the stages of Management with examples from school context. (10 Marks)
- (iii) As a teacher how do you manage allocated time and instructional time. Discuss with examples. (10 marks)

**Question 02**

- (i) Discuss how teacher's action causes inappropriate behaviour of the pupil. (10 marks)
- (ii) Discuss five characteristics of an effective teacher with examples. (10 Marks)

**Question 03**

- (i) "Bureaucratic leadership style is not always good for the Teachers". Do you agree with the statement? Justify your answer. (10 marks)
- (ii) "Every teacher has a responsibility to become a pedagogical leader". Elucidate. (10 marks)

**Question 04**

- (i) Explain why school records management is very important. (10 Marks)
- (ii) Analyze why collectivist culture is good for team working in the school. (10 marks)

**Question 05**

- (i) When planning an effective classroom setup what are the areas to be considered? Discuss. (10 Marks)
- (ii) Why do you think conducive classroom is very important? Discuss with examples. (10 marks)

**Question 06**

Write a short essay on **one** of the topics below

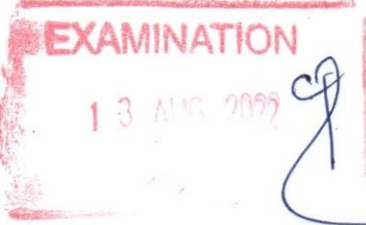
- (i) Teacher as a benevolent leader (20 marks)
- (ii) Schools as an open system (20 Marks)

-----END OF THE QUESTION PAPER-----



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**FINAL EXAMINATION QUESTION PAPER**

CODE - QP

Approved for Quality Management System

EDUCATION & TRAINING COURSE:

DIPLOMA IN TEACHING ENGLISH LANGUAGE & LITERATURE (LC-0838)

DIPLOMA IN PRIMARY TEACHING (LC-0839)

DIPLOMA IN TEACHING MATHEMATICS AND SCIENCE (LC-0844)

DIPLOMA IN EARLY CHILDHOOD EDUCATION (LC-843)

**SUBJECT: ENGLISH LANGUAGE AND COMMUNICATION**

Faculty	Department / Section/Division
Humanities and Education	Education

<b>INSTRUCTIONS TO CANDIDATES</b>	Date: 2022.08.13
Answer all questions.	Duration of the examination = 03 hours
Total Marks = 100	Candidates could be disqualified if you violate examination rules.
	Candidates are not allowed to communicate with and disturb fellow candidates during the examination.

INDEX NUMBER: .....

For Office use Only

Question No:	1	2	3	4	5	6	7	8	9	10	Total Marks	%	Signature
For Scrutinizer's Use Only (marks)													
For Moderator's Use Only (marks)													

- Answer all questions.

**1. Fill in the blanks selecting the suitable words given below within brackets. (20 marks)**

It must be only in Sri Lanka that the .....remain..... and unmoved, while 14 ..... get knocked down by trains! This was .....on the T.V, as happening in the Minneriya area. In other countries a train going through .....habitation is driven so ....., that it can ..... be stopped. Also,..... are erected at ..... spots. Most of all, a ..... supply of water is made available on both sides of the rail track, as animal beset by thirst, throw caution to the wind in their search for water.

It is not astonishing that no action ..... to have been taken, while 14 elephants ..... down by trains, like so many ..... getting crushed on the rail track? In fact, the T.V report did not .....any action even being contemplated.

Apart from animal lovers, should not those who overwork elephants, like .....merchants and ....., who now lament the dearth of elephants to march in peraheras, take an ..... stand against their abuse? We have yet to see a Mahanayake ..... forward in their defense, as indeed in spite of appeals, in the defense of any animal in this land ..... animal ..... Compassion towards all beings taught by Buddha, seems to have become a non- starter with most of the Sri Lankas.

*(Appears, plentiful, authorities, immediately, dangerous, come, cruelty, occasional, slowly, wildlife, mention, recently reported, barricades, elephants, are mown, ants, monks, of, mute, log)*

**2. Fill in the blanks with the most suitable verb form.**

**(10 marks)**

I .....(**went, had gone, was going**) to a meeting of our literary society last night. We .....(**were having, had, have**) almost interesting speaker, a man by the name of Weston, who .....(**wrote, has written, had written**) several books. He is in fact the person who.....(**had been invited, invited was invited**) to address the society on the occasion of our fifth anniversary, but unfortunately he.....(**be, is, was**) ill at that time. He .....(**overworked, has been overworking, had been overworking**) and as a result his doctor .....(**order, ordered, was ordering**) him to take a complete rest for at least three months.

However, he was recovered from his illness now and last night he .....(**had been telling, told, was telling**) us about his most recent work. It is a book about the famous traveler, colonel Manning, who..... (**is living, lived, was living**) in India in the early part of this century. Weston..... (**had said, said, had been telling**) that for years he.....(**had planned, had been planning, was planned**) to write a book about Colonel Manning but apart from a collection of letters and notes, which the family



had provided him with, he,.....(**would not have, wasn't having, did not have**) much material.

Then one day he.....(**get, got, had got**) a letter from one of colonel Manning's nephews, saying that his uncle had kept a diary. Weston at once went round to see Manning's daughter to enquire about them. She..... (is not, was not. may not) aware that her father had kept a diary but she suggested that he..... (**would have look, will look, should have looked**) in the attic, where some of his boxes were stored.

**3. Rewrite the following sentences correcting the errors.**

**(10 marks)**

a) They was carrying a basket ful of flowers.

.....

b) My father bought car next year.

.....

c) She sing songs every day.

.....

d) The window have been broken by one of the student in the class.

.....

e) She was disappointing with him. She had expected to him to be better.

.....

f) I'm interesting in science. In my future I want to be an scientist.

.....

g. My English teacher told me that I must improved my English knowlege.

.....

h. He is best students of all.

.....

i. They has been playing foot ball.

.....

j. I definitely have decide to go to home.

.....

**4. State whether the following sentences are correct or wrong. Rewrite if they are wrong. (10 marks)**

- a) He is the more intelligent of the two.
- b) She have to by vegetables for the alms giving.
- c) He is not working hardly at the moment.
- d) A branch of the HSBC bank is going to open next month.
- e) The giant killed the prince who came to the jungle in search of the princess.
- f) The ladies all were happy and they enjoyed all that night.
- g) When I go home my sister was reading newspapers.
- h) They definitely has decided to go to abroad.
- i) I'll be probably leaving from Sri Lanka early tomorrow.
- j) My brother play cricket always every weekend


**5. Turn the following sentences in to passive. (15 marks)**

- a) When she entered the classroom, the students were doing their homework.  
.....
- b) She cleans the garden every day.  
.....
- c) They were building a house at that time.  
.....
- d) My mother made a cake for my birthday and told me to have it.  
.....
- e) They shouldn't make that kind of mistakes.  
.....
- f) They should send this memo to the managing director on or before next Monday.  
.....
- g) They are going to run a small business.  
.....
- h) You must give him that book as soon as possible.  
.....



- i) They ought to read these books.  
.....
- j) They might buy tickets for us.  
.....
- k) Our teacher told us the answers for the questions she had given on an early date.  
.....
- l) My brother has to pass the exam to go abroad.  
.....
- m) She may get your things.  
.....
- n) They mustn't sing songs like that.  
.....
- o) He asked me some difficult questions.  
.....

**6. Read the passage and answer the questions. (15 marks)**

It was already late when we set out for the next town, which according to the map was about fifteen miles away on the other side of the hills. There we felt sure that we would find a bed for the night. Darkness fell soon after we left the village, but luckily, we met no one as we drove swiftly along the narrow winding road that led to the hills. As we climbed higher, it became colder and rain began to fall, making it difficult at times to see the road. I asked John, my companion to drive slowly.

After we had traveled for about twenty miles there was still no sign of the town which was marked on the map. We were beginning to get worried. Then, without warning the car stopped. A quick examination showed that we had run out of petrol. Although we had little food, we decided to spend the night in the car.

Our meal was soon over. I tried to go to sleep at once, but John who was a poor sleeper, got out of the car and went for a walk up the hill. Soon he came running back, from the top of the hill he had seen, in the valley below the lights of the town we were looking for.



1. *Choose the best answer.*

The travelers had a map but

- (i) they did not know how to use it.
- (ii) it gave them the wrong information.
- (iii) they could not see it well in the dark.
- (iv) the town they were looking for was not clearly marked

2. *Complete the following sentences. Your answer must be related to the ideas contained in the passage.*

- (a) The writer asked John to drive more slowly because .....
- (b) John went for a walk because .....
- (c) "....." said John after he had run back to the car.

3. *Answer these questions using only short form answers.*

- (a) Was it dark when they left the village?  
.....
- (b) Did the writer's friend drive the car fast up the hill?  
.....

4. *Write a summary of the above passage in your own words in 75 words.*

.....

.....

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(07) Write an essay on one of the following. Use not less than 250 words.

(20 marks)

- (1) English education in Sri Lanka
- (2) Tourism industry
- (3) Sri Lanka can be developed only through agriculture

or

**Develop the following into a story**

It was a sunny day. I thought of experiencing something different and thrilling. So, I hired a sailing boat and started to sail in the sea....



## FINAL EXAMINATION QUESTION PAPER

CODE - QP

*Approved for Quality Management System*

EDUCATION & TRAINING COURSE: DIPLOMA IN TEACHING ENGLISH LANGUAGE & LITERATURE / DIPLOMA IN PRIMARY  
TEACHING / DIPLOMA IN TEACHING MATHEMATICS & SCIENCE

COURSE CODE: LC-0838/839/844

SUBJECT: FOUNDATION OF EDUCATION

Faculty	Department / Section / Division
Humanities and Education	Education

<i>INSTRUCTIONS TO CANDIDATES</i>	Date: 2022.08.13
Total Marks = 100	Duration of the examination = 02 hours
	Candidates could be disqualified if you violate examination rules.
	Candidates are not allowed to communicate with and disturb fellow candidates during the examination.

### Part 1 - Answer all questions

1. What is meant by "Education"?
2. Explain four characteristics of Objectives.
3. Describe three main domains in education.
4. Differentiate teacher-centered education and student-centered education.
5. Mention 4 objectives of the Code of Ethics for teachers.

(20 marks)

### Part 2 - Answer any 4 questions

#### Question 01

1. Mention 3 characteristics of Education. (2 marks)
2. Various educationists have given their views on education. Provide two definitions provided by well-known educationists. (4 marks)
3. Describe open education and life-long education. (6 marks)
4. Discuss the four pillars of education with relevant examples. (8 marks)

(20 marks)



**Question 02**

1. Compare and contrast aims and objectives. ( 2 marks)
2. Explain the significance of learning objectives. ( 4 marks)
3. Describe three national goals. ( 6 marks)
4. Discuss four basic competencies. (8 marks)

(20 marks)

**Question 03**

1. Mention 2 duties of primary school teacher. ( 2 marks)
2. Explain 2 roles that teacher can perform in the school setting. ( 4 marks)
3. Describe 3 fundamental principles governing children's rights. ( 6 marks)
4. Discuss four children's rights clusters set in the CRC (Convention on the child rights)

(8 marks)

(20 marks)

**Question 04**

1. Explain the term "Code". ( 2 marks)
2. Explain 2 objectives of the code of ethics for teachers in brief. ( 4 marks)
3. Describe teacher's responsibilities towards students and school. ( 6 marks)
4. Discuss four major challenges to code success. (8 marks)

(20 marks)

**Question 05**

1. Explain the term " Socialization " in brief ( 2 marks)
2. How does the family help to socialize a child? Explain in brief. ( 4 marks)
3. Briefly explain 3 ways and means that a teacher can inculcate value in education ( 6 marks)
4. "Education without value is crime". Discuss the statement. (8 marks)

(20 marks)

-----END OF THE QUESTION PAPER-----



## FINAL EXAMINATION QUESTION PAPER

CODE - 2P

*Approved for Quality Management System*

EDUCATION & TRAINING COURSE: DIPLOMA IN TEACHING ENGLISH LANGUAGE & LITERATURE/DIPLOMA IN PRIMARY  
TEACHING/DIPLOMA IN TEACHING MATHEMATICS & SCIENCE

COURSE CODE: LC-0838/839/844

SUBJECT: EDUCATIONAL MEASUREMENT AND EVALUATION

Faculty	Department / Section/Division
Humanities and Education	Education

<i>INSTRUCTIONS TO CANDIDATES</i>	Date: 2022.08.14
Total Marks = 60	Duration of the examination = 02 hours
	Candidates could be disqualified if you violate examination rules.
	Candidates are not allowed to communicate with and disturb fellow candidates during the examination.

### Instructions:

Write answers only for five (05) selected questions. Each question carries equal marks.

#### Question 01

- a. Discuss the relationship between following assessment concepts in brief.
  - I. Test
  - II. Measurement
  - III. Assessment
  - IV. Evaluation (06 Marks)
- b. "Measurements support to the assessors in decision making process about the students". Give a minimum of three (03) reasons and briefly explain them. (06 Marks)

#### Question 02

- a. Define the concepts of Formative and Summative assessment. (06 Marks)
- b. "Formative assessment is comparatively beneficial to the teacher and students than Summative assessment." Discuss the statement with a minimum of three (03) benefits of Formative assessment for students and teachers. (06 Marks)

#### Question 03

- a. Mention three (03) assessment principles. (06 Marks)
- b. Discuss the significance of the three assessment principles given under (a). (06 Marks)

**Question 04**

- a. Explain **ABCD method** of writing instructional objectives (06 Marks)
- b. Write five (05) instructional objectives and show how ABCD method is applied in each instructional objective. (06 Marks)

**Question 05**

- a. Mention the Supply type and Selection type test items separately. (06 Marks)
- b. Prepare five (05) Multiple Choice Questions (MCQs) and three (03) structured essay questions according to the norms and standards to be followed in preparation of each type of test item. (06 Marks)

**Question 06**

Develop a Table of Specification (TOS) for a year-end or term end test in your subject. Mention school grade, number of units, time allocation and number of test items included under each test item category.

(12 Marks)

**Question 07**

- a. Define the three assessment concepts 'Test Validity', 'Test Reliability' and Practicality. (06 Marks)
- b. Briefly explain the purpose of the following test Validity and Reliability concepts.
- |                  |                         |
|------------------|-------------------------|
| Face Validity    | Equivalency Reliability |
| Content Validity | Stability Reliability   |

(06 Marks)

-----END OF THE QUESTION PAPER-----





## FINAL EXAMINATION QUESTION PAPER

CODE - QP

Approved for Quality Management System

EDUCATION & TRAINING COURSE: DIPLOMA IN PRIMARY TEACHING/ DIPLOMA IN EARLY CHILDHOOD EDUCATION  
 COURSE CODE: LC-0839/0843

SUBJECT: PRIMARY MATHEMATICAL SKILLS/ DEVELOPING MATHEMATICAL SKILLS

Faculty	Department / Section/Division
Humanities and Education	Education

<i>INSTRUCTIONS TO CANDIDATES</i>	Date: 2022.08.14
Total Marks = 100	Duration of the examination = 02 hours
	Candidates could be disqualified if you violate examination rules.
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**Answer 5 questions**

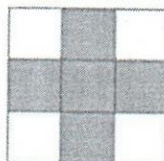
**Question 01**    Select the correct answer.

(20 marks)

(i). Which of these is the largest number?

- a). 2 735
- b). 2 537
- c). 2 573
- d). 2 753

(ii). Part of the figure is shaded. What fraction of the figure is shaded?



- a).  $\frac{5}{4}$
- b).  $\frac{4}{5}$
- c).  $\frac{6}{9}$
- d).  $\frac{5}{9}$

(iii). Select the pair which has only prime numbers.

- a) (7, 2)
- b) (5, 3)
- c) (1, 3)
- d) (2,11)

(iv) When a child can say that the number of objects in a set is not changed when the arrangement of the objects are changed, the child has developed the concept of

- a) Relationships
- b) Ordering
- c) Invariance
- d) Neighborhood

(v). Which of the following vocabulary words are related to measuring length?

- a) big, small
- b) long, short
- c) above, under
- d) minutes, hours

(vi). Select the correct order of following experiences that are used in introducing number concepts in primary grades

- a) Visual , Abstract, Concrete
- b) Concrete, Visual , Abstract
- c) Abstract , Visual ,Concrete
- d) Concrete , Abstract, Visual

vii). When you subtract one of the numbers below from 900, the answer is greater than 300. Which number is it?

- a). 823
- b). 712
- c). 667
- d). 579



viii) The primitive man kept a record of his group of chickens by using a number concept known as :

- a) invariance
- b) inclusion
- c) neighborhood
- d) one to one correspondence.

xi. Which of the following options is true?

- a)  $CVIII > MVIII$
- b)  $CVIII < MVIII$
- c)  $DVIII > MVIII$
- d)  $CVIII < LXXII$

x. If A, B & C are positive integers and  $A > B$  and  $B > C$ . Which of the following represents the greatest value

- a)  $A - C$
- b)  $B - C$
- c)  $A - B$
- d)  $C - A$

### Question 02

i. Write four prime numbers . [02 marks]

ii. a) What is the smallest whole number that you can make using the digits 4, 3, 9 and 1?  
Use each digit only once.

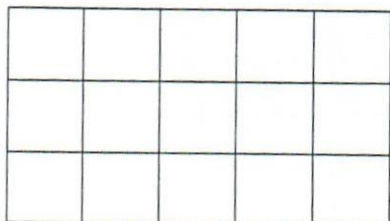
b) What is the value represented by digit 9 in the above number [04 marks]

iii. Write this number 45 720 948

a) in standard form.

b) in words [04 marks]

iv. a) How many symmetrical axis are in equilateral triangle . [02 marks]



b) The length of a small square shown in the above is 1cm.

i). Find the length and breath of the rectangle?

ii) Find the perimeter of the rectangle?

iii) Find the area of the rectangle?

[04 marks]

v. a) Write 3927 in Roman numerals.

[02 marks]

b) What is the value of D in the number MCCDXIV ?

[02 marks]

### Question 03

i. Name three pre mathematical concepts and describe these concepts with examples.

[10 marks]

ii. Explain the important features of Hindu–Arabic number system.

[10 marks]

### Question 04

i). What is CPA approach ?. Describe activities early grade teacher can use in these three stages.

[10 marks]

ii) Write 3 activities that you can use with children to introduce ordinal numbers 1<sup>st</sup> 2<sup>nd</sup> 3<sup>rd</sup>...?

[10 marks]

### Question 05

i. Marks received for a test by thirty students in a class are given below. (The maximum marks that a student could receive for this test is 10).

The marks received	Number of students denoted by tally marks	Number of students who received the relevant mark
10		7
9		5
8		6
7		4
Less than 7		8

i. Complete the tally marks column in this table.

[02 marks]

ii. Draw a suitable bar graph using above data.

[04 marks]

- iii. What would be a suitable topic for this graph? [02 marks]
- iv. What information does the vertical axis give? [02 marks]
- v. Write five questions to ask from children to test their ability to interpret data shown in the graph. [10 marks]

**Question 06**

- i. Explain the difference between LOTS and HOTS. [06 marks]
- ii Describe the difference between an open ended question and a closed ended question.  
Write two examples for each of these two types of questions. [08 marks]
- iii Explain the importance of using formative assessment in mathematics in mathematics lessons. [06 marks]

**Question 07**

- i. There are three essential stages to follow in developing concepts related to measuring attributes of objects. Name these three stages. [06 marks]
- ii. The word " height " is described a length. Write three other words which describes length. [06 marks]
- iii. Write three units of length used in ancient time to measure length. [06 marks]
- iv. Write two relations between mm, cm, m & km. [02 marks ]

**Question 08**

- i. Explain the difference between Instrumental learning (rote learning) and Relational learning (meaningful learning). [10 marks]
- ii. Name three teaching/learning materials that can be used in mathematics lessons and Explain how these materials can be used in a lesson. [10 marks]

-----END OF THE QUESTION PAPER-----





## FINAL EXAMINATION QUESTION PAPER

CODE - QP

*Approved for Quality Management System*

EDUCATION & TRAINING COURSE: DIPLOMA IN TEACHING ENGLISH LANGUAGE & LITERATURE/DIPLOMA IN PRIMARY  
TEACHING/DIPLOMA IN TEACHING MATHEMATICS & SCIENCE

COURSE CODE: LC-0838/839/844

SUBJECT: FOUNDATION OF EDUCATION

Faculty	Department / Section/Division
Humanities and Education	Education

<i>INSTRUCTIONS TO CANDIDATES</i>	Date: 2022.05.21
Total Marks = 100	Duration of the examination = 02 hours
	Candidates could be disqualified if you violate examination rules.
	Candidates are not allowed to communicate with and disturb fellow candidates during the examination.

### PART 1

#### Answer all questions

1. Define the term "Education" according to well-known academics.
2. "The Educational Aims are broad and takes a long time to achieve". State 4 examples of educational aims.
3. Specify 4 duties of primary/secondary school teacher.
4. What is code and what does it include?
5. Mention 4 challenges to code success.

(20 marks)

### PART 2

#### Answer any 4 questions

#### Question 01

1. State 3 characteristics of Education. ( 2 marks)
2. Explain 3 major domains in Education. ( 4 marks)
3. Briefly explain three aspects of education ( 6 marks)
4. "Four pillars of education is an integrated, complementing and strengthening each other". Discuss the above statement. (8 marks)

(20 marks)

**Question 02**

1. Mention 4 features of objectives. ( 2 marks)
2. Write 4 advantages of learning objectives. ( 4 marks)
3. Briefly explain 3 national goals of education system in Sri Lanka. ( 6 marks)
4. “Basic Competencies developed through education will contribute to achieve the national educational goals” Discuss 4 basic competencies. (8 marks)

(20 marks)

**Question 03**

1. Explain student centered education. ( 2 marks)
2. Compare and contrast teacher centered and student centered education. ( 4 marks)
3. Describe 3 roles that teacher can perform in teaching profession( 6 marks)
4. “Teacher plays an important role in securing child rights in a school setting”. Discuss the four clusters of child rights. (8 marks)

(20 marks)

**Question 04**

1. Mention two objectives of the Code of Ethics for teachers. ( 2 marks)
2. Briefly explain 4 major ethical issues in a school setting. ( 4 marks)
3. Describe teacher’s responsibilities with four aspects. ( 6 marks)
4. “Professionalism is the conduct, aims or qualities that characterize a professional person” How do you explain this in relevant to teaching profession. (8 marks)

(20 marks)

**Question 05**

1. Define the term “ Socialization “ ( 2 marks)
2. There are several sources of socialization called agents. Mention 4 agents of socialization ( 4 marks)
3. Briefly explain the need of values in the education process (mention at least 3 points). ( 6 marks)
4. “There are different socio cultural factors affecting education”. Explain this statement with 4 factors including teacher’s contribution to values. (8 marks)

(20 marks)

-----END OF THE QUESTION PAPER-----





Final Examination Question Paper  
Code - QP  
Approved for Quality Management System

EDUCATION & TRAINING COURSE: DIPLOMA IN TEACHING ENGLISH LANGUAGE & LITERATURE  
DIPLOMA IN PRIMARY TEACHING  
DIPLOMA IN TEACHING MATHEMATICS & SCIENCE  
COURSE CODE: LC-0838/839/844  
SUBJECT: EDUCATIONAL PSYCHOLOGY

Faculty	Department / Section / Division
Humanities and Education	Education

<i>Instructions to Candidates</i>	Date: 2022.05.28
Write all the questions.	Duration of the examination = 02 hours
Total Marks = 100	Candidates could be disqualified if you violate examination rules.
	Candidates are not allowed to communicate with and disturb fellow candidates during the examination.

**Answer 4 questions only. Each question carries 25 Marks**

1. Teachers are directly involved in the implementation of the curriculum and educational programmes in schools. The teacher's role in a school is very important, especially in achieving the aspirations and goals of the school.
  - a) Explain the importance of educational psychology to teachers. (10 Marks)
  - b) Define education psychology with your own word. (15 Marks)
  
2. Researchers are constantly discovering new information on how children grow, develop, and learn about their world. Throughout your career, you will need to update your knowledge of the latest research and trends in this career field.
  - a) Briefly explain the areas of child development. (10 Marks)
  - b) List Piaget's 4 stages of cognitive development in children and describe, in general, what occurs during each stage. (15 Marks)



3. Adolescence is growth and it is in this sense that adolescence represents a period of intensive growth and change in nearly all aspects of a child's physical, mental, social and emotional life.
- a) List the characteristics of adolescence. (10 Marks)
  - b) Describe Physiological needs of adolescence. (15 Marks)
4. Memory is a psychological process that goes beyond remembering important information. Our memory system works in three separate processes: encoding, storage, and retrieval.
- a) Describe the multi-store model of memory. (10 Marks)
  - b) Explain the causes of Forgetting, (15 Marks)
5. There are several ways to investigate what causes behaviour. A single behaviour can be caused by several factors all at the same time.
- a) Define the word 'motivation'? (10 Marks)
  - b) Write the components of motivation (15 Marks)

.....END OF THE QUESTION PAPER.....

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FINAL EXAMINATION QUESTION PAPER

CODE - 9P

Approved for Quality Management System

EDUCATION & TRAINING COURSE: DIPLOMA IN TEACHING PRIMARY TEACHING

COURSE CODE: LC-0839

SUBJECT: PRIMARY SCIENCE & ENVIRONMENTAL ACTIVITIES

Faculty	Department / Section/Division
Humanities and Education	Education

<i>INSTRUCTIONS TO CANDIDATES</i>	Date: 2022.05.29
Total Marks = 100	Duration of the examination = 02 hours
	Candidates could be disqualified if you violate examination rules.
	Candidates are not allowed to communicate with and disturb fellow candidates during the examination.

**PART I**

**Answer all the questions from 1-20. Select the most suitable answer.**

- (01). By which process a plant differ from animals  
a). Reproduction      b).photosynthesis      c). respiration      d) growth
- (02). Which is not obtained by plants from the air for photosynthesis  
a). water      b),sunlight      c. carbon dioxide      d. water
- (03). The ascent of sap in plants takes place due to \_\_\_\_\_.  
a).root pressure      b). transpiration pull  
c). both a and b      d).osmosis
- (04). The digestive system includes the digestive tract and its accessory organs, which process food into that can be absorbed and utilized by the cells of the body.  
a).packages      b). Enzymes  
c).molecules      d).fluids

(05). What is a food chain?

- a) A long chain made of food
- b) Process of preparing food
- c) Food where locked by chain
- d) Pathway that energy and nutrients flow through the ecosystem

(06). Why do all food chains start with plants?

- a) Because plants are easily grown
- b) Because plants are nutritious
- c) Because plants can produce its own energy
- d) Because plants do not require energy

(07). Which one of the following groups of chemicals is not a food nutrient?

- (a) proteins, (b) enzymes, (c) carbohydrates, (d) vitamins.

(08). The teeth at the front of the mouth which are used for chopping are called:

- (a) incisors, (b) canines, (c) premolars, (d) molars.

(09). When proteins are completely broken down the end products are:

- (a) glucose molecules, (b) glycerol molecules, (c) amino acids, (d) vitamins.

(10). Water reabsorption is the main function of:

- (a) the liver, (b) the pancreas, (c) the esophagus, (d) the colon.

(11). Movement of food along the alimentary tract is called:

- (a) secretion, (b) peristalsis, (c) absorption, (d) hydrolysis

(12). Which one of the following foods does not contain carbohydrate:

- (a) potato, (b) sugar, (c) meat, (d) rice.

(13). The liquid portion of the blood is called \_\_\_\_\_.

- a). water                      b). Plasma                      c). serum                      d). serum

(14). Which is the largest gland in the human body?

- a).Thyroid                      b). Liver                      c). Pancreas                      d). None of these

(15).Factor not needed for photosynthesis is

- a). sunlight    b) hotel    c). Carbon Dioxide    d).. oxygen



- (16). Which answer is incorrect regarding animals  
a). Do locomotion b).body contains chlorophyll c). can grow d). can reproduce
- (17). An Animal feeding by sucking  
a). Kingfisher b).Tiger c) mosquito d). Fish
- (18). Organisms that grow during the whole lifespan is  
a). monkey b). cockroach c) plant d). book
- (19). Pollution of water is affecting of  
a).water level in water body  
b).growth of Aquatic organisms in water body  
c). amount of consumer able water getting reduced  
d).Above all is correct
- (20). A Herbivore out of these animals  
a). butterfly b).lion c).crow d).Tiger

**(20 Marks)**

**PART-II**

**Answer any four questions given below.**

- (01). i. Draw two food chains?  
ii. Draw a food web?  
iii. Who are autotrophs? What is their position in food chains?  
iv. Name three herbivorous animals? **(20 Marks)**
- (02). i. What is Environmental pollution?  
ii. List five main ways how air gets polluted?  
iii. Define the term "Climate".  
iv. What is global warming? **(20 Marks)**
- (03). i. List the five nutrients should be there in a balanced diet?  
ii. Give three important minerals to the human body.  
iii. Give three differences between plant cell and an animal cell.  
iv. Write five methods to preserve the nutrients of the food during preparation. **(20 Marks)**
- (04). i. What are the three types of water available on earth?  
ii. List ten uses of water.  
iii. List ten ways that water gets polluted.  
iv. Write ten possible ways we can prevent water pollution. **(20 Marks)**
- (05) i. List five uses of plants.  
ii. How animals are divided according to the food they eat?  
iii. Who are warm blooded animals? Give two examples?  
iv. Write five natural disasters we find in the environment? **(20 Marks)**

-----END OF THE QUESTION PAPER-----



## FINAL EXAMINATION QUESTION PAPER

CODE - QP

Approved for Quality Management System

EDUCATION & TRAINING COURSE: DIPLOMA IN TEACHING MATHEMATICS & SCIENCE

COURSE CODE: LC-0844

SUBJECT: METHODS OF TEACHING MATHEMATICS

Faculty	Department / Section/Division
Humanities and Education	Education

<i>INSTRUCTIONS TO CANDIDATES</i>	Date: 2022.05.29
Total Marks = 100	Duration of the examination = 02 hours
	Candidates could be disqualified if you violate examination rules.
	Candidates are not allowed to communicate with and disturb fellow candidates during the examination.

- ❖ **Part I and Part II** - Answer **ALL** questions.
- ❖ **Part III** – Answer **One (01)** question only.

### Part I - (2 X 10 = 20 marks)

Choose the correct answer.

1. “Mathematics is a hypothetical – deductive system. - Mario Pieri” The best aspect of mathematics that describes by this statement is,
  - a) Mathematics as the chief language of science
  - b) Mathematics as the science of patterns and relationships
  - c) Mathematics as a system of logical processes
  - d) Abstract nature of mathematics
2. Some concepts of mathematics can be learned only through their definitions. This reveals that
  - a) Mathematics has a unique language of communicating concepts.
  - b) Mathematics has an abstract nature.
  - c) mathematics is a system of logic processes in which conclusions are deduced from certain fundamental assumptions and definitions.
  - d) Mathematical concepts are concrete.



3. What is the correct statement about Aims?
- Aims are broad specific statements.
  - Aims are specific and measurable.
  - Aim is a purpose or a desired outcome.
  - Aim is a target or destination
4. A practical aim in teaching mathematics is;
- To provide the basis of mathematical skills and processes which will be needed for vocational purposes.
  - To help the learner in the intelligent use of reasoning power.
  - To help the student explore creative fields such as art and architecture.
  - To help the learner appreciate how mathematics contributes to his understanding of natural phenomena.
- 5) "Mathematics gives form shape and definiteness to the properties of matter" This statement describes the correlation between Mathematics and
- Biology
  - Chemistry
  - Engineering
  - Physical Sciences
- 6) Which statement is correct about "Teacher -centered teaching"?
- Child is passive
  - Teacher is active
  - Includes discussion method
  - Includes project method
- 7) The correct order of steps in the project method is,
- Planning, executing, creating, evaluating
  - Planning, Creating, executing, evaluating
  - Creating, executing, planning, evaluating
  - Creating, planning, executing, evaluating
- 8) The acceptable range of the test facility index for a test is,
- Less than 30%
  - Greater than 70%
  - Between 30% and 70%
  - Less than 30% and greater than 70%

- 9) According to Jean Piaget's studies; the children in the age category 2 to 7 years is called as,
- Sensory-motor stage
  - Pre-operational stage
  - Concrete operational stage
  - Formal operational stage
- 10) The correct statement about "Zone of Proximal Development" is;
- It is a concept found by J. Bruner
  - It is the zone in which the students can perform efficiently with teacher's support.
  - It is the zone in which the students cannot perform the task even with the help of the teacher.
  - It is the zone in which the student can perform the task by their own.

**Part II - (5 X 10 = 50 marks)**

- Write two (02) "Skill Objectives" of teaching Mathematics.
- Briefly describe how do Mathematics and Physical Sciences correlate?
- Write five (05) characteristics of a mathematical problem.
- Write three (03) methods that can be used in child-centered method of teaching mathematics.
- Write the four (04) steps of Inductive method of teaching mathematics.
- Explain briefly how the digital games can be used in the classroom to improve learning.
- Write three (03) barriers to use technology in teaching mathematics.
- Write three (03) practical uses of an achievement test?
- Write three (03) types of assessments.
- What are the three (03) stages of J. Bruner's cognitive development.

**Part III - (30 marks)**

- What is meant by "Inductive Method" and "Deductive Method in teaching mathematics? Explain clearly. (5)
  - Write down four (04) differences in of inductive reasoning and deductive reasoning process. (5)
  - Elaborate the method of inductive reasoning using a mathematical example. (10)

- iv. Explain how can you use the method of deductive reasoning using the same example you used for part (iii). (10)
02. i. What are the four (04) processes of Jean Piaget's cognitive approach? (05)
- ii. Clearly explain the four process you mentioned in part (i) using a mathematical example. (20)
- iii. Explain how does J. Bruner's view differs from Jean Piaget's view in cognitive approach. (05)

-----END OF THE QUESTION PAPER-----





## FINAL EXAMINATION QUESTION PAPER

CODE - QP

Approved for Quality Management System

EDUCATION & TRAINING COURSE: DIPLOMA IN TEACHING ENGLISH LANGUAGE  
 DIPLOMA IN PRIMARY TEACHING  
 DIPLOMA IN TEACHING MATHEMATICS AND SCIENCE  
 COURSE CODE: LC - 0838/839/844  
 SUBJECT: SCHOOL GUIDANCE & COUNSELLING

Faculty	Department / Section / Division
Humanities and Education	Education

<i>INSTRUCTIONS TO CANDIDATES</i>	Date: 2022.05.28
	Duration of the examination = 02 hours
Total Marks = 100	Candidates could be disqualified if you violate examination rules.
	Candidates are not allowed to communicate with and disturb fellow candidates during the examination.

### Answer 4 questions only. Each question carries 25 Marks

1. School guidance work is intended to fulfill the supportive function in enhancing the whole-person development of the students, and all school personnel have their part to play.
  - a) What are the different types of guidance? (10 Marks)
  - b) What are the objectives of vocational guidance? (15 Marks)
  
2. School counselling provides children and young people with opportunities to discuss and address concerns and worries. School counselling provides a safe space within a school and includes education staff in the strategies used to support an individual in overcoming their difficulties or concerns.
  - a) What is educational counselling? (10 Marks)
  - b) Explain the important of school counselling. (15 Marks)

3. The counselling process is a planned, structured dialogue between a counsellor and a client. It is a cooperative process in which a trained professional helps a person called the client to identify sources of difficulties or concerns that he or she is experiencing.

- a) Describe the different stages of the counselling process. (10 Marks)
- b) Discuss the importance of securing the confidentiality of counselee/client/ student (15 Marks)

4. The counselor may also act as a coordinator who advises students about their career orientation and decisions. In doing so, counselors may help students prepare for higher education and college admissions.

- a) What are the counselling skills and qualities needed for a counselor? (10 Marks)
- b) Explain a counselors' sources of information of a counselee/client/ student. (15 Marks)

5. Write short note for five below. (Each topic carries 5 marks)

- I. 1.Educational Counselling.
- II. 2.School Counselor.
- III. 3.Personal/Social Counselling.
- IV. 4.Vocational Counselling.
- V. 5.Career guidance services in Sri Lanka.
- VI. 6.Effective Counselling Skills.
- VII. 7. Symptoms of Anxiety.

.....END OF THE QUESTION PAPER.....





## FINAL EXAMINATION QUESTION PAPER

CODE - QP

*Approved for Quality Management System*

EDUCATION & TRAINING COURSE: : DIPLOMA IN TEACHING ENGLISH LANGUAGE & LITERATURE/DIPLOMA IN PRIMARY  
TEACHING/DIPLOMA IN TEACHING MATHEMATICS & SCIENCE  
COURSE CODE: LC-0838/839/844

SUBJECT: EDUCATIONAL MEASUREMENT AND EVALUATION

Faculty	Department / Section/Division
Humanities and Education	Education

<i>INSTRUCTIONS TO CANDIDATES</i>	Date: 2022.05.22
Total Marks = 60	Duration of the examination = 02 hours
	Candidates could be disqualified if you violate examination rules.
	Candidates are not allowed to communicate with and disturb fellow candidates during the examination.

### Instructions:

Write answers only for five (05) selected questions. Each question carries equal marks.

#### Question 01

a. Differentiate the following assessment concepts in brief.

- I. Test
- II. Measurement
- III. Assessment
- IV. Evaluation

(06 Marks)

b. Give three (03) benefits of student assessments to the teacher and briefly explain them.

(06 Marks)

#### Question 02

a. Define the concepts Informal assessment and Formal assessment.

(06 Marks)

b. "Informal assessment is comparatively beneficial to the teacher and students than formal assessment." Discuss the statement with a minimum of three (03) benefits of informal assessment for students and teachers.

(06 Marks)

#### Question 03

a. Define the concept "Criterion-Referenced Tests - (CRTs)" and briefly explain the possible strengths and weaknesses of CRTs.

(06 Marks)

b. Discuss purposes of Norm-referenced assessment with examples from national-level examination in Sri Lanka.

(06 Marks)



**Question 04**

Write short notes on four of the following types of tests.

- a. Selection test
- b. Diagnostic test
- c. Aptitude test
- d. Intelligent test
- e. Placement test (NRT)
- f. Achievement test

(12 Marks)

**Question 05**

- a. State the levels of Bloom's Taxonomy of Educational Objectives in order and show how the six levels are divided into two knowledge categories. (06 Marks)
- b. Briefly explain type of knowledge measured by each level of the taxonomy. (06 Marks)

**Question 06**

- a. Mention the two types of test items and show the types of test items come under each type in a diagram. (06 Marks)
- b. Reason out why the two types of test items are given in a written test paper. (06 Marks)

**Question 07**

Develop a Table of Specification (TOS) for a year-end or term end test in your subject. Mention school grade, number of units, time allocation and number of test items included under each test item category.

(12 Marks)

**Question 08**

- a. Define the two assessment concepts 'Test Validity' and 'Test Reliability'. (04 Marks)
- b. Briefly explain the purpose of the following Validity and Reliability concepts.  
Construct Validity                      Inter-rater Reliability  
Predictive Validity                      Internal Reliability

(08 Marks)

-----END OF THE QUESTION PAPER-----