



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 & Approving Authority</i>		<i>Senior Director – Quality Management & Administration</i>	
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REPEAT EXAMINATION QUESTION PAPER

CODE - QP

Approved for Quality Management System

EDUCATION & TRAINING COURSE: DIPLOMA IN TEACHING ENGLISH LANGUAGE AND LITERATURE

DIPLOMA IN PRIMARY TEACHING

COURSE CODE: LC - 0838

LC - 0839

SUBJECT: EDUCATIONAL PSYCHOLOGY

Faculty	Department / Section/Division
Humanities and Education	Education

<i>INSTRUCTIONS TO CANDIDATES</i>	Date: 2020.09.04
Part I - Answer all Questions. Part II- Answer only four 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.

Part I

1) Answer **ALL** Questions in Part I

(20 marks)

1. Psychology studies how human behave in the particular situation whereas educational psychology studies

.....

.....

.....

.....

2. Dog is shown piece of meat and dog salivates, this is known as:

.....

.....

.....

3. Master Ranjith purchased a new computer, but he had not adequate knowledge to work in **excel**, while he was operating the computer got into excel and got used excel , later he developed skill of using excel this is known as :

.....

.....

.....

4. When an activity is completed reinforcement is given this is known as:

.....

.....

.....

5. How does learning occur according to the cognitive Psychology :

.....

.....

6. Give two examples for Social learning:

.....

.....

.....

7. How does learning occur according to Psychologist Jean Piaget?

.....

.....

.....

8. People learn by various ways. What is learning styles? List out:

.....

.....

.....

9. Behavior of the people are different, psychologists says this is due to their personality. What do you mean by personality?

.....

.....

.....

10. Providing an extra energy is known as motivation. How do you use motivation in the classroom context? List out five activities
-
-
-
-

Part II

Answer **FOUR** of the questions given below

- 2) It is said that ,knowledge of Educational Psychology is compulsory for a Reflective practitioner.
- What do you mean by psychology and Educational Psychology ?define (Marks 05)
 - What are the areas you learn under the educational psychology? (Marks 05)
 - Explain as to why knowledge of educational psychology is important to a reflective practitioner (Marks 10)
- 3) Different types of thoughts of schools learning occurs in different methods
- List out three thoughts of schools on learning. (Marks 05)
 - Explain how do they differ from each other. (Marks 05)
 - Identify the most important learning method and explain as to why. (Marks 10)
- 4) Social learning theory was introduce by Psychologist Albert Bandura
- What is social learning theory define. (Marks 05)
 - What is Babo doll experiment? Explain. (Marks 05)
 - How do you apply social learning theory in the classroom context and highlights its relevancy. (Marks 10)
- 5) Memory is a vital requirement in the teaching learning process
- What do you mean by memory? (Marks 05)
 - Draw and name the Atkison and Shifrin's Model on information procession. (Marks 05)
 - List out three reasons and explain for forgetting. (Marks 05)
 - Explain three method for enhancing memory. (Marks 05)
- 6) Intelligence plays a vital role in the learning teaching process.
- What do you mean by the term intelligence? (Marks 05)
 - List out the components of Multiple Intelligence introduced by Howard Gardner.(Marks 05)
 - How do you apply multiple intelligence concept in the classroom context? (Marks 10)
- 7) Personality development is a primary task of a Reflective practitioner.
- What is personality? Define. (Marks 05)
 - List out the components of personality. (Marks 05)
 - Identify five personality deficiencies and explain what do you do to overcome them as a Reflective Practitioner. (Marks 10)



REPEAT EXAMINATION QUESTION PAPER

CODE - QP

Approved for Quality Management System

EDUCATION & TRAINING COURSE: DIPLOMA IN PRIMARY TEACHING

COURSE CODE: LC - 0839

SUBJECT: PRIMARY SCIENCE AND ENVIRONMENTAL ACTIVITIES

<i>Faculty</i>	<i>Department / Section/Division</i>
<i>Humanities and Education</i>	<i>Education</i>

<i>INSTRUCTIONS TO CANDIDATES</i>	<i>Date: 2020.09.04</i>
<i>Part - I Answer all questions.</i>	<i>Duration of the examination = 02 hours</i>
<i>Part - II Answer Four questions.</i>	
<i>Total Marks = 100</i>	<i>Candidates could be disqualified if you violate examination rules.</i>
	<i>Candidates are not allowed to communicate with and disturb fellow candidates during the examination.</i>

Part - I

Answer all questions.

Underline the most correct answer and attach it to the answer script for Part II.

01. ERA is,

i. a combined subject.	ii. a science subject.
iii. an integrated subject.	iv. a practical subject.

02. Teaching is a,

i. Job.	ii. Profession.
iii. Career.	iv. Service.

03. Today teaching involves development of
 - i. knowledge, criticism and skills.
 - ii. attitudes, skills and knowledge.
 - iii. attitudes, writing and reading.
 - iv. listening, writing and creativeness.

04. The best method of teaching,
 - i. is the discussion method.
 - ii. is using self-learning situations.
 - iii. is the lecture method.
 - iv. is the group work method.

05. Our ancient civilization is known as,
- i. king dominated civilization.
 - ii. tank and temple civilization.
 - iii. irrigation civilization.
 - iv. agricultural civilization.
06. **Statement A:** All insects are harmful
Statement B: Some insects are useful
- i. Statement A is correct. B is incorrect.
 - ii. Statement A and B both are correct.
 - iii. Statement A and B both are incorrect.
 - iv. Statement A is incorrect. Statement B is correct.
07. The reproductive part of a plant is the,
- i. Flower.
 - ii. Stem.
 - iii. Root.
 - iv. Bud.
08. Which vitamin is helpful for good eye-sight?
- i. Vitamin A
 - ii. Vitamin B
 - iii. Vitamin C
 - iv. Vitamin D
09. **Statement A:** Iron is necessary for the formation of hemoglobin
Statement B: Green vegetables contain iron
- i. Statement A is correct. Statement B is correct.
 - ii. Statement A is incorrect. Statement B is incorrect.
 - iii. Statement A is correct. Statement B is incorrect.
 - iv. Statement A is incorrect. Statement B is correct.
10. The easiest, low cost method of purifying water is,
- i. boil and filter.
 - ii. boil, cool and filter.
 - iii. add chlorine.
 - iv. use chemical filters.
11. The correct stages in the life cycle of butterfly are,
- i. egg, larva, pupa, adult.
 - ii. egg, larva, adult.
 - iii. egg, pupa, larva, adult.
 - iv. egg, nymph, adult.
12. The best time of brushing our teeth is,
- i. in the morning and night.
 - ii. after every meal.
 - iii. after breakfast and dinner.
 - iv. after breakfast and lunch.
13. The sources of electricity are
- i. cells and batteries.
 - ii. cells and dynamos.
 - iii. batteries and sunlight.
 - iv. water and sunlight,
14. At a power house, electricity is produced by
- i. water
 - ii. dynamo
 - iii. cells
 - iv. turbine

15. The voltage of a normal torch cell is
- | | |
|----------|----------|
| i. 1.5 V | ii. 3 V |
| iii. 6 V | iv. 12 V |
16. In Sri Lanka the Teacher Guide and Syllabi regarding subjects are prepared by the,
- | | |
|---------------------------------------|-----------------------------|
| i. Department of Education. | ii. Ministry of Education. |
| iii. National Institute of Education. | iv. The teacher – advisors. |
17. Lesson plans should be,
- | | |
|-----------------|-----------------|
| i. for a term | ii. for a Month |
| iii. for a week | iv. for a Day |
18. The students note books should be corrected,
- | | |
|------------|------------|
| i. monthly | ii. weekly |
| iii. daily | iv. hourly |
19. Digestion of food takes place inside our digestive system.
- Turning of a food to wastes.
 - Turning of complex, solid food to a simple, liquid form
 - Turning food to glucose
 - Turning food to get energy
20. The father of free education in Sri Lanka is,
- Mr. W. Dhanayake
 - Mr. S.W.R.D Bandaranayake
 - Mr. C.W.W Kannangara
 - Mr. D.S Senanayake

(2x20= 40 marks)

Part – II**Answer Only Four Questions.**

- 1) Co- Curricular activities are useful to develop attitudes and skills.
- Name 05 co-curricular activities you can do in primary classes.
 - Describe how you use 03 of them.
- (15 marks)
- 2) Aims and objectives are important in teaching.
- State 04 aims of teaching ERA or Primary Science.
 - What are the steps of the scientific method?
 - State why student centered teaching is more effective than teacher centered method.
- (15 marks)
- 3) "Classification" is an important topic in Primary classes.
- How will you introduce simple dichotomous classification to primary students?
 - Classify the following animals, using only external features.
(Mynah, spider, parrot, cat, frog, ant, earthworm)
- (15 marks)

- 4) [A] Draw and label the parts of a dicot plant (Typical)
[B] Write the differences between a “producer” and consumer. Give 02 examples for each.
[C] Write 05 food chains with at least 04 links (15marks)
- 5) “Nutrition” is a topic of national importance.
- i. Give 04 reasons for the above statement.
 - ii. State 04 ways of drawing the attention of primary students and parents regarding the value of taking correct low cost food at the correct times. (15 marks)
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FINAL EXAMINATION QUESTION PAPER
DEPARTMENTAL DOCUMENTED INFORMATION REFERENCE –QP

EDUCATION & TRAINING COURSE: DIPLOMA IN PRIMARY TEACHING

COURSE CODE: LC-0893

SUBJECT: PRIMARY SCIENCE AND ENVIRONMENTAL ACTIVITIES

Faculty	Department / Section/Division
Management, Humanities and Social Sciences	Education and Languages

<i>INSTRUCTIONS TO CANDIDATES</i>	Date: 2020.01.04
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.

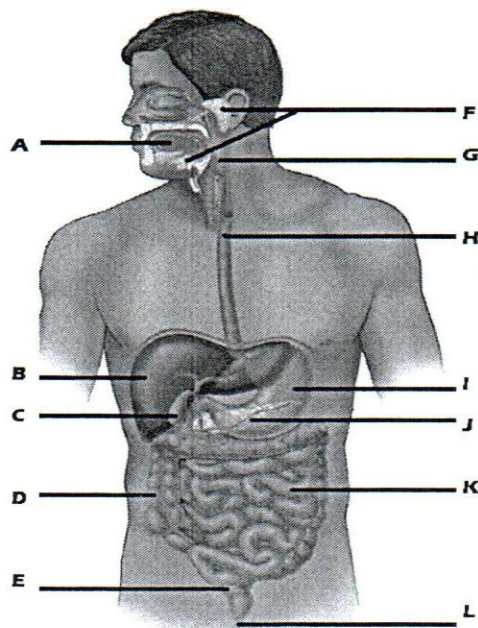
❖ Answer all questions given below.

(01).

- i. What are the main nutrients that should be there in a balanced diet?
- ii. Indicate the main functions of the above nutrients.
- iii. Give three examples of food items for each of the above.
- iv. Write five methods to preserve the nutrients of food during preparation.
- v. List three important minerals to the human body.

(20 Marks)

(02). i. Label the parts from A-L of the following figure.



- ii. Name two hormones secreted by the organ J.
- iii. What is the main function of the organ K?
- iv. What are the adaptations of K to do its functions?
- v. Write the functions of the two hormones mentioned in above II

(20 Marks)

03)

- i. Prepare a dichotomous key to group the following animals.

Elephant, frog, fish, parrot, bee, snake, crocodile, earth worm, butterfly, bee, man, dog

- ii. What are the features of mammals?
- iii. List five characteristics of Arthropods?
- iv. Who are warm blooded animals? Give two examples?
- v. What are the main two categories the animals are divided into?

(20 Marks)

04). i. Draw two food chains?

ii. Draw a food web?

iii. Who are autotrophies? What is their position in food chains?

iv. Name three herbivorous animals?

v. Who are omnivorous animals? Name three omnivorous animals?

(20 Marks)

05). i. What is Environment pollution?

ii. What are the three main categories of environment pollution?

iii. List five main ways of air pollution?

iv. Write five ways of water pollution?

v. What is global warming? What are the bad effects of global warming?

(20 Marks)



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REPEAT EXAMINATION QUESTION PAPER

DEPARTMENTAL DOCUMENTED INFORMATION REFERENCE - QP

EDUCATION & TRAINING COURSE: DIPLOMA IN PRIMARY TEACHING

COURSE CODE: LC - 0839

SUBJECT: EDUCATIONAL MEASUREMENTS AND EVALUATION

Faculty	Department / Section / Division
Management, Humanities and Social Sciences	Education and Languages

INSTRUCTIONS TO CANDIDATES	Date: 05.08.2019
Answer all questions in Part I & any 03 questions in Part II	Duration of the examination = 02 hours
Candidates are not allowed to communicate with and disturb fellow candidates during the examination.	Candidates could be disqualified if you violate examination rules.
	Marks = 100

❖ **Answer all questions in Part I & any 3 questions in Part II.**

Part I

Question 01

- Explain briefly the conditions required to complete an evaluation.
- State 3 differences between a physical measure and mental measure giving examples
- Explain why "Assessment" and not "Evaluation" is considered as a developmental process
- Differentiate between "Informal Assessment" and "Formal Assessment".
- Differentiate between "Formative Assessment" and "Summative Assessment".
- Explain briefly what is an objective type question.
 - Name the two main categories of objective type questions and give an example for each category.
- State the aspects that could be measured in the affective domain in relation to education. Give an example for each aspect.

(8 x 5 marks each = 40 marks)

Part II.

Question 02

- I. Explain briefly why assessment in education is important to the following groups.
 - a) students
 - b) teachers
 - c) parents
- II. Explain briefly three (3) attributes that can be assessed in the cognitive domain in relation to learning.
- III. Name an instrument to assess each attribute mentioned in ii above.

Question 03

- I. Explain what is a “Specification table (blue print)”
- II. Explain the importance of specification tables in educational assessment and evaluation.
- III. Mention 5 factors that have to be considered in constructing a specification table.

Question 04

- I. What are the 2 values needed to describe a set of marks?
- II. Five students of grade 8 have obtained the following marks in a test for a primary subject.
73 46 54 46 81
- III. Calculate the following:
 - a. The Mode
 - b. The Median and
 - c. The Arithmetic Mean of the set of marks.

Question 05

You are requested by the Head Teacher to evaluate a small group of primary students who are engaged in a dramatic activity in an English language class. Describe how you will do it.

(3x 20 marks= 60 marks)

Total = 100 marks



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REPEAT EXAMINATION QUESTION PAPER

DEPARTMENTAL DOCUMENTED INFORMATION REFERENCE –QP

EDUCATION & TRAINING COURSE: DIPLOMA IN PRIMARY TEACHING

COURSE CODE: LC – 0839

SUBJECT: EDUCATIONAL GUIDANCE AND COUNSELLING

Faculty	Department / Section/Division
Management, Humanities and Social Sciences	Education and Languages

INSTRUCTIONS TO CANDIDATES	Date: 03.08.2019
Answer only <u>four</u> questions.	Duration of the examination = 02 hours
Candidates are not allowed to communicate with and disturb fellow candidates during the examination.	Candidates could be disqualified if you violate examination rules.
	Marks = 100

- ❖ Write only four questions.
- ❖ Each question carries 25 marks.

Question 01

Guidance can be defined as a process, developmental in nature, by which an individual is assisted to understand, accept and use his/her abilities, aptitudes and interests and attitudinal patterns in relation to his/her aspirations.

- (i.) What are the aims of school guidance services? (10 marks)
- (ii.) What are the major areas of school guidance? (15 marks)

Question 02

Counselling is a process by means of which the helper expresses care and concern towards the person with a problem, and facilitates that person's personal growth and brings about change through self-knowledge.

- (i.) Examine goals of counselling. (10 marks)
- (ii.) Describe stages of the counselling process. (15 marks)

Question 03

In counselling, empathy is an important quality any counsellor must possess to understand the client's need to feel "held", understood as well as respected. Sympathy, on the other hand, is not empathy.

- (i.) What is Empathy? (10 marks)
- (ii.) Write down characteristics of a good counselor. (15 marks)

Question 04

Though general information of the client can be deduced from the oral question-and-answer session along with the interaction, it is common to get some details before and during counselling session using other methods.

- (i.) Explain the need of questioning in counseling. (10 marks)
- (ii.) Write the importance of 'reading non-verbal expressions' in counseling. (15 marks)

Question 05

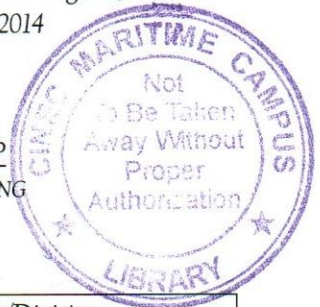
Write an essay on one of following: (25 marks)

- (i.) Rights of clients
- Or**
- (ii.) Confidentiality in Counseling



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FINAL EXAMINATION QUESTION PAPER
DEPARTMENTAL DOCUMENTED INFORMATION REFERENCE – QP
 EDUCATION & TRAINING COURSE: DIPLOMA IN PRIMARY TEACHING
 COURSE CODE: LC – 0839
 SUBJECT: PRIMARY MATHEMATICAL SKILLS



Faculty	Department / Section/Division
Management, Humanities and Social Sciences	Education and Languages

INSTRUCTIONS TO CANDIDATES	Date: 2019.03.24
Answer all the questions in Part I and answer any 04 questions from Part II.	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

Question 01

- * Answer all the questions in Part I.
- * Underline the correct answer.

[20 marks]

- I. Which of the following attributes is usually used to separate a bag of vegetables?
 - a) size
 - b) colour
 - c) shape
 - d) kind

- II. Which of these would most likely be measured in millimeters?
 - a) The amount of liquid in a teaspoon
 - b) The weight of a pin
 - c) The amount of gasoline in a tank
 - d) The thickness of 10 sheets of paper

- III. What is the place value of 6 in the number 65 871.5?
 - a) 6
 - b) 60
 - c) 6 000
 - d) 60 000

- 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
- Relationships
 - Ordering
 - Invariance
 - Neighborhood
- V. If x, y, z are positive integers and $x > y$ and $y > z$, which of the following represents the greatest value?
- $x - z$
 - $y - z$
 - $x - y$
 - $z - x$
- VI. Which of the following shapes has only two axes of bilateral symmetry?
- Rectangle
 - Square
 - Parallelogram
 - Circle
- VII. Which of the following fractions is equivalent to the fraction $\frac{3}{4}$?
- $\frac{33}{44}$
 - $\frac{24}{32}$
 - $\frac{1}{4}$
 - $\frac{9}{16}$
- VIII. Which of the following expressions provide a positive value?
- $-3 - (-5)$
 - $(-3)(+5)$
 - $-5 + (-3)$
 - $-5 - (-3)$
- IX. Which of the following vocabulary words are related to spatial relationships?
- big, small
 - long, short
 - above, under
 - minutes, hours
- X. Select the correct order of following experiences that are used in introducing number concepts in primary grades.
- Visual, Abstract, Concrete
 - Concrete, Visual, Abstract
 - Abstract, Visual, Concrete
 - Concrete, Abstract, Visual

Part II

* Answer any 04 questions in Part II.

[4 × 20 = 80 marks]

Question 02

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

Question 03

- I. The most common number system in the world is Hindu–Arabic number system. Explain the advantages of this number system. [10 marks]
- II. Explain a sequence of activities suitable to introduce ‘number 3’ in early grades. [10 marks]

Question 04

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. Write a suitable topic 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. [12 marks]

Question 05

There are three essentially sequential stages to follow in developing concepts related to measuring attributes of objects (such as length, area, volume & capacity etc.). They are: Premeasuring stage, use of arbitrary units for measuring and Use of standard units for measuring.

Explain the teaching strategies which can be used in each of these three stages in developing concepts related to measuring length. [20 marks]

Question 06

- I. Explain the benefits of using oral questions in mathematics lessons? [08 marks]
- II. Describe the difference between an open ended question and a closed ended question. Write two questions for each of these two types of questions. [12 marks]

Question 07

- I. Select the correct pair of signs to fill in the boxes. [02 marks]
 $15 \square \quad 4 \square \quad 12 = 5$
- II. What is the place value of D in the number MMMDXXVII? [02 marks]
- III. Write 5937 in Roman numerals. [05 marks]
- IV. Write $31/125$ as a decimal number. [06 marks]
What is the hundredth digit of this decimal number?
- V. What is the maximum number pieces of 0.75m which can be cut from a 6m long ribbon. [05 marks]

Question 08

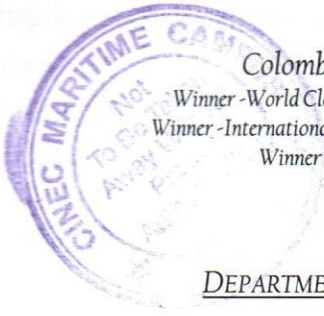
- I. Explain the difference between Instrumental learning (rote learning) and Relational Learning (meaningful learning). [10 marks]
- II. Explain the importance of formative assessment in mathematics lessons. [10 marks]

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



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FINAL EXAMINATION QUESTION PAPER

DEPARTMENTAL DOCUMENTED INFORMATION REFERENCE -QP

EDUCATION & TRAINING COURSE: DIPLOMA IN PRIMARY TEACHING

COURSE CODE: LC - 0839

SUBJECT: PRIMARY SCIENCE

Faculty	Department / Section/Division
Management, Humanities and Social Sciences	Education and Languages

INSTRUCTIONS TO CANDIDATES	
Answer <i>all</i> questions in Part I .	Date of the examination: 2018.01.28
Answer any 05 questions in Part II .	Duration of the examination = 03 hours
Candidates are not allowed to communicate with and disturb fellow candidates during the examination.	Candidates could be disqualified if you violate examination rules.

Part I

Question 01

Answer all questions in Part I.

- Which one of the following is necessary for photosynthesis but is difficult to show practically?
 - Carbon dioxide
 - Sun light
 - Water
 - Chlorophyll
- The principal role of a flower in the life cycle of a plant is.....
 - attracting insects
 - producing seeds
 - producing pollen
 - producing nectar
- The information about cyclones can be obtained from
 - Neighbours
 - metero-logical Department
 - fishermen
 - coast conservation Department
- It is essential to clean the wells after floods and cyclone because
 - The water get polluted
 - you get financial support
 - you get the help of others
 - It is good to clean the well off and on

5. If your family has faced the emergency situation like a cyclone what you should do is,
- (a) to go out and find out the situation
 - (b) to find out a method to stop the cyclone
 - (c) to tie your pet dog or cat
 - (d) to help the adults to face the situation bravely and sensibly
6. Gynaecium of a flower is,
- (a) Stamens, ovary and stigma
 - (b) Stamens, pollen and ovary
 - (c) Ovary, stigma and pollen sac
 - (d) Ovary, style and stigma
7. Which of the following does NOT manufacture digestive juices?
- (a) Liver
 - (b) Kidneys
 - (c) Stomach
 - (d) Pancreas
8. Bile is produced in the
- (a) liver.
 - (b) small intestine.
 - (c) pancreas.
 - (d) stomach.
9. Which acid is secreted by the cells of the gastric glands in the stomach?
- (a) hydrochloric acid
 - (b) nitric acid
 - (c) hydroiodic acid
 - (d) sulphuric acid
10. Excess glucose in the human body are stored as _____ in the liver.
- (a) Glycerol
 - (b) Glycerine
 - (c) glycogen
 - (d) Glucose
11. The movements that propel the food particles through the digestive tract are called .
- (a) Peristalsis
 - (b) rhythm
 - (c) mastication
 - (d) Hydrolysis
12. A structure that could be seen in plant cell, but not in an animal cell is
- (a) Mitochondria
 - (b) cell wall
 - (c) cytoplasm
 - (d) plasma membrane

13. The part of the cell in which the reaction that supply energy for vital activities take place in
- (a) Chloroplast
 - (b) Ribosome
 - (c) Golgi body
 - (d) Mitochondrion
14. Which type of blood vessels carries blood away from the heart?
- (a) Veins
 - (b) Arteries
 - (c) Capillaries
 - (d) Arteries, veins and capillaries
15. What is the organ that pumps blood all throughout the human body?
- (a) The lungs
 - (b) The heart
 - (c) The kidneys
 - (d) The blood vessels and capillaries
16. Which one of the following is not an excretory product?
- (a) Urine
 - (b) Sweat
 - (c) Carbon dioxide
 - (d) Faces
17. Which one of the following is not an organ belongs to digestion system?
- (a) Liver
 - (b) small intestine
 - (c) Lungs
 - (d) Pancreas
18. There is only one in a cell.
- (a) Nucleus
 - (b) Golgi apparatus
 - (c) Ribosome
 - (d) Mitochondria
19. Why is oxygen important to blood and to the cells?
- (a) Oxygen helps the blood to clot.
 - (b) Oxygen brings food to the cells.
 - (c) Oxygen is necessary for cell growth and energy.
 - (d) Oxygen is not important -- carbon dioxide is the most important substance to the body.

20. The circulatory system is composed of...
- (a) The heart, blood, and blood vessels
 - (b) The heart, the brain, and the lungs
 - (c) The lungs, the blood, and the blood vessels
 - (d) The brain, the heart, and the blood vessels
21. Where red blood cells are made?
- (a) Heart
 - (b) Lungs
 - (c) Bone marrow
 - (d) Kidneys
22. The endoplasmic reticulum functions to:
- (a) transport materials
 - (b) destroy old cell parts
 - (c) make ribosomes
 - (d) package proteins
23. A feature shown by dicotyledonous plant,
- (a) Presence of a tap root system
 - (b) Presence of parallel venation in leaves
 - (c) Presence of flowers trimerous arrangements
 - (d) Presence of one cotyledon in seeds
24. does not belong to the class amphibians
- (a) Salamander
 - (b) Toad
 - (c) Geckos
 - (d) Frog
25. Which of the following part belongs to Androceium of a flower
- (a) Stigma
 - (b) Style
 - (c) Ovary
 - (d) anther

PART-II

❖ Answer any 05 questions from the following.

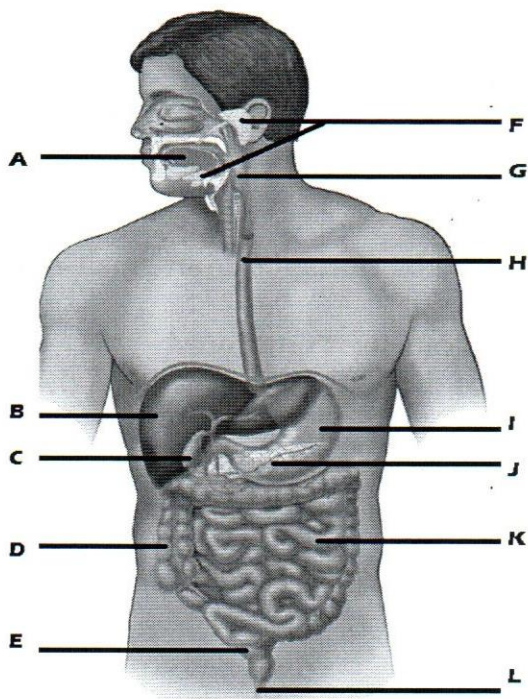
Question 02

- (i) What are the main nutrients in a balanced diet?
- (ii) Indicate the main functions of the above nutrients.
- (iii) Give three examples of food items for each of the above.
- (iv) List five nutrient deficiency syndromes.
- (v) List six good healthy habits one should follow.

(15 marks)

Question 03

- (i) Label the parts from A-L of the following figure.



- (ii) Name two hormones secreted by the organ J.
- (iii) What is the main function of the organ K?
- (iv) What are the adaptations of K to do its functions?
- (v) Write the functions of the two hormones mentioned in above ii.

(15 marks)

Question 04

- (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?
- (v) Who are omnivorous animals? Name three omnivorous animals?

(15 marks)

Question 05

- (i) What is Environment pollution?
- (ii) What are the three main categories of environment pollution?
- (iii) List five main ways of air pollution?
- (iv) Write five ways of water pollution?
- (v) What is global warming? What are the bad effects of global warming?

(15 marks)

Question 06

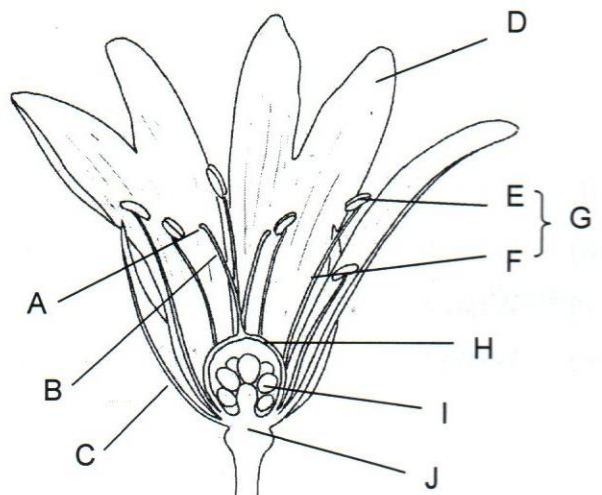
Human blood circulatory system is an important system in regulating most of the functions.

- (a) Name four functions of blood circulatory system.
- (b) Indicate the path of blood which absorbs nutrients from small intestine travel to lungs.
- (c) Name two valves present in heart. Indicate their functions.
- (d) Explain how natural coagulation of blood happens. Name the disease which prevents blood coagulation.
- (e) Name two diseases related to blood and give causes for each of them.

(15 marks)

Question 07

- (i) Name the parts from A-J shown on this drawing of a half-flower.
- (ii) What is (a) the male gamete, and (b) the female gamete in a flowering plant?
- (iii) What is pollination?
- (iv) Name two functions of D.
- (v) What is meant by bi-sexual flower?



(15 marks)

Question 08

- (i) What are the important components of a lesson plan?
- (ii) Name five features of a student centered class room.
- (iii) Explain the 5E methodology in teaching science.
- (iv) List five qualities of an effective primary science teacher.
- (v) Explain three methods you can use to evaluate students in a science class.

(15 marks)

EXAMINATION

21 JAN 2018



CINEC Colombo International Nautical and Engineering College

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FINAL EXAMINATION QUESTION PAPERDEPARTMENTAL DOCUMENTED INFORMATION REFERENCE - QP

EDUCATION & TRAINING COURSE: DIPLOMA IN PRIMARY TEACHING

COURSE CODE: LC - 0839

SUBJECT: CHILD PSYCHOLOGY

Faculty	Department / Section/Division
Management, Humanities and Social Sciences	Education and Languages

INSTRUCTIONS TO CANDIDATES	
Answer all questions in Part I .	Date of the examination: 2018.01.21
Answer any 05 questions in Part II .	Duration of the examination = 03 hours
Candidates are not allowed to communicate with and disturb fellow candidates during the examination.	Candidates could be disqualified if you violate examination rules.

Part I**Question 01**

Answer all the questions.

- Maslow's theory is a _____ approach:
 - constructivist
 - behaviourist
 - humanistic
 - cognitive
- According to Maslow's Hierarchy of Needs, what is the first need that must be met?
 - Safety
 - Belonging
 - Esteem
 - Physiological
- A self-actualized person is:
 - Lacking many friends.
 - Is common in the population.
 - Has few peak experiences.
 - A person who focuses on problems outside of themselves.
- Maslow believed that basic needs should be met in order to move to a higher level.
 - True
 - False
 - More true than false
 - More false than true

5. Examples of physiological needs are:
 - a. Food
 - b. Water
 - c. Sleep
 - d. All of the above

6. Maslow was the founder of
 - a. Broadly-based psychology
 - b. Humanistic psychology?
 - c. Behaviouristic psychology?
 - d. Educational psychology?

7. Maslow's main concept was called the:
 - a. Humanistic Pyramid
 - b. Hierarchy of Human Needs
 - c. Psychosocial Stages of Development
 - d. Behavioural patterns

8. George is in preschool. His teachers notice that he is hyper likes to jump around a lot and cannot sit still during nap time. George is probably
 - a. high in sociability
 - b. anxious attached child
 - c. introvert
 - d. high in activity level

9. Which of the following is NOT one of the Erikson's stages of psychosocial development?
 - a. Industry vs. Inferiority
 - b. Intimacy vs. Isolation
 - c. Trust vs. Mistrust
 - d. Life vs. Death

10. The hardest stage to recognize individual need in is the:
 - a. Safety level
 - b. Love and Belonging level
 - c. Actualization level
 - d. Esteem level

11. Maslow based his theories on:
 - a. studies of his own children
 - b. memories of his parents
 - c. assumptions about human potential and case studies of famous people
 - d. studies of Rhesus monkeys

12. child writes with his / her left hand and is comfortable doing things with it, she / he should be -
- Discouraged
 - Made to write with the left hand
 - Allow his preference
 - Send to seek medical help
13. Which of the following would not foster safety and security in your classroom?
- Structure/routine
 - Colourfully decorated classroom
 - Order
 - Limits/rules
14. Every learner is unique means that
- No two learners are alike in their abilities, interests and talents
 - Learners do not have any common qualities, nor do they share common goals
 - A common curriculum for all learners is not possible
 - It is impossible to develop the potential of learners in a heterogeneous class
15. The most difficult age for the development of a child is -
- Early childhood
 - Teen age
 - Young age
 - Adult age
16. Child development is defined as a field of study that
- examines change in human abilities.
 - seeks to explain behaviour across the life span.
 - compares children to adults to senior citizens.
 - accounts for the gradual evolution of the child's cognitive, social, and other capacities.
17. Most psychologists believe that development is due
- largely to nature.
 - largely to nurture.
 - to nature and nurture acting separately.
 - to an interaction of nature and nurture.
18. An ideal teacher should concentrate
- On teaching methods
 - On the subject being taught
 - On students and their behaviours
 - On all of these

19. A creative learner refers to one who is
 - a. very talented in drawing and painting
 - b. highly intelligent
 - c. capable of scoring consistently good marks in tests
 - d. good at lateral thinking and problem solving

20. Individual learners differ from each other in
 - a. principles of growth and development
 - b. rate of development
 - c. sequence of development
 - d. general capacity for development

21. According to Piaget, during the first stage of development (birth to about 2 years age), a child learns best
 - a. by using the senses
 - b. by comprehending neutral words
 - c. by thinking in an abstract fashion
 - d. by applying newly acquired knowledge of language

22. Diagnosis of the gaps in the learning of students should be followed by
 - a. appropriate remedial measures
 - b. intensive drill and practice.
 - c. systematic revision of all lessons
 - d. reporting the findings to learners and parents

23. A teacher wants the gifted children of her 'class to achieve their potential. Which of the following should she not do to achieve her objective?
 - a. Teach them to enjoy non-academic activities
 - b. Teach them to manage stress
 - c. Segregate them from their peers for special attention
 - d. Challenge them to enhance their creativity

24. Learners should not be encouraged to
 - a. ask as many questions as possible both inside and outside the class
 - b. actively interact with other learners in group work
 - c. participate in as many co-curricular activities as possible
 - d. memorize all the answers to questions which the teacher may ask

25. Sunil breaks toys and dismantles them to explore their components. What would you do?
 - a. Never let Sunil play with toys
 - b. Always keep a close watch
 - c. Encourage his inquisitive nature and channelise his energy
 - d. Make him understand that toys should not be broken

26. The statement 'Men are generally more intelligent than women'
- is true
 - may be true
 - shows gender bias
 - is true for different domains of intelligence
27. Understanding the principles of development of a child helps a teacher in
- identifying the social status of the learner
 - identifying the economic background of the learner
 - rationalizing why the learner ought to be taught
 - effectively catering to the different learning styles of learners
28. Which of these are associated with insecurely attached infants in later life?
- less competent
 - has less mature friends
 - less socially skilled
 - all of the above
29. According to Erikson's eight stages of psychosocial development, during which age does the psychological stage of trust vs. mistrust develop?
- early childhood
 - infancy
 - adolescence
 - adulthood
30. Which of the following would be true of birth order?
- First born and only children are higher in achievement motivation
 - Young children are more relation oriented.
 - Having younger siblings increases power motivation.
 - All of the above

(30 marks)

Part II

* Answer any five questions.

Question 02

- (i) Show the differences and similarities between Psychology and Child psychology?
- (ii) List the importance of child psychology to a teacher.

(14 marks)

Question 03

- (i) Compare and contrast Piaget's and Vygotsky's theory of cognitive development?
- (ii) Summarize Piaget's theory of cognitive development.

(14 marks)

Question 04

- (i) What are the process theories of motivation?
- (ii) What are the different types of individual needs?

(14 marks)

Question 05

- (i) Explain Piaget's four stages of intellectual development with suitable examples.
- (ii) Why do you think Piaget's theory of education is so important? Use examples for your explanations.

(14 marks)

Question 06

- (i) Explain using examples what constructivism is?
- (ii) Explain how behaviourism impacts on learning of a child?

(14 marks)

Question 07

- (i) What are the three main learning theories? Briefly explain.
- (ii) Briefly explain Ivan Pavlov's classical conditioning theories?

(14 marks)



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FINAL EXAMINATION QUESTION PAPER

DEPARTMENTAL DOCUMENTED INFORMATION REFERENCE -QP

EDUCATION & TRAINING COURSE: DIPLOMA IN PRIMARY TEACHING

COURSE CODE: LC - 0839

SUBJECT: PRIMARY MATHEMATICS

Faculty	Department / Section/Division
Management, Humanities and Social Sciences	Education and Languages

INSTRUCTIONS TO CANDIDATES	
Answer <i>all</i> questions in <i>Part I</i> .	Date of the examination: 2018.01.13
Answer any 4 questions in <i>Part II</i> .	Duration of the examination = 03 hours
Candidates are not allowed to communicate with and disturb fellow candidates during the examination.	Candidates could be disqualified if you violate examination rules.

Part I

Question 01

- ❖ Answer all questions in Part I.
- ❖ Underline the correct answer.

(20 marks)

- (i) What is the place value of 5 in the number 57 030?
- | | |
|----------|-----------|
| a) 5 | b) 50 |
| c) 5 000 | d) 50 000 |
- (ii) How many edges are there in a cuboid?
- | | |
|-------|-------|
| a) 6 | b) 8 |
| c) 12 | d) 16 |
- (iii) 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) Invariance |
| b) Ordering |
| c) Relationships |
| d) Neighborhood |

- (iv) When you subtract one of the numbers below from 1000, the answer is greater than 400. Which number is it?
- a) 812 (b) 767
c) 679 (d) 587
- (v) Which of these would most likely be measured in milligrams?
- a) The amount of liquid in a teaspoon
b) The weight of a pin
c) The amount of gasoline in a tank
d) The thickness of 10 sheets of paper
- (vi) Which of the following shapes has only four axes of bilateral symmetry?
- a) Rectangle (b) Square
c) Parallelogram (d) Trapezium
- (vii) Which of the following fractions is equivalent to the fraction $\frac{22}{3}$?
- a) $\frac{23}{33}$ (b) $\frac{16}{24}$
c) $\frac{1}{3}$ (d) $\frac{4}{9}$
- (viii) Which of the following expressions provide a positive value?
- a) $-3 - (-5)$ (b) $(-3) (+5)$
c) $-5 + (-3)$ (d) $-5 - (-3)$
- (ix) Which of the following vocabulary words are related to spatial relationships?
- a) big, small (b) long, short
c) above, under (d) minutes, hours
- (x) Select the correct order of following experiences that are used in introducing the concept of addition.
- a) Concrete, Abstract, Visual (b) Concrete, Visual, Abstract
c) Abstract, Visual, Concrete (d) Visual, Abstract, Concrete

Part II

❖ Answer any 4 questions in Part II.

(4 × 20 = 80 marks)

69
±**Question 02**

- 1) Explain a sequence of activities suitable to introduce 'number 3' to children. (12 marks)
- 2) Explain activities you can use to introduce ordinal numbers (first, second, third...?) (08 marks)

Question 03

- 1) What is "100-Box Calculation"?. What are the advantages of this activity? (08 marks)
- 2) Design a set of 10 dominoes to strengthen the knowledge of addition bonds. (sum not exceeding 20.) (12 marks)

Question 04

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

The following table shows a set of data collected by a group of grade 5 children.

Favorite colour	No. of students
Green	7
Pink	7
Blue	6
Yellow	5

- 1) Draw a suitable bar graph using the above data. (04 marks)
- 2) What would be a suitable topic for this graph? (02 marks)
- 3) What information does the vertical axis give? (02 marks)
- 4) Write three questions to ask from children to test their ability to interpret data shown in the graph. (12 marks)

Question 05

There are three essentially sequential stages to follow in developing concepts related to measuring attributes of objects (such as length, area, volume & capacity etc.). They are: Premeasuring stage, Use of arbitrary units for measuring and Use of standard units for measuring.

Explain the teaching strategies which can be used in each of these three stages in developing concepts related to measuring length. (20 marks)

Question 06

- 1) Write 3507 in Roman numerals. (06 marks)
- 2) What is the place value of D in the number MCDXIV? (03 marks)
- 3) $4+4+4+4+4 = 20$
Write this addition fact as a multiplication fact. _____ \times _____ = _____ (03 marks)
- 4) What is the thousandths digit in the decimal number 0.30165? (03 marks)
- 5) A rope 20.6 m long is cut into two pieces. If the length of one piece of rope is 2.8 m longer than the length of the other. Find the lengths of these two pieces of rope? (05 marks)

Question 07

- 1) Describe three activities which can be used to introduce the concept of place value? (10 marks)
- 2) Describe the difference between an open ended question and a closed ended question.
Write two questions for each of these two types of questions. (10 marks)

Question 08

- 1) Explain the importance of formative assessment in mathematics lessons.
Write three different types of assessment strategies which can be used in mathematics lessons. (10 marks)
- 2) Why it is important to provide positive feedback for children in mathematics lessons?
Explain two different types of occasions you can use feedback in lessons. (10 marks)



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FINAL EXAMINATION QUESTION PAPER

DEPARTMENTAL DOCUMENTED INFORMATION REFERENCE - QP

EDUCATION & TRAINING COURSE: DIPLOMA IN PRIMARY TEACHING

COURSE CODE: LC - 0839

SUBJECT: COUNSELLING AND GUIDANCE

Faculty	Department / Section/Division
Management, Humanities and Social Sciences	Education and Languages

INSTRUCTIONS TO CANDIDATES	Date: 2018.01.07
Answer any 05 (five) questions from Part A and any 04 (four) questions from Part B.	Duration of the examination = 03 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 A

❖ Answer any FIVE questions.

1. Explain the role of school counselling
2. Give a definition of Guidance
3. What are the key differences between Guidance and Counselling
4. Describe the various steps in the counselling process.
5. Explain the advantages of group counselling.
6. Give three physical symptoms of anxiety.
7. Discuss the qualities of an efficient counsellor.

(5 × 8 = 40 marks)

PART B

❖ Answer any **FOUR** questions.

1. Specify the variables (behavioural patterns) that you can expect in a client.
2. Explain how you end a counselling session.
3. What type of personality characteristic are suitable for a counsellor?
4. How are counsellors supposed to collect information of a client?
5. Examine various relationship techniques used for the establishment and progress of a counselling relationship.
6. Write short note two of below.
 - a) Educational Guidance.
 - b) Group Counselling.
 - c) Vocational Guidance.

(4 × 15 = 60 marks)



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FINAL EXAMINATION QUESTION PAPER

DEPARTMENTAL DOCUMENTED INFORMATION REFERENCE - QP

EDUCATION & TRAINING COURSE: DIPLOMA IN PRIMARY TEACHING

COURSE CODE: LC - 0839

SUBJECT: EDUCATIONAL MEASUREMENT AND EVALUATION

Faculty	Department / Section/Division
Management, Humanities and Social Sciences	Education and Languages

<i>INSTRUCTIONS TO CANDIDATES</i>	Date: 2018.01.07
Answer all questions in Part I.	Duration of the examination = 03 hours
Answer any FIVE (05) questions from Part II.	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

Question 01

❖ **Answer All Questions.**

- **Select your answer for each question (1-20) and encircle the relevant number, (1), (2), (3), or (4).**
- **At the end of the test return the Part 1 sheet with the Part II answer script.**

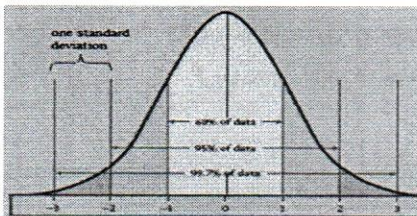
1. Which of the following is an example for formative assessment?

- (1) Tests and assessments conducted by classroom teachers
- (2) Grade 5 Scholarship Examination conducted by the Department of examinations
- (3) Tests conducted in schools at the end of the year.
- (4) G.C.E. Ordinary Level Examination

2. The term, 'evaluation' is described as

- (1) measuring mental and physical abilities of students.
- (2) grading student achievement through examinations.
- (3) appraising student's moral characteristics.
- (4) a value judgment made about overall performance of a student.

3. Which of the following is **not** an important characteristic of formative assessment?
- (1) Best students are selected to give awards.
 - (2) Students' progress is continuously assessed.
 - (3) Provide feedback to students in order to improve learning.
 - (4) Assessment of students' achievement is conducted by classroom teachers.
4. What is the main objective of conducting a 'placement test'?
- (1) To select best students who have performed well in examinations conducted in past years.
 - (2) To rank students according to test results in order to give awards
 - (3) To identify future abilities
 - (4) To categorize students according to their ability levels before commencing a course



5. As shown in the above figure test scores of 10,600 students are distributed as a bell-shaped curve. It shows that
- (1) more than half of the students have obtained scores above the mean.
 - (2) more than half of the students have obtained scores below the mean.
 - (3) number of students in the center are more than the numbers in extreme ends.
 - (4) cleverest students are more than the weakest students.
6. Select the answer that include a learning activity that can be categorized under 'psycho-motor domain'
- (1) Remembering the names of governors ruled in the British period.
 - (2) Comprehend the meaning of a passage.
 - (3) Swimming 50 meters as instructed by the coach.
 - (4) Translating a description written in Sinhala to Tamil.
7. A student writes an essay on 'Environmental Pollution in urban Areas in Sri Lanka'. The ability level the student performs according to the Bloom's classification is
- (1) understanding (2) comprehension (3) analysis (4) synthesis
8. The lowest three levels of the 'Taxonomy of Educational Objectives' introduced by Benjamin Bloom are;
- (1) Knowledge, comprehension and application (2) Knowledge, comprehension and analysis
 - (3) Remembering, analyzing and evaluating (4) comprehension, application and evaluation

9. According to the Anderson's revised classification of Bloom's taxonomy the highest ability level that can be gained by a student is named as

- (1) Evaluation (2) synthesis (3) creating (4) analyzing

10. Read the following questions

- i. In which year British people conquered the upcountry in Sri Lanka?
- ii. Name the ancient king who built Sigiriya fortress?
- iii. Translate this passage to English.
- iv. Who wrote the novel 'Village in the Jungle'?"
- v. Write an article on environmental pollution

Of the above, the questions that measure cognitive abilities beyond the remembering ability are

- (1) I, ii, and iv (2). ii, iv, and v (3). ii, iii and v (4). iii and v only

11. Which of the following test type can be considered as a supply type test?

- (1) Matching questions
- (2) True-false or alternatives
- (3) Short – Answer
- (4) Multiple-choice

12. A question was given in a General knowledge test paper to write the name of the American astronaut and the first person to walk on the Moon (Neil Alden Armstrong). This question can be categorized as a/an

- (1) essay type question
- (2) structured Essay type question
- (3) short Answer Type question
- (4) matching question

13. Read the following MC test item.

Sri Lanka

- I. is located in the Northern part of the Asia
- II. Is a world famous country for football
- III. is divided into 9 administrative districts
- IV. was known until 1972 as 'Ceylon'

What is the main defect of this test item?

- (1) All answers are distractors
- (2) There are more than one correct answer
- (3) It is too difficult
- (4) Stem of the item does not include a problem

14. When examination results are released, some students are not satisfied with their results and apply for 're-correction'. This is an issue related to the

- (1) Reliability of the test
- (2) Validity of the test
- (3) Practicability of the test
- (4) Examination supervision

Read the data given in the following Table and answer questions 15 and 16.

Frequency Distribution of Health Science scores of the Grade 7A

CI (Class Intervals)	f (frequency)
90-99	3
80-89	5
70-79	7
60-69	10
50-59	11
40-49	5
30-39	7
20-29	1
10-19	1
	N= 50

15. The width of a class interval in this frequency distribution is
 (1) 9 (2) 10 (3) 11 (4) 80
16. The percentage of students who have obtained marks less than 69.5 is
 (1) 25 (2) 30 (3) 35 (4) 70
17. Ten students obtained the following scores for a classroom test;
 8, 12, 14, 8, 7, 6, 16, 15, 9, 15
 The mean of these scores is:
 (1) 9.5 (2) 10.0 (3) 11.0 (4) 11.5
18. Which of the following is a measure of variability or dispersion of a set of scores?
 (1) Mean (2) Mode (3) Median (4) Standard deviation

Read the data given in the box and answer questions 19 and 20

Subject: English	No. of candidates: 10,000
Mean value of scores: 54	Standard Deviation of scores: 12

19. Niluka, one of the candidates, obtained 72 marks. Accordingly, the **Z score** for English she gets is
 (1) -1.5 (2) -1.0 (3) 0.5 (4) 1.5
20. Narada came to know that his **Z score** for English is 0.5. The **Raw Score** obtained by him for English is
 (1) 48 (2) 60 (3) 66 (4) 72

PART II

❖ Answer 5 Questions.

Question 02

- (1) Assuming that you are an English teacher at primary level, state four different ways of assessing language skills of your students.
- (2) Select one of the above and describe how you conduct the assessment.

Question 03

- (1) Clarify the difference between the two terms 'Formative Assessment' and 'Summative Assessment'
- (2) 'Formative assessment is more useful than summative assessment to assess language skills' Do you agree? Give two reasons.

Question 04

- (1) Name and describe briefly the first three levels of cognitive abilities as categorized in the Bloom's Taxonomy of Educational Objectives.
- (2) Suggest an activity related to Mathematics / Science / English for Grade three students that will help improve their creative ability. Mention step by step what children should do.

Question 05

- (1) Construct 5 alternative test items (yes/no questions) to assess writing ability of grade 3 students.
- (2) What are the advantages and disadvantages of using Multiple-choice test items instead of essay test items at primary level.

Question 06

- (1) Re-structure the following essay type question as a 'structured essay type question' with three parts. The question should be appropriate to assess Grade 6/7 students.

"Write an essay on environmental pollution"

- (2) What are the advantages of structuring essay questions as structured essay questions?

Question 07

Scores obtained by 6th Grade 50 students for English Language at the final term test are shown in the following Table.

60	55	95	45	45	40	55	55	55	65
60	60	78	75	70	50	85	90	65	60
95	55	40	45	30	40	45	65	70	65
55	45	50	65	75	90	80	85	75	80
50	40	90	85	65	45	55	90	70	55

- A. Construct a frequency distribution for the above set of scores. (lowest class interval = 10-19) *(6 marks)*
- B. Add cumulative frequency column and the cumulative frequency column. *(2 marks)*
- C. Write a statement about the achievement level of students. *(2 marks)*

(5x10 =50 marks)



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FINAL EXAMINATION QUESTION PAPER

DEPARTMENTAL DOCUMENTED INFORMATION REFERENCE - QP

EDUCATION & TRAINING COURSE: DIPLOMA IN PRIMARY TEACHING

COURSE CODE: LC - 0839

SUBJECT: EDUCATIONAL PSYCHOLOGY

Faculty	Department / Section / Division
Management, Humanities and Social Sciences	Education and Languages

INSTRUCTIONS TO CANDIDATES	Date: 2018.01.06
Answer any 05 (five) questions from Part A and any 03 (three) questions from Part B	Duration of the examination = 03 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 A

❖ Answer any FIVE questions.

1. How do you interpret educational psychology?
2. Why is it important for a teacher to study child development?
3. How do you see the difference between psychology and educational psychology?
4. Identify and define four aims of Educational Psychology.
5. Describe the difference between the behavioral and social learning processes.
6. Explain why it is important for a teacher to have sound knowledge of motivation.
7. Explain how Behaviourists explain learning.

(5 × 8 = 40 marks)

Part B

❖ Answer any **THREE** questions.

01. Thorndike (1874-1949) introduced the theory of trial and error conditioning. In this theory, the basic principle of learning is the influence of reward and punishment.
 - a) How is a teacher supposed to use reward and punishment to educate children?
 - b) What are the negative outcomes giving reward and punishment.

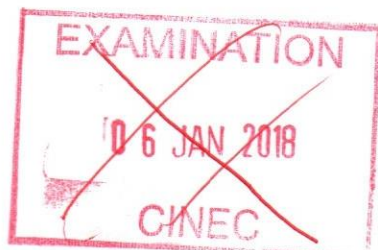
02. Sigmund Freud (1856-1939), believed that children go through different levels of psychosexuality at different stages. At each stage, there is a part of the body that provides satisfaction to the sexual needs.
 - a) Mention Freud's psychosexual stages of development and the parts of the body that gives sexual pleasure during each stage.
 - b) According to Freud what would happen if child does not get satisfaction for their sexual needs.

03. Humanistic psychologist, Abraham Maslow established that human needs can be grouped into five levels of hierarchy which range from the low level needs (basic needs) to the high level needs (psychological needs).
 - a) What is the main focus of Humanistic Approach?
 - b) Illustrate Maslow's hierarchy of needs

04. Write short notes on two topics given below.
 - a) Behavioral learning Theories.
 - b) Pavlov's Classical Conditioning Theory
 - c) Social Learning Theory: Bandura
 - d) Cognitive learning process

05. Write an essay on "The importance of teachers' understanding of students". You are supposed to include five important points in your essay.

(3 × 20 = 60 marks)



Colombo International Nautical and Engineering College

Winner - World Class - Global Performance Excellence Award 2012 - Education Organization

Winner - International Asia Pacific Quality Award - 2010 - Best in Class - Education Organization

Winner - Sri Lanka National Quality Award 1999 - 2004 - 2009 - 2014

Approved for Quality Management System

FINAL EXAMINATION QUESTION PAPER

DEPARTMENTAL DOCUMENTED INFORMATION REFERENCE -QP

EDUCATION & TRAINING COURSE: DIPLOMA IN PRIMARY TEACHING

COURSE CODE: LC - 0839

SUBJECT: LANGUAGE AND COMMUNICATION

Faculty	Department / Section/Division
Management, Humanities and Social Sciences	Education and Languages

INSTRUCTIONS TO CANDIDATES	Date: 2018.01.06
Answer all questions.	Duration of the examination = 03 hours
Candidates are not allowed to communicate with and disturb fellow candidates during the examination.	Candidates could be disqualified if you violate examination rules.

Question 01

Read the passage and answer the questions given below.

(15 marks)

Different students like or dislike different subjects. However, there is one thing in common for all of them: the role of the teacher in these 'likes' and 'dislikes'. It is very hard for a student to succeed in learning a subject if he or she doesn't like the person who teaches it.

To be sure that students are going to like a teacher the school wants to hire, the principal of one high school decided to try a new way of choosing teachers. In order to be accepted, the candidate has to be interviewed twice – first by the principal and then by the students' committee.

Gabi Levy explains the reason for this double interview: "We, the students, want to know what kind of person our future teacher is because he or she will teach us and not the principal." Another student adds: "It is great that our school allows us to make important decisions and influence our school life."

The principal, Ronen Dan, agrees with his students: "The students want to know whether the candidate answers their criteria, and the administration has its own requirements. We discuss the results of each interview together and decide who can be accepted. I hope that now there will be fewer conflicts and more understanding between students and teachers in our school. This experiment teaches kids to take responsibility for their choice. If they approve of a teacher, they cannot complain that his or her requirements are unfair."

Part I

1. What is the connection between the teacher's personality and a student's success?
2. What made the school principal try a different approach in finding new teachers?
3. Who interviews potential teachers?
4. What is the purpose of the double interview, according to students?
5. How do students feel about their school because of this experiment?
6. How do the principal and the students cooperate when choosing the right teacher for their school?
7. What goal does the principal want to achieve by letting students take part in a job interview?

Part II

8. 'It is very hard for a student to succeed in learning a subject if he or she doesn't like the person who teaches it'. Do you agree with this statement? Explain it with your personal experience in **100 words**.
9. What is your opinion on giving students a chance to making decisions regarding their teachers?
10. Give a suitable title for the above passage.

Question 02

Fill in the blanks selecting the suitable words given below within brackets. (10 marks)

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

It must be only in Sri Lanka that the (1) Remain (2) and unmoved, while 14 (3) get knocked down by trains! This was (4)on the T.V, as happening in the Minneriya area. In other countries a train going through (5)habitation is driven so (6), that it can (7) be stopped. Also (8) ,..... are erected at (9) spots. Most of all, a (10) 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 (11) to have been taken, while 14 elephants (12) down by trains, like so many (13) getting crushed on the rail track? In fact, the T.V report did not (14)any action even being contemplated.

Apart from animal lovers, should not those who overwork elephants, like (15) merchants and (16), who now lament the death of elephants to march in perahas, take an (17) stand against their abuse? We have yet to see a Mahanayake (18) forward in their defense, as indeed in spite of appeals, in the defense of any animal in this land (19) animal 20) Compassion towards all beings taught by Buddha, seems to have become a non- starter with most of the Sri Lankans.

Question 03

Fill in the blanks with the most suitable verb form.

(15 marks)

I (1) (*went, had gone, was going*) to a meeting of our literary society last night. We (2) (*were having, had, have*) the most interesting speaker, a man by the name of Weston, who (3) (*wrote, has written, had written*) several books. He is in fact the person who (4) (*had been invited, invited, was invited*) to address the society on the occasion of our fifth anniversary, but unfortunately he (5) (*be, is, was*) ill at that time. He (6) (*overworked, has been overworking, had been overworking*) and as a result his doctor (7) (*order, ordered, was ordering*) him to take a complete rest for at least three months.

However, he has recovered from his illness now and last night he (8) (*had been telling, told, was telling*) us about his most recent work. It is a book about the famous traveler, Colonel Manning, who (9) (*is living, lived, was living*) in India in the early part of this century. Weston (10) (*had said, said, had been telling*) that for years he (11) (*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, (12) (*would not have, wasn't having, did not have*) much material.

Then one day he (13) (*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 (14) (*is not, was not, may not*) aware that her father had kept a diary but she suggested that he (15) (*look, will look, should look*) in the attic, where some of his boxes were stored.

Question 04

Turn the following sentences in to plural.

(10 marks)

1. How much is this red T-shirt?
2. The woman is we is German.
3. How old is the girl next door?
4. He's from Argentina.
5. Is this gentleman on holiday?
6. My father went to hospital to see one of his friends who was suffering from fever.
7. His mother arrived while he was reading a short story.
8. The thief entered the house slashed the owner of the house with a knife and robbed a big T.V.
9. My mother –in- law and father-in- law usually advise me.
10. The small child waiting at the bus halt with a lady is the stepson of that lady.

Question 05**Rewrite the following sentences correcting the errors.****(10 marks)**

1. They was carrying a basket full of flower.
1. My father bought car in the last years.
2. I waited for you since 9 o'clock in the morning.
3. The window have been broken by one of student in the class.
4. She was disappointing with him. She had expected him to be better.
5. My English teacher said me that I must improve my English knowledge.
6. I have returned all the books to the library yesterday
7. They has been playing foot ball.
8. I definitely have decide to go home.
9. Neither Ann nor Mary have arrived.
10. Each man and each woman have the right to vote.

Question 06

Fill in the blanks with the correct form of the verb given below. You may use Active or Passive as may be suitable. (05 marks)

The police team(investigate) into the Rs. 17 million bank robbery at Anuradhapura has found that the bank officers (not/ take) action to repair the alarm bell connected to the safe for the past four years. Police have said that the alarm bell..... (not / ring) on the day of the robbery and added if the bell had been in order it(activate) automatically when robbers (break open) the padlocks of the bank door.

The Assistant General Manager of the bank says that no security personnel (deploy) for the protection of any of the bank’s branches in the areas as other security measures (take) for the protection of those banks. Security personnel are deployed only during daytime when banks. (be) open for the public. He further says that they. (not / deploy) any security personnel at present at this branch as they..... (obtain) an insurance cover for the money in the safe.

Question 07

Rewrite each sentence beginning as shown, so that the meaning stays the same. (05 marks)

1. If you don’t do it, you will be in danger.

Unless you

2. I didn’t have an umbrella with me, so I got wet.

I wouldn’t.....

3. You dial this number to contact him.

If you.....

4. They promised me a present.

A present

5. We ought to start the work now.

It’s high time

Question 08

Join the following pairs of sentences with the words given. (05 marks)

1. My friend Kamal has decided to buy a new car. His car was stolen last week (whose)
.....
2. My purse was stolen this morning. I contained only Rs. 10. (which)
.....
3. There is a severe drought in the country at present. No power cuts are expected (although)
.....
4. My father did not join our trip. My mother did not join our trip. (neither nor)
.....
5. They cleared the road. People can't enter that area. (unless)
.....

Question 09

Fill in the blanks with the preposition given below. (10 marks)

- | | | | | | |
|-------|--------|--------|--------|--------|---------------|
| and, | after, | since, | from, | to, | for, |
| over, | to, | over, | still, | again, | behind/after, |
| From, | for, | with, | into, | up, | to, |
| from, | in | | | | |

"I will never forgive her," Anne muttered as she walked away (1) the class. Panting and running (2) her, Lilian came up (3) her and apologised profusely (4) accidentally spilling chocolate milk all (5) Anne's new bag. Anne refused (6) listen to Lilian. She cupped her hands (7) her ears, glared at Lilian (8) screamed.

"I'll never talk to you (9)!" Then she ran away.

Anne was (10) angry when she reached home. She banged the door hard (11) her and woke Granny (12) her afternoon nap. She was rude to Mother when Mother asked her what she wanted (13) dinner. She pinched little Tony when she found that he had messed (14) her room again. Tony ran howling (15) Mother. His poor arm was red (16) Anne's pinching.

"What's the matter (17) you today, Anne ?" Mother came into the room and asked. "You've made everybody upset (18) you stepped (19) into the house. Did something (20) school?"

Question 10

(15 marks)

Write a composition of about 250- 300 words on one of the following topics.

- The Role of Education in National Development
- Teaching is an ideal career
- Education as the Perfect Instrument for Social Change
- The teacher who changed my life.



Colombo International Nautical and Engineering College
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Department of English Language & Communication Skills
EDUCATION & TRAINING COURSE : DIPLOMA IN PRIMARY TEACHING
COURSE CODE : LC 0839

REPEAT EXAMINATION QUESTION PAPER
PRINCIPLES OF EDUCATION

- Answer five questions.

Date: 2016.05.29

Pass mark 50%

Time allocated: 03 hours

- 01.
- What is Greek etymological meaning for Philosophy? (03 marks)
 - What are the etymological meaning for Education in Latin and Sanskrit? (03 marks)
 - Briefly discuss the aims, objectives and functions of Education. (07 marks)
 - Explain with examples the relationship between philosophy and Education. (07 marks)
02. Briefly explain on Plato covering the following areas:
- Educational background, Academy, epistemology, metaphysics and ontology and Platonic (10 marks)
 - Plato wanted to develop an education system to mould a patriotic (State friendly) citizen explain with example. (10 marks)
03. John Dewey is known as the father of Democratic education.
- How did he understand the existing education system? (05 marks)
 - What is John Dewey's philosophy on education explain covering the following areas: knowledge Democratic education, experiential education and learning by doing. (15 marks)
- 04.
- Dr. Maria Montessori is a revolutionary character .Do you agree? If so comment. (05 marks)
 - What is the philosophy of Maria Montessori on education /learning? Explain covering the following areas: creativity, sensory education, lie and mistake, belief and knowledge. (08 marks)
 - How do you apply Maria Montessori's philosophy for primary education explains with examples? (07 marks)

05. Educationists divide education systems as: Formal, on formal and informal education.
- I. Describes the characteristic of formal education, non-formal education and informal education systems. (08 marks)
 - II. Briefly discuss the advantages and disadvantages of formal education when compare with non-formal education system (06 marks)
 - III. Elementary education and secondary education should be formal education but tertiary education to be nonfarm comments (06 marks)
06. Write an essay on Mahatma Gandhi's proposed education model (Electrical model) considering relevancy to the philosophy of education and Indian society. (20 marks)
07. Write brief notes on 04 of the followings:
- I. Socrates
 - II. Platonic system and Scholl age
 - III. Lifelong education
 - IV. Teacher centered education
 - V. Child centered education
- (20 marks)



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Department of English Language & Communication Skills

EDUCATION & TRAINING COURSE : DIPLOMA IN PRIMARY TEACHING

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REPEAT EXAMINATION QUESTION PAPER

PRIMARY MATHEMATICS

- Answer all questions in Part I and any 04 questions in Part II.

Date: 2016.05.29

Pass mark 50%

Time allocated: 03 hours

PART I

Underline the correct answer

01. Some of the words usually used in developing the concept of neighbourhood are:-
(a) small , large tall, short (b) Wide, narrow Thick thin
(c) In, on, over, below (d) Colour, size, shape, kind
02. There are two sets of counters. A student finds that the number in one set is equal to the number in the other set, without counting, the method used by the student in this activity is the concept of:
(a) Ordering (b) One to one correspondence (c) Invariance (d) Inclusion
03. To discover the addition and subtraction of two single digits the teaching/learning aid that can be used is:
(a) Number rods (b) Number line (c) Avon number cards (d) all the above three aids.
04. A primary level student will say that the number of objects is not changed when the arrangement of objects are changed. The student has developed the concept of:
(a) Invariance (b) Inclusion (c) relationship (d) neighborhood.
05. The total number of addition facts between '0' and '9' is equal to
(a) 45 (b) 54 (c) 81 (d) 100

06. In introducing the mathematical operations we use the experiences in the following order:
(a) Concrete, visual and abstract (b) Concrete, abstract and visual
(c) Abstract, concrete and visual (d) Abstract, visual and concrete.
07. A plain figure which has a rotational symmetry of order two and two axes of symmetry is
(a) a square (b) a parallelogram (c) a trapezium (d) a rectangle.
08. In developing the concept of measurement it is necessary to use the following sequence of steps:
(a) Ordering, Comparing, Transitivity, Conservation
(b) Comparing, Ordering, Transitivity, Conservation
(c) Conservation, Comparing, Ordering, Transitivity
(d) Comparing, Ordering, Conservation, Transitivity
09. It is easy to understand that the number 3 is less than 5 and 3 is included in 5 if we develop the concept of:
(a) Relationship (b) One to one correspondence (c) Invariance (d) Inclusion
10. The numerals that should be introduced to grade one pupils are:
(a) 0 to 5 (b) 0 to 9 (c) 0 to 10 (d) 0 to 19
(02 marks for each)

PART II

Answer any four questions from Part II.

(20 marks each)

01. How would you introduce the addition of two single digit numbers to grade 1 pupil using the three levels of experiences? Illustrate with the relevant diagrams.
02. Explain the sequences of steps you would use to introduce the numbers from 10 to 19. Use appropriate teaching/learning aids for the above activity.
03. Describe and explain the concrete, visual and abstract activities that should be used to develop the two times multiplication table.
04. What is meant by the term 'Division'? How would you introduce the division of numbers by two without a remainder to primary students?

05. The additions of two like fractions we can use the concrete method and the visual method and finally the abstract method. Explain the sequence of steps that you would use to introduce the above addition.

06. A pupil collected data about the number of vehicles that passed through a certain place in a road from 8.00am to 10.00 am. As follows:

Cars 12, Vans 08, 3 wheelers 10, Motorcycles 14, Busses 06.

Draw a bar graph to represent these data.

Prepare a set of six questions to interpret the graph.

07. You are expected to introduce the **four main directions** to the primary students.

What are the objectives of this lesson?

How do you find out whether these objectives are achieved?

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Department of English Language & Communication Skills
EDUCATION & TRAINING COURSE : DIPLOMA IN PRIMARY TEACHING
COURSE CODE : LC 0839

REPEAT EXAMINATION QUESTION PAPER

PRIMARY SCIENCE AND ENVIRONMENT RELATED ACTIVITIES

- Answer the part I Questions in this paper itself and attach it to your answers for part II

Date: 2016.05.29

Pass mark 50%

Time allocated: 03 hours

PART – I

- **Underline the most suitable answer.**

1. Teaching,

- (i) is a job
- (ii) is a career
- (iii) is a profession
- (iv) is a service

2. Today teaching is,

- (i) Teaching centered
- (ii) Student centered
- (iii) School centered
- (iv) Society centered

3. The teaching processes should be,

- (i) Full of lectures and notices
- (ii) Full of discussions and group work
- (iii) Full of student activities and self learning situations
- (iv) Full of demonstrations and field trips

4. By classroom teaching we are going to import,

- (i) Knowledge, skills Attitudes and Practice
- (ii) Knowledge, Attitudes, qualities and Practice
- (iii) Skills, Attitudes, abilities and qualities
- (iv) Attitudes, Practice, Abilities and wants

5. The proper teaching methods should give the students the ability to,
 - (i) Read books and find solutions
 - (ii) Use the scientific problem solving method
 - (iii) Read the notices well and answer questions
 - (iv) Use the equipment in the proper way
6. A “nature corner” will help the,
 - (i) Students to engage in self learning situations
 - (ii) Students to engage in group activities
 - (iii) Students to show their talents properly
 - (iv) Students to have an interesting leisure time
7. The activities in a proper lesson should,
 - (i) Satisfy all the students interest
 - (ii) Satisfy the requirements of the objectives
 - (iii) Be in accordance with the code of ethics
 - (iv) Be in accordance with the needs of the environments
8. “ERA” is,
 - (i) A science subject
 - (ii) An integrated subject
 - (iii) A theoretical subject
 - (iv) A historical subject
9. The animals and plants are made up of,
 - (i) Chemicals
 - (ii) Organs
 - (iii) Cells
 - (iv) Parts
10. Statement A
 Things that occupy space are called matter.
Statement B
 All types of energy does not occupy space,
 - (i) Statement A is correct B is in correct
 - (ii) Statement B is in correct B is correct
 - (iii) Both Statement A and B is in correct
 - (iv) Both stale
11. Which of the following group of foods will protect your eyes from deficiencies
 - (i) Oranges, Tomato, Nelli, lime
 - (ii) Brown rice, kurakkan, marmite, Butter
 - (iii) Carrots, egg yolk, ripe mangoes, cod liver oil
 - (iv) Meat, cod liver, oil, oranges, nelli

12. Which of the following methods is suitable to purify water at low cost,
- Boil and filter
 - Add chlorine
 - Filter through charcoal
 - Boil, cool and filter
13. The correct international unit for measuring power.
- Newton
 - Joule
 - Watt
 - Chsm
14. Statement A : School children should not be allowed to play in any play ground during lighting and thunder
- Statement B : There is a possibility of thunder striking children.
- Statement A correct B incorrect
 - Statement A incorrect B correct
 - Both A and B correct
 - Both A and B incorrect
15. Some students faint during college hours. The best first aid you should give,
- Is to give water to drink
 - Is to give glucose to drink
 - Keep the head in a lower position than legs
 - Is to give him a nutritive meal
16. The voltage of a torch cell and a car battery respectively,
- 1.5 V and 12V
 - 1.5 and 6 V
 - 3 V and 12V
 - 2V and 6 V
17. Which of the following activities should be more in a good lesson,
- Lectures
 - giving
 - student activities
 - Teacher activities
18. Primary science or Environment related activities,
- Is compulsory in the primary school
 - Is optional in the primary school
 - Can be selected according the teachers wish
 - Is taught in national schools only.

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04. (a) Name the main Systems in our body
(b) What do you think is the most important systems.
(c) Why do you consider it as the most important systems
(d) What us digestion Explain with 3 Examples.
(e) What are the functions of the Blood vascular systems

(30 marks)

05. Imagine that you are taking the Grade 03 Students to the 200 Prepare a self – study work sheet to study about Birds, Fishes, and mammals (grade 03 students need only a basic knowledge about these animals)

(30 marks)

06. (a) Why are we teaching classifications (give 3 reasons)
(b) What are the main differences between Dicot. Plants and Monocot. Plants

(30 marks)



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Department of English Language & Communication Skills
EDUCATION & TRAINING COURSE: DIPLOMA IN PRIMARY TEACHING
COURSE CODE: LC 0839

REPEAT EXAMINATION QUESTION PAPER
EDUCATIONAL PSYCHOLOGY

- Answers all questions of part 01 and only 4 questions from part II

Date: 2016.05.29

Pass mark 50%

Time allocated: 03 hours

Part I

- * Select the most appropriate answer and underline it

01. Educational Psychology can be defined as:
I. Study of how children learn in an educational environment
II. Conduct experiments on how children learn
III. Observation of how children learn
IV. Teaching learning process
02. Classical conditioning learning theory is known as Stimuli and Response (S, R) Theory). This theory was initially developed by
I. E.L. Thondike
II B.F. Skinner
III. Ivan Pavlov
IV. J.B. Watson
03. Learning can be defined as:
I. Collecting new information
II. Doing new things
III Relatively permanent Behavioral change
IV. Stimuli and response
04. When a dog sees a piece of meat, salivation is:
I. Conditional stimuli
II. Conditional response
III. Unconditional Response
IV. Unconditional Stimuli
05. Behavioral learning theory "operant conditioning" developed by the psychologist:
I. J.B. Watson
II. B.F. Skinner
III. Jean Piaget
IV. Albert Bandura

06. According to Operant Conditioning learning theory.
- I. Re-enforcement is given before the response
 - II. Re-enforcement is given just after the behavior
 - III. At the training stage
 - IV. Without re-enforcement nothing can be get done from, pigeons, rats, and cats.
07. People learning through observation and imitating the others' behavior is known as Social learning , this theory was developed by
- I. Jean Piaget
 - II. Albert Bandura
 - III. B.F Skinner
 - IV. Cofca
08. According to Jean Piaget, learning is considered as change of Schemas, Process of changing schemas areas:
- I. Assimilation, equilibrium, information and disequilibrium
 - II. Equilibrium, disequilibrium, assimilation, and accommodation
 - III. Assimilation, equilibrium, disequilibrium, accommodation
 - IV. Accommodation, disequilibrium, equilibrium and assimilation
09. Psychologist Abraham Maslow developed a Model for motivation, and it is sequential, therefore it is called hierarchy of needs. According to Maslow's Hierarchy, it should be:
- I. security needs, basic needs, affiliation needs, self-esteem needs and self-actualization needs
 - II. Self-esteem needs, basic needs, self-actualization needs, security needs and affiliation needs
 - III. Self-actualization needs, self-esteem needs, affiliation needs, security needs, basic needs
 - IV. Basic needs, security needs, affiliation needs, self-esteem needs, self-actualization needs
10. Human memory consists of three stages therefore it is said multi storage model. In which memory can retain information up to one year or more with unlimited capacity.
- I. Sensory memory
 - II. Short-term memory
 - III. Long term memory
 - IV. Sensory –short memory

Part II

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Answer only FOUR questions

1.
 - I. What do you mean by learning? (04 marks)
 - II. Briefly explain the behavioral learning (S.R.) Theory (08 marks)
 - III. How do you apply behavioral learning theory in the classroom context (08 marks)

2. I. What do you mean by social learning theory introduced by Albert Bandura (10 marks)
II. How you use this learning theory in the school context explain with examples (10 marks)

3. I. Define what is memory (02 marks)
II. Human Memory consists of three stages as sensory memory, short term memory and long term memory. Draw and explain the Atkinson model of human memory (06 marks)
III List out reasons for forgetting and explain briefly (06 marks)
IV. Explain memory development strategies and how do you use them in the classroom (06 marks)

4. Abraham Maslow developed motivational theory known as hierarchy of needs.
 - I. What do you mean by motivation? Explain (04 marks)
 - II. Draw and explain hierarchy of needs (08 marks)
 - III. Explain how you use hierarchy of needs to motivate children in the school (08 marks)

5. I. What is meant by intelligence?, define (04 marks)
II. Name the components of multiple intelligence and briefly explain (08 marks)
III. How do you use multiple intelligence in the school context? (08 marks)

6. Write brief notes on four of the followings
 - I. Fluid intelligence and crystal intelligence
 - II. Operant conditioning
 - III. Trial and error method of learning
 - IV. Concrete and abstract concepts
 - V. Behavioral psychology and cognitive psychology (20 marks)



Colombo International Nautical and Engineering College

CINEC CAMPUS

Department of English Language & Communication Skills

EDUCATION & TRAINING COURSE : DIPLOMA IN PRIMARY TEACHING

COURSE CODE : LC 0839

REPEAT EXAMINATION QUESTION PAPER

SCHOOL COUNSELLING AND GUIDANCE

- Answer five questions.

Date: 2016.05.28

Pass mark 50%

Time allocated: 03 hours

1) Guidance and Counselling is a helping service.

- I. Explain the nature of counselling (03 marks)
- II. Identify the difference between what is counselling and what is not counselling (03 Marks)
- III. Name and briefly explain the aims of counselling (06 Marks)
- IV. Discuss, Why counseling is needed in the modern school context (08 Marks)

- 2) I. Draw and name 5D Model for counseling process (10 Marks)
- II. Explain with examples the counselling process (10 Marks)

3) It is said that School counseling is a vital requirement in the modern school context

- I. Identify five problems faced by the primary / secondary school children (05 Marks)
- II. Identify the causes for the problems you identified (05 Marks)
- III. Prepare an activity plan overcome on of the problem you identifies (10 Marks)

4) In the school context it is found irrational thoughts of the students

- I. List out five irrational thoughts faced by the secondary school students (05 Marks)
- II. Explain how these irrational thoughts and Emotive Behavior affects their lives (06 Marks)
- III. Develop an activity plan to overcome a selected irrational thought in the list (09 marks)

5) Sigmund Freud's psycho dynamic theory mainly based on unconscious mind

- I. Explain the Freudian Psycho dynamic theory (10 Marks)
- II. How do you apply Freudian theory in the School Context? Explain with examples (10 Marks)

6) Carl Roger Developed Humanistic theory base on few assumptions

- I. List out and explain the assumptions prescribed in the Humanistic theory (06 marks)
- II. It is said that Humanistic theory is a client oriented theory explain with examples (06 Marks)
- III. How do you apply humanistic theory to solve secondary school children's problems? (08 Marks)

7) Most of the urban and rural schools faces disciplinary problems, and the solutions of the disciplinary committees create more aggressive situations rather than solving problems

- I. What is meant by discipline? (05 Marks)
- II. Identify five disciplinary problems in the school context (05 Marks)
- III. As a counsellor how do you solve such problems by using goals of counselling and core conditions of counselling. (10 Marks)

8) Write brief note on four of items given below

- I. Psycho sexual stages
- II. SOLER
- III. Counselling ethics
- IV. Qualities of a school counsellor
- V. Empathetic understanding
- VI. Roles and functions of a school counsellor
- VII. Johari Window

(05 Marks for each)



Colombo International Nautical and Engineering College

CINEC CAMPUS

Department of English Language & Communication Skills

EDUCATION & TRAINING COURSE: DIPLOMA IN PRIMARY TEACHING

COURSE CODE: LC 0839

REPEAT EXAMINATION QUESTION PAPER

EDUCATION MEASUREMENTS & EVALUATION

- Answer all questions in Part I & II.
- Select your answer for each question (1-20) and encircle the relevant letter A, B, C, or D
- At the end of the test return the Part I sheet with the Part II answer script.

Date: 2016.05.28

Pass mark 50%

Time allocated: 03 hours

Part I

(20 x 2½ = 50 Marks)

1. Teaching, Learning and Assessment are three aspects of the educational process. What do you mean by 'Educational Assessment'?
 - A. The process of obtaining a numerical description of the degree to which an individual possesses a particular characteristic'
 - B. The systematic collection, review, and use of information about educational programs undertaken for the purpose of improving learning and development
 - C. The assigning of numerals to traits such as achievement, interest, attitudes, aptitudes, intelligence and performance.
 - D. Assigning grades by administering an achievement test.
2. Ranking of students as 1st, 2nd, 3rd, etc. is of major concern when using

A. Norm-referenced tests	B. Criterion-referenced tests
C. School-based assessment	D. Teacher-made diagnostic tests
3. Which of the following is least important in the formative assessment process
 - A. Students' progress is continuously assessed
 - B. Provide feedback to students concerning learning successes and failures.
 - C. Provide feedback to teachers for modifying instruction
 - D. Award certificates by conducting tests at the end of the course
4. Which of the following test type is most suitable to predict what a person is able to learn or do given the right education and instruction'?

A. An achievement test	B. An aptitude test
C. An Intelligence test	D. An attitude test

5. Chathurika, the English teacher of the Grade four, observes that a few of her students are weak in writing and she intends to administer a test to find out the real causes for these weaknesses.
- The type of test that helps to solve this problem can be named as
- A. A placement test
B. A diagnostic test
C. A selection test
D. An aptitude test
6. Of the following, which one is the best example for 'Norm Referenced' evaluation
- A. Only the students who have obtained at least three credit passes for GCE O/level will be admitted to the GCE A/level class.
B. Certificates will be awarded to participants who have completed 80% of attendance.
C. Three students from each class who have obtained highest marks for English will be selected to award prizes.
D. Arranging afternoon classes for students who have obtained less than 30 marks for Mathematics.
7. Which of the following tests/examinations can be considered as 'summative evaluations'
- I. Weekly tests conducted for students at the junior secondary level
II. G.C.E. Ordinary level Examination
III. An examination conducted to award School Leaving Certificate
IV. Final examination of a 'Certificate Course in Psychology'
- A. I only
B. IV only
C. II and III
D. II, III and IV
8. Skills such as computer typing, playing a piano, dancing on a stage can be classified under the domain of
- A. Cognitive
B. Affective
C. Psychomotor
D. Emotional
9. According to the Lorin Anderson's updated 'Taxonomy of Educational Objectives' the highest three cognitive abilities are
- A. Understanding, Applying, and Analyzing
B. Analysis, Synthesis, and Evaluation
C. Analyzing, Evaluating, and Creating
D. Application, Analysis, and Creating
10. Which of the following is an example for 'Applying' under the revised Bloom's classification of educational objectives
- A. Recites a poem by heart.
B. Name the capital city of Australia
C. Briefly describe the population growth in Sri Lanka during the last five decades
D. Finds the cost of painting a rectangular wall
11. A student read books and newspapers, browses the internet and summarizes all the facts and information collected on 'Environmental Pollution in urban Areas in Sri Lanka'. The ability level the student performs according to the Bloom's classification is
- A. Understanding
B. Application
C. Analysis
D. Synthesis

12. A question was given in a General knowledge test paper to write the name of the American astronaut and the first person to walk on the Moon (**Neil Alden Armstrong**). This question can be categorized as a/an
- A. Essay type question B. Structured Essay-type question
C. Short Answer Type-question D. Matching question

13. What is the most suitable way to secure the content validity of a test conducted at the year-end?
- A. Questions have to be made in a manner representative of the entire syllabus
B. Use of multiple choice questions instead of essay type questions
C. Setting the test paper following the test paper set for the previous term-test
D. Setting the test paper with a large number of questions

14. Read the following MC test item.

Sri Lanka

- I. is located in the Northern part of the Asia
II. Is a world famous country for football
III. is divided into 9 administrative districts
IV. was known until 1972 as 'Ceylon'

What is the main defect of this test item?

- A. All answers are distracters B. There are more than one correct answer
C. It is too difficult D. Stem of the item does not include a problem

15. Which one of the following learning outcomes is **most difficult** to assess through multiple choice type questions?

- A. Name the year Sri Lanka and other countries faced tsunami
B. Select suitable opposite words for the given nouns.
C. Identify the main cause for road accidents
D. Compose a story on the proverb 'Birds of a feather flock together'

16. When examination results are released, some students are not satisfied with their results and apply for

'Re-Correction'. This is an issue related to the

- A. Reliability of the test B. Validity of the test
C. Practicability of the test D. Examination supervision

17. Which of the following is a measure of variability or dispersion of a set of scores?

- A. Mean B. Mode C. Median D. Standard deviation

18. Which of the following correlation coefficient indices indicates a highly positive one?

- A. -.96 B. -.16 C. .05 D. .95

* Read the data given in the box and answer the two questions below

Subject: Biology No. of candidates: 10,000 Mean value of scores: 54 Standard Deviation of scores: 12

19. Wasantha, one of the candidates, obtained 72 marks for Biology. Accordingly, the **Z score** for Biology she gets is
- A. -1.5 B. -1.0 C. 0.5 D. 1.5
20. Janaka came to know that his **Z score** for Biology is 0.5. What is the **Raw Score** obtained by him for Biology?
- A. 48 B. 60 C. 66 D. 72

Part II

(5x10 =50 marks)

21. A. Clarify the difference between the two terms 'Formative Assessment' and 'Summative Assessment'
- B. Assuming that you are an English teacher at primary level, state and describe three different ways of assessing language skills of your students
22. A. Name and describe briefly the first three levels of cognitive abilities as categorized in the Bloom's Taxonomy of Educational Objectives.
- B. Suggest an activity related to Mathematics / Science / English for Grade three/four/five students that will help improve their creative ability. Mention step by step what children should do.
23. A. Except written tests, state any other two ways of assessing student performance at primary level
- B. What are the advantages and disadvantages of using Multiple-choice test items instead of Essay test items at primary level?
24. A. Re-structure the following essay type question as a 'structured essay type question' with three parts. The question should be appropriate to assess Grade 6-11 students.
- "Write an essay on environmental pollution"*
- B. What do you mean by 'content validity' of a test? Explain how a teacher can check content validity of a Term Test paper
25. A. State three factors that affect 'reliability of a test.
- B. Find the Arithmetic **Mean of the following set of scores**
- 45, 65, 95, 40, 70, 80, 35, 25, 55, 90**



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COLOMBO INTERNATIONAL NAUTICAL AND ENGINEERING COLLEGE**Primary Science & E.R.A - LC 0839
Final Examination**

January 2016

Index No -

Time 03 hrs

Total marks - 100

Pass mark - 50

Part - I**Under line the most correct answer and attach it to the answer script for Part II.**

01. ERA is,
- i. a combined subject
 - ii. a science subject
 - iii. an integrated subject
 - iv. a practical subject
02. Teaching is a,
- i. job
 - ii. profession
 - iii. career
 - iv. service
03. Today teaching involves development of
- i. knowledge, criticism and skills
 - ii. attitudes, skills and knowledge
 - iii. attitudes, writing and reading
 - iv. listening, writing and creativeness
04. The best method of teaching,
- i. is the discussion method
 - ii. is using self-learning situations
 - iii. is the lecture method
 - iv. is the group work method
05. Our ancient civilization is known as,
- i. king dominated civilization
 - ii. tank and temple civilization
 - iii. irrigation civilization
 - iv. agricultural civilization
06. **Statement A:** All insects are harmful
Statement B: Some insects are useful
- i. Statement A is correct. B is incorrect
 - ii. Statement A and B both correct
 - iii. Statement A and B both incorrect
 - iv. Statement A is incorrect. Statement B is correct
07. The reproductive part of a plant is the,
- i. Flower
 - ii. Stem
 - iii. Root
 - iv. Bud

08. Which vitamin is helpful for good eye-sight?
- | | |
|----------------|---------------|
| i. Vitamin A | ii. Vitamin B |
| iii. Vitamin C | iv. Vitamin D |
09. **Statement A:** Iron is necessary for the formation of hemoglobin
Statement B: Green vegetables contain iron
- | | |
|---------------------------------------|--|
| i. Statement A correct B correct | |
| ii. Statement A incorrect B incorrect | |
| iii. Statement A correct B incorrect | |
| iv. Statement A incorrect B correct | |
10. The easiest, low cost method of purifying water is,
- | | |
|--------------------|---------------------------|
| i. boil and filter | ii. boil, cool and filter |
| iii. add chlorine | iv. use chemical filters |
11. The correct stages in the life cycle of butterfly are,
- | | |
|------------------------------|-----------------------|
| i. egg, larva, pupa, adult | ii. egg, larva, adult |
| iii. egg, pupa, larva, adult | iv. egg, nymph, adult |
12. The best time of brushing our teeth is,
- | | |
|---------------------------------|-------------------------------|
| i. in the morning and night | ii. after every meal |
| iii. after breakfast and dinner | iv. after breakfast and lunch |
13. The sources of electricity are
- | | |
|-----------------------------|------------------------|
| i. cells and batteries | ii. cells and dynamos |
| iii. batteries and sunlight | iv. water and sunlight |
14. At a power house, electricity is produced by
- | | |
|------------|-------------|
| i. water | ii. dynamo |
| iii. cells | iv. turbine |
15. the voltage of a normal torch cell is
- | | |
|----------|----------|
| i. 1.5 V | ii. 3 V |
| iii. 6 V | iv. 12 V |
16. In Sri Lanka the Teacher Guide and Syllabi regarding subjects are prepared by the,
- | | |
|--------------------------------------|-----------------------------|
| i. Department of Education | ii. Ministry of Education |
| iii. National Institute of Education | iv. The teacher – advisors. |
17. Lesson plans should be,
- | | |
|-----------------|-----------------|
| i. for a term | ii. for a Month |
| iii. for a week | iv. for a Day |
18. The students note books should be corrected,
- | | |
|------------|------------|
| i. monthly | ii. weekly |
| iii. daily | iv. hourly |

19. Digestion of food takes place inside our digestive system.
- Turning of a food to wastes.
 - Turning of complex, solid food to a simple, liquid form
 - Turning food to glucose
 - Turning food to get energy
20. The father of free education in Sri Lanka is,
- Mr. W. Dhanayake
 - Mr. S.W.R.D Bandaranayake
 - Mr. C.W.W Kannangara
 - Mr. D.S Senanayake

(2x20= 40 marks)

Part – II**Answer all the Questions.**

- 1) Write a complete lesson plan for Grade 05, for the competency “Students will identify the parts of a Flower”
- Time – 35 minutes. The plan should include introduction, development (presentation) and student evaluation. (40 marks)
- 2) Co- Curricular activities are useful to develop attitudes and skills.
- Name 05 co-curricular activities you can do in primary classes.
 - Describe how you use 03 of them. (24 marks)
- 3) Aims and objectives are important in teaching.
- State 04 aims of teaching ERA or Primary Science.
 - What are the steps of the scientific method?
 - State why student centered teaching is more effective than teacher centered method. (24 marks)
- 4) “Classification” is an important topic in Primary classes.
- How will you introduce simple dichotomous classification to primary students?
 - Classify the following animals, using only external features.
(Mynah, spider, parrot, cat, frog, ant, earthworm) (24 marks)
- 5) [A] Draw and label the parts of a dicot plant (Typical)
[B] Write the differences between a “producer” and consumer. Give 02 examples for each.
[C] Write 05 food chains with at least 04 links (24 marks)
- 6) “Nutrition” is a topic of national importance.
- Give 04 reasons for the above statement.
 - State 04 ways of drawing the attention of primary students and parents regarding the value of taking correct low cost food at the correct times. (24 marks)



COLOMBO INTERNATIONAL NAUTICAL AND ENGINEERING COLLEGE

Diploma in Primary Teaching - LC 0839 Primary Mathematics - Final Examination

Index No:

January 2016

Total marks - 100

Time 03 hrs

Pass mark - 50

PART I

* Answer All the Questions in Part I (02 Marks Each)

Select the most suitable answer and write the relevant letter (a), (b), (c) or (d) in front of the question number in the answer script.

01. In a super market the goods are arranged according to the different kind, this is an example of,
a) Ordering b) Sorting
c) One to one correspondence d) Relationship
02. Number 4 comes after the number 3 and before 5, number 8 comes after 7 and before 9. In this example the concept involved is:
a) Inclusion b) Invariance
c) neighbourhood d) one top one correspondence.
03. When the concept of invariance is developed the pupils can understand that the number of objects in two given sets is,
a) equal to one another b) one is less than the other
c) one is greater than the other d) one set is included in the other.
04. A shape which has no bilateral symmetry is,
a) Kite b) Diamond
c) Parallelogram d) Rhombus
05. The teaching aids that can be used to discover the number bonds are,
a) Avon number cards b) Folding perception cards
c) Addition subtraction slide ruler d) All the above three aids.
06. The place value of 5 in the number 4578 is,
a) 500 b) 100
c) 1000 d) 578
07. The examples of proper fractions are.,
a) $\frac{1}{2}$, $\frac{3}{4}$, $\frac{5}{3}$, $\frac{3}{2}$ b) $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$
c) $\frac{5}{2}$, $\frac{7}{4}$, $\frac{9}{6}$ d) $\frac{5}{7}$, $\frac{8}{9}$, $\frac{11}{23}$

08. The numbers of objects are placed in a straight line, then in a circle, finally as a heap. A student says that the number of objects have not changed due to the change in the arrangement. Then we can say that the student has developed the concept of:-
- | | |
|--------------|------------------|
| a) Inclusion | b) Invariance |
| c) Order | d) Neighbourhood |
09. The number of addition facts (Bonds) between 0 and 9 are:-
- | | |
|-------|--------|
| a) 18 | b) 54 |
| c) 81 | d) 100 |
10. A pupil says that four is included in five and that the value of the number 4 is less than 5, then we can say that he has developed the concept of:-
- | | |
|--------------|-------------------|
| a) Inclusion | b) invariance |
| c) ordering | d) neighbourhood. |

PART II

Answer any four questions from this part

(20 Marks Each)

- 1) According to Piaget the child experiences concepts in three distinct stages. They are:
- The play stage to recognize concepts,
 - The stage when organized activities are used for establishing the concepts,
 - The stage when he makes use of these concepts in real life situations.
- Explain how you would use the above stages to develop the concept of "sorting".
- 2) In introducing the concepts of 'addition' / 'subtraction' / 'multiplication' / 'division' etc. we apply three levels of experiences, they are:
- concrete experiences
 - visual experiences
 - abstract experiences
- Describe the three experiences you would use to develop the concept of 'addition' whose sum is less than or equal to 9.
- 3) Explain the sequence of activities that you would perform to introduce the concept of 'Division' to primary pupils and draw a chart to show the division by two where visual and abstract situations are shown.
- 4) How do you prepare concrete materials suitable for primary pupils to develop the concept of fractions? Write the features of the one third and one fourth (fractions) cutouts.
Explain how you guide them to find out the result of $1/6 + 2/6$.

- 5) Describe an activity suitable for primary pupils to discover the four main directions (N, S, E, & W). How would you find out that they (pupils) have mastered the four directions correctly?
- 6) Describe an activity to introduce the numerals from 10 to 19.
- 7) Explain how two times multiplication table is introduced to primary level pupils



COLOMBO INTERNATIONAL NAUTICAL AND ENGINEERING COLLEGE

Diploma in Primary Teaching - LC- 0839

Child Psychology

January 2016

Index No.....

Total marks - 100

Time 02 hrs

Pass mark - 50

* Answer **all** questions in **part A** and **three** questions in **part B**

Part -A

1. Give a definition for psychology.
2. Name **two** branches of psychology.
3. Write **two** cognitive processes.
4. Name **two** perspectives of psychology.
5. What are the **two** factors that determine growth and development of children?
6. Mention **two** disadvantages of longitudinal study.
7. Write **two** activities related to gross -motor development.
8. What are the stages of pre -natal development?
9. Name **two** reflex actions that can be seen during infancy.
10. Define heredity.
11. Write **two** environmental factors that affect pre-natal development.
12. What are the **two** components of adaptation according to Piaget?
13. Write **two** advantages of studying child psychology to a teacher.
14. Name **two** characteristics of pre -conceptual stage.
15. Define reinforcement.
16. Name **two** learning disabilities.
17. Give a definition for learning.
18. Write **two** techniques to improve memory.
19. Name **two** theories of forgetting.
20. Give a definition for motivation.

(02X20 = 40 marks)

Part – B

* Answer **three** questions only

- (1) a] Explain how observation could be used as a method of child study. (08 marks)
b] Indicate **two** disadvantages of such use and describe **two** measures adapted to overcome these disadvantages. (12 marks)
- (2) a] Define what child development is. (08 marks)
b] Briefly explain **three** developmental areas of children. (12 marks)
- (3) a] Describe briefly Thorndike's laws of learning. (08 marks)
b] Explain how two of them could be applied for learning – teaching process. (12 marks)
- (4) a] How do you define memory? (08 marks)
b] Explain Atkinson - Sheffrin model of information processing (memory). (12 marks)
- (5) a] Distinguish between extrinsic motivation and intrinsic motivation. (08 marks)
b] Explain briefly **three** procedures to motivate students to learn. (12 marks)
-



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COLOMBO INTERNATIONAL NAUTICAL AND ENGINEERING COLLEGE

Primary Science & E.R.A - LC 0839

Final Examination

September 2015

Index No -

Total marks - 100

Time 03 hrs

Pass mark - 50

Part - I

Under line the most correct answer.

1. Which of the following is most effective for successful teaching?
 - i. Attending school daily
 - ii. Conducting the assembly daily
 - iii. Greeting the students daily
 - iv. Planning the lessons daily

2. Which of the following are regarded as professionals?
 - i. Doctor
 - ii. Teacher
 - iii. Lawyer
 - iv. Nurse

3. Our lessons should be,
 - i. Student - Centered
 - ii. Teacher - Centered
 - iii. Society - Centered
 - iv. Knowledge - Centered

4. Which of the following animals has eight legs?
 - i. Ant
 - ii. Butterfly
 - iii. Centipede
 - iv. Spider

5. Every primary class-room should have,
 - i. A projector
 - ii. A fire-extinguisher
 - iii. An OHP
 - iv. A nature corner

6. The students exercise books (note books) should be corrected,
- i. Weekly
 - ii. Hourly
 - iii. Daily
 - iv. Yearly
7. A good teacher should always,
- i. Be friendly with parents
 - ii. Be friendly with other teacher
 - iii. Be friendly with students
 - iv. Build proper co-ordination with teachers, parents and students
8. A good teacher should have proper,
- i. Attitudes
 - ii. Personality
 - iii. Skills
 - iv. All of the above
9. The best first aid treatment you can give to a fainted student is?
- i. To make him lie down, head lower than legs
 - ii. To give him coffee to drink
 - iii. To take him to a hospital
 - iv. To inform his parents to come
10. The easiest and the cheapest way to purify water is?
- i. To add chlorine
 - ii. To boil, cool and filter
 - iii. To boil and cool
 - iv. Use a filter
11. Which of the following actions will affect changes in the water cycle, most?
- i. Heating tar
 - ii. Burning dry leaves
 - iii. Adding chemicals to sea
 - iv. Excessive clearing of forest

12. *Statement – A*

Worksheets is an easy way of gaining instructions, in activities.

Statement – B

Worksheets should not be given to primary students, as they can't read.

- i. Statement A and B both are correct
- ii. Statement A and B both incorrect
- iii. Statement A correct, B incorrect
- iv. Statement A incorrect, B correct

13. *Statement - A*

All living things respire.

Statement - B

Insects take in air through lungs.

- i. Statement A and B both are correct
- ii. Statement A and B both incorrect
- iii. Statement A correct, B incorrect
- iv. Statement A incorrect, B correct

14. The "tank and dagaba" (wewa and dagaba) culture in ancient Sri Lanka helped to develop the country in which of the following ways.

- i. Culturally
- ii. Economically
- iii. Educationally
- iv. All of the above

15. "Papaw" tree is a,

- i. Monocot plant
- ii. Dicot plant
- iii. Herb
- iv. Shrub

16. A good source of vitamin A is,

- i. Meat
- ii. Oranges
- iii. Carrots
- iv. Green vegetables

17. The mineral necessary for bone formation is abundantly found in,

- i. meat
- ii. fish
- iii. milk
- iv. coconut

18. Which of the following is not a simple machine?
- Nut cracker
 - Pen
 - Motor
 - Pulley
19. The "Evaluation" in a lesson is important because?
- It helps to improve the lesson
 - It helps to find out whether the students have understood the lesson
 - It helps to find out the individual differences of students
 - It is a way of grading students
20. "Scientific method" is important because it helps,
- To avoid troublesome situations
 - To solve any problem properly and correctly
 - To find out the students achievements
 - To main law and order in a country

(Marks 2x20 =40)

Part II

Question 01 is compulsory. Answer 04 other questions.

1. Write a detailed lesson plan for grade 05, 40 minutes lesson for the following competency.

"The students will identify the parts of a flower"

Your plan should indicate the introduction, presentation, activities and lesson evaluation.

(40 Marks)

- 2.
- Write 05 aims of teaching primary science or E.R.A
 - List the steps of the scientific method
 - Describe with an example, how you can use the scientific method to teach a selected topic in primary science.

(30 Marks)

3. Co-curricular activities are important to develop skills in students.
- State 05 (five) such co-curricular activities suitable for primary students.
 - Describe 04 of them in detail.

(30 Marks)

4. "Classification" is an important concept that we have to develop in primary students.
- I. State why the classification concept is important.
 - II. Classify the following animals using only their external characteristics.
Frog, garden lizard, ant, spider, fish, earthworm, hen, snail
 - III. Write 04 special characteristics of mammals.
 - IV. Write 04 special characteristics of insects.

(30 Marks)

5. "Water" is very essential for life. Animals and plants need water. About 90% of our body contains water. Every primary child should know about water but it is a large topic.
- I. List how you divide this topic into sub-topics, when teaching for the primary?
 - II. Select any 02 sub-topics and describe how you present them to grade 04 students.
 - III. Water can get polluted. How can polluted water affect the life of man?

(30 Marks)

Total = 200 Marks



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COLOMBO INTERNATIONAL NAUTICAL AND ENGINEERING COLLEGE

Diploma in Primary Teaching - LC 0839**Child Psychology**

September 2015

Index No.....

Time 02 hrs**Total marks -100****Pass mark - 50**

Part I**Answer all questions by underlining the correct answer.**

1. According to modern definitions, Psychology is the study of
 - I. Biological processes and behaviour
 - II. Mental processes and behaviour
 - III. Biological and mental processes
 - IV. Mental processes and learning

2. Piaget's study of the cognitive development of his own children is an example of
 - I. Introspection
 - II. Scientific method
 - III. Naturalistic observation
 - IV. Survey method

3. Which of the following is not associated with the cognitive view of studying human mental processes and behaviour
 - I. Change of schemata results in human learning and development
 - II. Human behaviour is passive and environmentally determined
 - III. Assimilation and accommodation are mechanisms of cognitive restructuring
 - IV. Role of language is playing a powerful role in human development

4. Human development is most critically determined by the interaction between
 - I. Growth and learning
 - II. Heredity and environment
 - III. Needs and environment
 - IV. Cognition and adaptation

5. How early can the environmental factors start influencing the process of maturation of a child?
 - I. From the pre-natal stage
 - II. From birth onwards
 - III. When the child starts using a language
 - IV. When adapting to a new situation during early childhood

6. Select the incorrect statement on Ego centrism

- I. Egocentrism is the ability to distinguish between one's own and some one else's perspective
- II. Social relationship and one's own reasoning processes help the child to get free from environment
- III. Egocentrism is a normal developmental feature in childhood
- IV. The child is aware about one's own egocentric thought

7. Read the following statements on the Piaget's theory of cognitive development

- A. A child in the stage of concrete operational thought arrives at conclusions based on hypothesis
- B. A salient characteristic of adolescence is formal operational thinking.
- C. A child in the pre-operational thought is capable of imagined operations.
- D. Concrete operation is the ability of performing various logical operations only with concrete things.

Select the answer with only correct statements

- I. A, B and C only
- II. A, C, and D only
- III. B, C and D only
- IV. A, B and D only

8. The recognition that a volume of water remains the same whether it is in a short wide beaker or a long narrow beaker is called,

- I. Reversibility
- II. Conservation
- III. Convergent thinking
- IV. Assimilation

9. When Sethum was 5 months old, he looked at a toy train, but when his view of the train was blocked, he did not search for it. Now that he is 10 months old, he does search for it, reflecting his development of,

- I. Self-differentiation
- II. Conservation
- III. Assimilation
- IV. Object permanence

10. During what stage of development can a child take a pile of rocks and place them in order from largest to smallest?

- I. Preoperational thought
- II. Concrete operations
- III. Formal operations
- IV. Intuitive reasoning

(02*10=20 marks)

Part II

Answer any two questions. Each answer carries 20 marks. Do not repeat your answer to any question.

- 1.) 1. Explain the concept of "Development" from a psychological perspective (08 marks)
11. Give four different reasons why a teacher should acquire a sound knowledge of Child development (12 marks)
- 2.) 1. Briefly explain the stages of cognitive development as given by Jean Piaget. (08 marks)
11. Explain the challenges faced by a teacher in addressing the student issues of transition in the process of developing cognitive capacities during the period of school education (12 marks)
- 3.) 1. Describe the characteristics of children in Preoperational Stage and Concrete Operational Stage of development. (12 marks)
11. Give two examples on the use of Piaget's theory in teaching of English. (08 marks)
- 4.) 1. Discuss the Language Development in Middle Childhood, focusing on the following areas; a. Literacy
b. Writing
c. Reading
d. Semantic
e. Syntax (12 marks)
11. What steps should be taken by teachers to assist the child to develop his language (08 marks)