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PAST PAPERS

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| Faculty | Department / Section/Division |
| Not Applicable | Learning Resource Centre |

Past Papers

Faculty of Management, Humanities & social
Sciences

Department of Education & Language

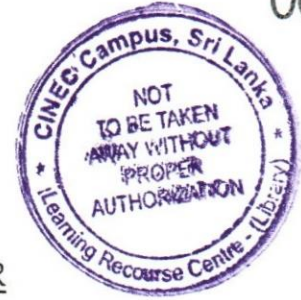
**Diploma in Early Childhood
Education
2022**

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| Document Control & Approving Authority | Senior Director – Quality Management & Administration |
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FINAL EXAMINATION QUESTION PAPER

CODE - QP

Approved for Quality Management System

EDUCATION & TRAINING COURSE: DIPLOMA IN EARLY CHILDHOOD EDUCATION

COURSE CODE: LC-0843

SUBJECT: ENVIRONMENTAL ACTIVITIES

| | |
|--------------------------|-------------------------------|
| Faculty | Department / Section/Division |
| Humanities and Education | Education |

| | |
|-----------------------------------|--|
| <i>INSTRUCTIONS TO CANDIDATES</i> | Date: 2023.06.25 |
| Total Marks = 100 | Duration of the examination = 02 hours |
| | Candidates could be disqualified if you violate examination rules. |
| | Candidates are not allowed to communicate with and disturb fellow candidates during the examination. |

PART I

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

01. Why do all food chains start with plants?
 - a) Because plants are easily grown
 - b) Because plants are nutritious
 - c) Because plants can produce its own energy
 - d) Because plants do not require energy

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

03. Which one of the following groups of chemicals is not a food nutrient?
(a) proteins, (b) enzymes, (c) carbohydrates, (d) vitamins.

04. The teeth at the front of the mouth which are used for chopping are called:
(a) incisors, (b) canines, (c) premolars, (d) molars.

05. When proteins are completely broken down the end products are:
(a) glucose molecules, (b) glycerol molecules, (c) amino acids, (d) vitamins.

06. Water reabsorption is the main function of:
(a) the liver, (b) the pancreas, (c) the esophagus, (d) the colon.

07. Movement of food along the alimentary tract is called:
 (a) secretion, (b) peristalsis, (c) absorption, (d) hydrolysis
08. 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
09. The liquid portion of the blood is called _____.
 a). water b). Plasma c). serum d). liquid
10. Which is the largest gland inside the human body?
 a). Thyroid b). Liver c). Pancreas d). None of these
11. Factor not needed for photosynthesis is
 a). sunlight b). water c). Carbon Dioxide d). oxygen
12. Which answer is incorrect regarding animals
 a). Do locomotion b) body contains chlorophyll c). can grow d). can reproduce
13. An Animal feeding by sucking
 a). Kingfisher b). Tiger c) mosquito d). Fish
14. Organisms that grow during the whole lifespan is
 a). monkey b). cockroach c) plant d). book
15. Pollution of water is affecting of
 a). water level in water body
 b). growth of Aquatic organisms in water body
 c). amount of consumable water getting reduced
 d). Above all is correct
16. A Herbivore out of these animals
 a). butterfly b). lion c). crow d). Tiger
17. By which process a plant differ from animals
 a). Reproduction b). photosynthesis c). respiration d) growth
18. Which of the following is not a fat soluble Vitamin
 a). Vitamin A b), Vitamin B c). Vitamin C d. Vitamin D
19. The ascent of sap in plants takes place due to _____.
 a). root pressure b). transpiration pull
 c). both a and b d). osmosis
20. An advantage of containing fiber in food is,
 a). Low risk in cancers in large intestine b). Prevent constipation
 c). Helps, control blood sugar level d). All the above

PART-II

Answer any four questions given below.

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

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



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

EDUCATION & TRAINING COURSE: DIPLOMA IN EARLY CHILDHOOD EDUCATION

COURSE CODE: LC-843
SUBJECT: DEVELOPMENTAL PSYCHOLOGY

| | |
|--------------------------|-------------------------------|
| Faculty | Department / Section/Division |
| Humanities and Education | Education |

| | |
|-----------------------------------|--|
| <i>Instructions to Candidates</i> | Date: 2023.06.24 |
| Write all the questions. | Duration of the examination = 02 hours |
| Total Marks = 100 | Candidates could be disqualified if you violate examination rules. |
| | Candidates are not allowed to communicate with and disturb fellow candidates during the examination. |

Answer only five Questions.

QUESTION 1

- 1). Educational psychologists apply theories of human development to understand individual learning and inform the instructional process. The process of learning is continuous and starts right from the time of birth of an individual and continues till death.
- (a) Explain your understanding of the role of educational psychology. (8 Marks)
- (b) What are the main approaches in educational psychology? (12 Marks)

QUESTION 2

- 2). Developmental psychology is the scientific study of how and why humans grow, change, and adapt across the course of their lives. As humans, we constantly grow throughout our lifespans, from conception to death.
- (a). According to Freud, how does psychosexual personality development occur? (8 Marks)
- (b). Explain the implications of developmental theories for teachers. (12 Marks)

QUESTION 3

3). As children's thinking develops from one stage to the next, their behaviour also changes, reflecting these cognitive developments. The stages follow a specific order, and each subsequent stage only occurs after the one before it.

- (a) What is it that a child cannot do in Piaget's concrete operational stage? (8 Marks)
- (b). Explain how Piaget's theory is important for people working with children (12Marks)

QUESTION 4

4). Learning situations are most natural and common in our life. Every moment you learn something or the other because of the varied experiences you have in life. In the educational process, the central idea is learning.

- (a). How would the behavioural approach explain learning? (8 Marks)
- (b). What is the difference between classical conditioning and operant conditioning (12 Marks)

QUESTION 5

5). Curriculum / Learning experiences should be according to the mental level of maturity of the child. If this is not so, there will be poor comprehension and readiness may vanish. Learning failures are the result of forcing the learner to learn when she/he is not ready to learn something.

- (a). Define what motivation is. (8 Marks)
- (b). Discuss the importance of motivation in classroom teaching and the learning process. (12 Marks)

QUESTION 6

6). Children and adolescents grow and develop at very different rates. Everyone is unique, with a distinct personality and life experience and age is not the only sign of where a particular child or adolescent is in terms of development.

- a). What are the four psychological needs of adolescents? (8 Marks)
- b). How a teacher can help adolescents overcome problems related to transition periods. (12 Marks).

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



FINAL EXAMINATION QUESTION PAPER

CODE - QP

Approved for Quality Management System

EDUCATION & TRAINING COURSE: DIPLOMA IN EARLY CHILDHOOD EDUCATION

COURSE CODE: LC 0843

SUBJECT: DEVELOPING MATHEMATICAL SKILLS

| | |
|--------------------------|-------------------------------|
| Faculty | Department / Section/Division |
| Humanities and Education | Education |

| | |
|--|--|
| <i>INSTRUCTIONS TO CANDIDATES</i> | Date: 2023.06.18 |
| <i>Candidates could be disqualified if you violate examination rules.</i> | Duration of the examination = 02 hours |
| <i>Candidates are not allowed to communicate with and disturb fellow candidates during the examination</i> | Total Marks = 100 |
| | |

❖ **Answer 5 questions**

Question 01 Select the correct answer

(20 marks)

- i) The primitive man kept a record of his group of chickens by using a number concept Known as:
- invariance
 - inclusion
 - neighborhood
 - one to one correspondence
- ii). which of these is the largest number?
- 5 735
 - 5 537
 - 5 573
 - 5 753

iii). The shape which has no straight edges, no corners is a,

- a) Circle
- b) Rectangle
- c) Square
- d) Triangle

iv). Select the correct order of following experiences that are used in introducing number Concepts in primary grades.

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

v) Which of the following vocabulary words are related to spatial relationships?

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

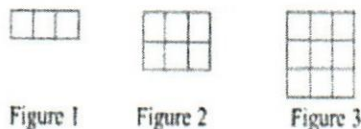
vi). Select the pair which has only prime numbers.

- a) (1, 2)
- b) (9, 5)
- c) (1, 3)
- d) (2, 7)

vii). Which of the following attributes is usually used to separate a bag of vegetables?

- a) Size
- b) Color
- c) Shape
- d) Kind

viii). Following is the beginning of a pattern of tiles. If the pattern continues, how many tiles will be in Figure 5?



- a) 12
- b) 15
- c) 18
- d) 21

ix). Which of the following is the Hindu-Arabic form for the Roman numeral MCDXCVII?

- a) 1749
- b) 1479
- c) 1497
- d) 1947

x). Following are some mathematical statements that a student wrote. Select the one that is incorrect.

- a) All sides of a Regular polygon are equal.
- b) A square has all its angles equal to 90 degrees.
- c) A circle is a polygon.
- d) A triangle is a 2-dimensional shape.

Question 02

- a). Write three unit fractions. (02 marks)
- b). Write down the numbers 0.6, 0.66 and 0.06 in ascending order. (02 marks)
- c). What is the value of D in MMMDCXVII? (02 marks)
- d). The perimeter of one of the faces of a cube is 20 cm, find its volume. (03 marks)
- e). i. There are three essentially sequential stages to follow in developing concepts related to measuring attributes of objects. Name these three stages? (03 marks)
- ii. Name three devices which can be used to measure time. (03 marks)

f). i. What is the smallest whole number that you can make using the digits 4, 8, 9, 5, 7, 6 and 2? Use each digit only once.

ii. What is the value represented by digit 6 in this number?

iii. Write this number in standard form.

iv. Write this number in words.

(05 marks)

Question 03

a). Name three **pre mathematical concepts**. Describe activities which can be used to introduce these concepts to early grade children. (10 marks)

b). What is CPA approach? Explain the activities you can use in these three stages. (10 marks)

Question 04

a). Explain, why did Hindu -Arabic numerals become more popular than Roman numerals? (12 marks)

b). Explain the materials and procedure can be used to introduce the concept of place value. (08 marks)

Question 05

a) Explain the difference between LOTS and HOTS. (05 marks)

b) Explain the difference between closed questions and open questions.

Write 2 closed questions and Write 2 open questions. (08 marks)

c) Explain the importance of using formative assessment in mathematics lessons. (07 marks)

Question 06

a) Name three teaching/learning materials that can be used in mathematics lessons and Explain how these materials can be used in a lesson. (10 marks)

b) Design 10 domino cards to consolidate addition facts up to 25. (05 marks)

c) Describe the procedure used to introduce the four main directions. (05 marks)

Question 07

A group of students from grade 5 were asked the number of members in their family and the results are given below.

2 4 3 4 3 5 2 3 5 3
 3 2 3 2 4 6 4 3 3 4
 3 2 2 6 3 2 4 3 3 5

- a) Complete the given table on your answer paper by using above data. (03 marks)

| Number of members | Tally mark | . No. of families |
|-------------------|------------|-------------------|
| | | |

- b) Draw a suitable graph using above data. (03 marks)
- c) What would be a suitable topic for this graph? (02 marks)
- d) What information does the vertical axis give? (02 marks)
- e) Write five questions to ask from children to test their ability to interpret data shown in the graph. (10 marks)

Question 08

Explain the difference between Instrumental Learning (rote learning) and Relational Learning (meaningful learning) with examples. (20 marks)

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



FINAL EXAMINATION QUESTION PAPER

CODE - QP

Approved for Quality Management System

EDUCATION & TRAINING COURSE : DIPLOMA IN EARLY CHILDHOOD EDUCATION

COURSE CODE: LC-0843

SUBJECT: HEALTH & NUTRITION

| | |
|--------------------------|-------------------------------|
| Faculty | Department / Section/Division |
| Humanities and Education | Education |

| | |
|-----------------------------------|--|
| <i>INSTRUCTIONS TO CANDIDATES</i> | Date: 2023-06-18 |
| Total Marks = 100 | Duration of the examination = 02 hours |
| | Candidates could be disqualified if you violate examination rules. |
| | Candidates are not allowed to communicate with and disturb fellow candidates during the examination. |

PART – I

Answer all the questions given. Underline the most suitable answer.

- (01). Which one of the following foods does not contain carbohydrate:
 (a) potato, (b) sugar, (c) meat, (d) rice.
- (02). Which is the largest gland in the human body?
 a). Thyroid b). Liver c). Pancreas d). None of these
- (03).



Identify the disease and name the deficiency that causes it?

- a. Kwashiorkar, caused due to deficiency of proteins
- b. Kwashiorkar, caused due to deficiency of proteins and carbohydrates
- c. Marasmus, caused due to deficiency of proteins
- d. Marasmus, caused due to deficiency of proteins and carbohydrates

(04).. Deficiency of _____ causes Night blindness.
 a. Vitamin B1 b. Vitamin D c. Vitamin A d. Vitamin C

(05).



Deficiency of which nutrient leads to this disease?

- a. Vitamin A b. Vitamin D
 c. Vitamin C d. Vitamin C

(06). Having iodized salt regularly in your food will help in the prevention of _____.
 a. Goitre b. Anaemia c. Rickets d. Diabetics

(07). Stunted growth and stomach shrinkage are the symptoms of this deficiency disease.
 a. Kwashiorkor b. Marasmus c. Anemia d. Goiter

(08). Having foods rich in this vitamin will prevent Beriberi disease.
 a. Vitamin A b. Vitamin C c. Vitamin B1 d. Vitamin D

(09). If you suffer from Anaemia you should eat foods rich in _____.
 a. Vitamin A and C b. Calcium and Phosphorus
 c. Iron and Vitamin B12 d. Vitamin A and D

(10). Lack of exposure to sunlight may lead to deficiency of this _____.
 a. Vitamin D b. Vitamin K
 c. Vitamin E d. Vitamin D

(11). The key to good health is a _____.
 a. drink enough water b. Regular exercises c. Balanced diet d. All these

(12). If a person has weak and malformed bone what should take most.
 a. Vitamin D b. Protein c. Food contain Iron d. Food contain Calceium

(13). Preserving food
 a. Making food last longer b. Increasing the nutritional value food
 c. Making food edible d. Increase the taste

- (14). The disease that became common for sailors because of long voyages without vitamin C in the diet was
(a), Aneamia (b). Herpes (c). Scurvy. (d), Ebola
- (15). Which one of the following groups of chemicals is not a food nutrient?
(a) proteins, (b) enzymes, (c) carbohydrates, (d) vitamins.
- (16). The teeth at the front of the mouth which are used for chopping are called:
(a) incisors, (b) canines, (c) premolars, (d) molars.
- (17). When proteins are completely broken down the end products are:
(a) glucose molecules, (b) glycerol molecules, (c) amino acids, (d) vitamins
- (18). What food does for you:
(a). Provides energy for daily activity (b) Gives you raw material
(c) Eating is an enjoyable activity for your body (d) All of the above
- (19). Osteoporosis effects what part of your body?
(a). skin (b). Hair (c). Blood (d). Bones
- (20). A Food Nutritional Label will NOT tell you the...?
(a) . food group (b) serving size (c). calories (d) total fat

(Marks- 20)

PART II

Answer all the questions given.

(01).

- i. What are infectious diseases? Give three examples.
- i. List five good health habits?
- ii. List three minerals essential for body.
- iv. Name three noninfectious diseases,

(Marks- 20)

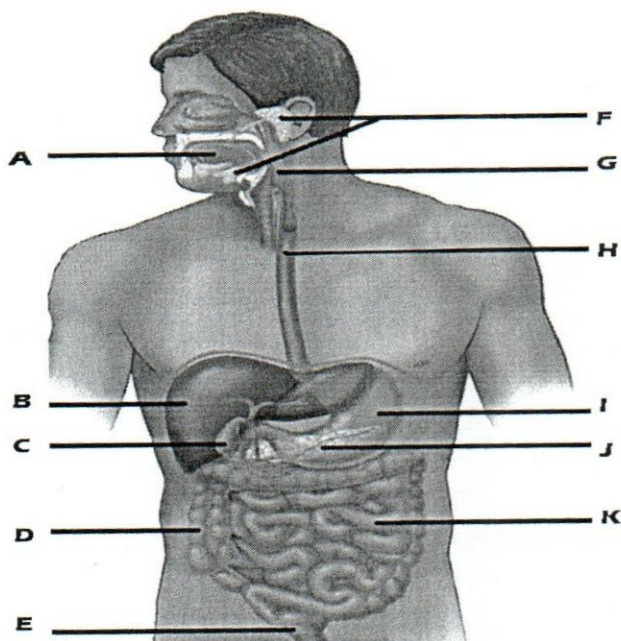
(02).

- i. Name five systems in the Human Body.
- ii. List three functions of Blood Circulatory system.
- iii. Write the path of food taken by mouth till waste pass away from body.
- iv. What are the ways diseases spread among people?

(Marks- 20)

(03). Digestive system is one of the most important systems of the body.

- i. Lable the parts from A-K of the following figure.



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

(20 Marks)

- (04). i. What are the ways we get diseases?
ii. Write five ways water gets polluted.
iii. Name four diseases spread due to polluted water.
iv. Name three undernutrition conditions.

(20 Marks)

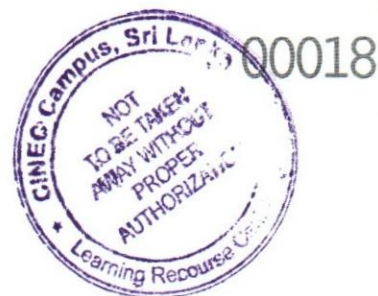
- (05). i. What are the five sensory organs of the body?
ii. What are the examples of fat-soluble vitamins?
iii. Name three vitamin deficiency symptoms.
iv. What are the components of a healthy diet?

(Marks- 20)

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

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FINAL EXAMINATION QUESTION PAPER

CODE - 2P

Approved for Quality Management System

EDUCATION & TRAINING COURSE: DIPLOMA IN EARLY CHILDHOOD EDUCATION

COURSE CODE: LC-0843

SUBJECT: PRINCIPLES AND PHILOSOPHY OF PRESCHOOL EDUCATION

| | |
|--------------------------|-------------------------------|
| Faculty | Department / Section/Division |
| Humanities and Education | Education |

| | |
|-----------------------------------|--|
| <i>INSTRUCTIONS TO CANDIDATES</i> | Date: 2023.06.17 |
| Total Marks = 100 | Duration of the examination = 02 hours |
| | Candidates could be disqualified if you violate examination rules. |
| | Candidates are not allowed to communicate with and disturb fellow candidates during the examination. |

Answer five questions only

Question 1

- (i) Explain the five characteristics of education. (10 marks)
- (ii) Compare and contrast aims, objectives and specific objectives in education. (10 marks)

Question 2

- (i) What is formal, informal and non-formal education? Explain with example. (10 marks)
- (ii) "Non formal education leads to lifelong learning" Discuss this statement. (10 marks)

Question 3

- (i) Identify and discuss the Four Pillars of Education. (10 marks)
- (ii) As a teacher discuss the five ways of helping children with regard to child rights. (10 marks)

Question 4

- (i) Discuss the importance of philosophy of education to teachers. (10 marks)
- (ii) Discuss the educational contributions of Maria Montessori. (10 marks)

Question 5

- (i) Compare and contrast teacher centered and student centered education. (10 marks)
- (ii) "Teachers need to perform varies roles/ adopt a range of roles and skills to suit specific situations". Elucidate this statement. (10 marks)

Question 6

- (i) Briefly explain the five (05) Agents of Socialization. (10 marks)
- (ii) "Socialization is interactive in nature. This interaction is two-fold" Discuss. (10 marks)

Question 7

- (i) Discuss the need for value education in present society. (10 marks)
- (ii) "There are some means and ways that Teachers can inculcate value education". Elucidate. (10 marks)

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



FINAL EXAMINATION QUESTION PAPER

CODE - QP

Approved for Quality Management System

EDUCATION & TRAINING COURSE: DIPLOMA IN EARLY CHILDHOOD EDUCATION

COURSE CODE: LC -0843

SUBJECT: ORGANIZATION AND MANAGEMENT OF PRESCHOOL

| | |
|--------------------------|-------------------------------|
| Faculty | Department / Section/Division |
| Humanities and Education | Education |

| | |
|-----------------------------------|--|
| <i>INSTRUCTIONS TO CANDIDATES</i> | Date: 2022/12/18 |
| Total Marks = 60 | Duration of the examination = 02 hours |
| | Candidates could be disqualified if you violate examination rules. |
| | Candidates are not allowed to communicate with and disturb fellow candidates during the examination. |

Part I

❖ Answer All Questions.

1. Define the term Management.
2. Mention the aim and two objectives of a Pre-school.
3. Write two general record maintained by the pre-school.
4. Write 2 types of documents maintained in the pre-school.
5. Explain the term "social capital"?

(2*5 = 10marks)

Part II

❖ Answer Any Two Questions.

Question 01

1. Explain the management functions with suitable examples extracted from the pre-school setting

(4 marks)

2. 'Pre-school environment should be maintained in a way to attract students'. Explain with 2 examples.

(5 marks)

3. What are the issues to be considered when positioning the pre-school? (6 marks)
 4. Discuss the indoor and outdoor equipment suitable for pre-school environment. (10 marks)
- (25marks)

Question 02

1. Mention two benefits of record keeping in the pre-school setting (4 marks)
2. Discuss 2 types of child day care centers (5 marks)
3. Write 3 objectives of National guidelines for Child Day Care Centers in Sri Lanka. (6 marks)
4. 'Parental involvement in the learning process is important for pre-school operations'. How do you organize parental involvement in your pre-school? Explain 4 methods. (10 marks)

(25 marks)

Question 03

1. Mention 4 functions related to the role of a pre-school teacher precisely. (4 marks)
2. Briefly explain 4 professional attitudes of a pre-school teacher. (5 marks)
3. Explain 3 skills to be used by a pre-school teacher in the teaching learning process (6 marks)
4. Discuss the traits you hold as a pre-school teacher? Support your answer with suitable examples. (10 marks)

(25 marks)

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



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

EDUCATION & TRAINING COURSE: DIPLOMA IN EARLY CHILDHOOD EDUCATION
COURSE CODE: LC-0843
SUBJECT: DEVELOPMENTAL PSYCHOLOGY

| | |
|--------------------------|-------------------------------|
| Faculty | Department / Section/Division |
| Humanities and Education | Education |

| | |
|-----------------------------------|--|
| <i>Instructions to Candidates</i> | Date: 2022.12.17 |
| Write all the questions. | Duration of the examination = 02 hours |
| Total Marks = 100 | Candidates could be disqualified if you violate examination rules. |
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Answer any five questions. Each question carries 20 Marks

QUESTION 1

1. (i) Define psychology with your own words. (8 Marks)
- (ii) Explain and describe the purposes of educational psychology (12 Marks)

QUESTION 2

2. (i) Explain the main factors influencing human development (8 Marks)
- (ii) What are the main differences between growth and development? (12 Marks)

QUESTION 3

3. (i). Explain Vygotsky's Theory of Cognitive Development (8 Marks)
- (ii) List the four stages of Piaget's Cognitive Development theory and briefly describe a child's capabilities during each stage. (12 Marks)

QUESTION 4

4. (i) Write Erikson's five principles. (8 Marks)
(ii) Explain how Assimilation happens According to Jean Piaget (12 Marks)

QUESTION 5

5. (i) Mention the type of motivations with the help of examples. (8 Marks)
(ii) Explain how Maslow's hierarchy of needs might have affected behavior in some way? (12 Marks)

QUESTION 6

6. Write a short note on two topics below (Each topic carries 10 Marks)
- (a) Edward L. Thorndike's primary laws of learning
 - (b) Pavlov's Classical Conditioning Theory
 - (c) Social Learning Theory: Bandura
 - (d) Lorenz Ethological Theory

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



FINAL EXAMINATION QUESTION PAPER

CODE - QP

Approved for Quality Management System

EDUCATION & TRAINING COURSE: DIPLOMA IN EARLY CHILDHOOD EDUCATION

COURSE CODE: LC-0843

SUBJECT: DEVELOPING MATHEMATICAL SKILLS

| | |
|--------------------------|-------------------------------|
| Faculty | Department / Section/Division |
| Humanities and Education | Education |

| | |
|-----------------------------------|--|
| <i>INSTRUCTIONS TO CANDIDATES</i> | Date: 2022/12/11 |
| Total Marks = 100 | Duration of the examination = 02 hours |
| | Candidates could be disqualified if you violate examination rules. |
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❖ Answer 5 questions

Question 01. Underline the correct answer

i. The symbol D in Roman numeral stands for:

- (a) 100
- (b) 500
- (c) 1000
- (d) 50

ii. The corners of a solid shape are called its _____.

- (a) vertices
- (b) edges
- (c) faces
- (d) net

iii Which one of the following is an improper fraction?

- (a) $\frac{5}{3}$ (a) $\frac{1}{7}$ (a) $\frac{4}{15}$ (a) $\frac{1}{10}$

iv. How many lines of symmetry does the figure have?



- (a) 1 (b) 2 (c) 3 (d) 4

v. Following are some mathematical statements that a student wrote.
Select the one that is incorrect.

- (a) Regular polygon has all its sides are equal.
(b) A square has all its angles equal to 90 degrees.
(c) 2 is a prime number.
(d) A triangle is a three-dimensional shape.

vi. Select the correct expression

- (a) $(-3) > (+2)$
(b) $(+1) > (-5)$
(c) $(-5) > (0)$
(d) $(-3) > (-1)$

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

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

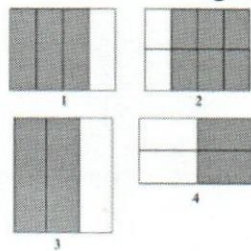
viii. Select the correct order of following experiences that are used in introducing number concepts in primary grades

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

ix. . Which of the following vocabulary words are related to measuring length?

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

x. Each figure represents a fraction. Which two figures represent the same fraction?



- (a). 1 and 2 (b). 1 and 4 (c). 2 and 3 (d). 3 and 4

(2 x 10 = 20 marks)

Question 02

- (a) Write all prime numbers between 10 and 25. [3 marks]
- (b) i. Write $85/125$ as a decimal number.
ii What is the hundredth digit of this decimal number? [4 marks]
- (c) Draw an abacus to represent number 20.54 [2 marks]
- (d) There is a square which a side length is 12cm. Its perimeter is equal to the perimeter of an equilateral triangle. Find the side length of the equilateral triangle. [5 marks]
- (e) Write down 3 characteristics observed in a cube? [3 marks]
- (f) Write the Hindu-Arabic numeral for MMCMIX. [3 marks]

Question 03

- (a) What is CPA approach? Describe activities early grade teacher can use in these three stages. [10 marks]
- (b) Explain a sequence of activities suitable to introduce 'number 3' for early grade Children. [10 marks]

Question 04

- (a) Name three pre-mathematical concepts and describe these concepts with examples. [10 marks]
- (b) Name three teaching/learning materials that can be used in mathematics lessons and explain how these materials can be used in a lesson. [10 marks]

Question 05

- (a) There are three essential stages to follow in developing concepts related to measuring attributes of objects. Name these three stages. [06 marks]
- (b) Write three units used in ancient time to measure length. [03 marks]
- (c) Name three measuring tools that are used to measure length. [03 marks]
- (d) Name three devices which can be used to measure time. [03 marks]
- (e) The quantity of drink in a bottle was 2 l and 100 ml.
Of this amount, three 200 ml glasses were served to guests. Find the amount of drink remaining in the bottle. [05 marks]

Question 06

The number of glasses of fruit drinks sold at a stall on a certain day, is represented in the following table.

| Type of drink | Tally marks | Number of glasses sold |
|---------------|-------------|------------------------|
| Wood apple | | 7 |
| Mango | | 5 |
| Lemon | | 6 |
| Guava | | 3 |
| Pineapple | | 4 |

- (a) Complete the tally marks column in this table. [02 marks]
- (b) Draw a bar graph using this data. [02 marks]
- (c) Write a suitable topic for the graph. [02 marks]
- (d) What information does the vertical axis give? [02 marks]
- (e) Write six questions to ask from children to test their ability to interpret data shown in the graph. [12 marks]

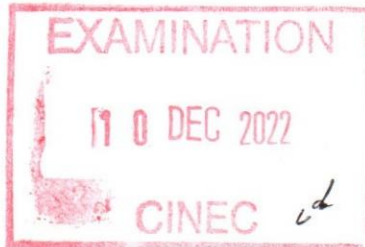
Question 07

- (a) The most common number system in the world is Hindu–Arabic number system.
Explain the advantages of this number system. [10 marks]
- (b) Write 3 activities that you can use with children to introduce place value of numbers. [10 marks]

Question 08

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

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



FINAL EXAMINATION QUESTION PAPER

CODE - QP

Approved for Quality Management System

EDUCATION & TRAINING COURSE: DIPLOMA IN TEACHING ENGLISH LANGUAGE AND LITERATURE/DIPLOMA IN
PRIMARY TEACHING/DIPLOMA IN TEACHING MATHEMATICS AND SCIENCE
DIPLOMA IN EARLY CHILDHOOD EDUCATION
COURSE CODE: LC-0838/0839/0844/0843
SUBJECT: LANGUAGE & COMMUNICATION SKILLS

| | |
|--------------------------|-------------------------------|
| Faculty | Department / Section/Division |
| Humanities and Education | Education |

| | |
|-----------------------------------|--|
| <i>INSTRUCTIONS TO CANDIDATES</i> | Date: 2022.12.10 |
| Total Marks = 100 | 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. |

English Language and Communication

December 2022

**Answer all questions
Total marks -100
Pass mark -50**

**Index No.....
Duration – 3 hours**

Question 01

Fill in the blanks with a suitable preposition

1. What I thought was different what you thought.
2. They are agreement to sell the house for a cheap price.
3. She will put the blame you if you failed to attend the conference.
4. People are afraid the current economic situation in the country; they migrate to well-developed countries.
5. After the graduation, I'm planning apply for a job.

(05 marks)

Question 02

Underline the correct word ending selecting from those given in brackets.

1. He told me confi..... (dential, dent, dentially) that he was going to apply for the post of director.
2. Gamini told that he was miser..... (able, y, ably) because he had lost his job.
3. My friend always wears glam..... (orously, orous, our) dresses.
4. In desper..... (ate, ately, action), I went to the psychiatrist for help.
5. He was dis..... (gusting, gusted, gustedly) with the way his friend behaved at the party.

(05 marks)

Question 03

Read the letter given and answer the following questions.

42/B
Kuliyapitiya
5th October 2022

My dear Rizvana,

It has been quite some time since I wrote to you last. The last month was indeed very **hectic**, as our first term test was in full swing. We all were delighted when our vacation commenced. Our family along with uncle Sisira's family went to Riverstone in Matale during this holiday.

We all went in uncle Sisira's van and had a wonderful time. We started our journey in the morning from Kuliyapitiya and reached Matale town around 7.30 a.m. After taking breakfast at a restaurant in Rattota, we reached Illukumbura forest bungalow around 10.00 a.m. This bungalow had been reserved by my father before our vacation started. After having a cup of tea **there**, we proceeded to Riverstone, which is about 10km from the bungalow, with our guide, Bandara, who joined us there. We drove up to Riverstone Telecommunication Tower and parked our van near a small river and began trekking from there towards the mountains. As there weren't many visitors on that day, we felt our journey relaxed.

We headed to Sera Ella and enjoyed the refreshing cold spray of misty water droplets there. Oh! – I forgot. Before that, we visited 'mini worlds end' and enjoyed the picturesque view of Knuckles range and Thelgarnuwa valley. From Sera Ella, we all walked to Thelgama Oya and had a cooling dip bath after a long arduous trek. My mother had prepared sandwiches. After

having sandwiches for our lunch, we reached our lodge at 5.00 p.m. and enjoyed our dinner prepared by Bandara. Next morning, we all set out to Kuliyaipitiya after breakfast.

You must also plan a visit to this place and I am sure you will enjoy it. Give my love to Anil.

Loving friend
Seetha

1. Do the following statements agree with the information given in the above text? In boxes write **True** or **False**.

| | |
|--------------|-----------------------------|
| True | If the statement is correct |
| False | If the statement is wrong |

| Statements | |
|---|--|
| (1) The two families went to Riverstone before the vacation. | |
| (2) Seetha's family started the journey before 7.30 a.m. | |
| (3) Their vehicle was kept at the Illukkumbura forest bungalow when they visited Sera Ella. | |
| (4) A lot of tourists had come to Riverstone on the day of their visit. | |
| (5) Before they reached Sera Ella, they had visited 'mini worlds end'. | |
| (6) They had a bath at Sera Ella. | |
| (7) Their lunch was prepared by Seetha's mother. | |
| (8) They spent the night at the Illukkumbura forest bungalow. | |

2. Underline the **most appropriate** response.

(a) The word '**hectic**' most nearly means

- (1) awful
- (2) thoughtful
- (3) complicated
- (4) busy

(b) The word, '**there**' in bold print refers to

- (1) Matale
- (2) Illukkumbura Forest Bungalow
- (3) Riverstone
- (4) Restaurant in Rattota

3. Write a summary of Seetha's journey to Riverston.

.....

.....

.....

.....

.....

.....

.....

.....

(20 marks)

Question 04

Rewrite each sentence beginning as shown, so that the meaning stays the same.

- If you don't do it, you will be in danger.

Unless you

- I didn't have an umbrella with me, so I got wet.

I wouldn't.....

- You dial this number to contact him.

If you.....

- The politician promised a solution.

A solution.....

- The government ought to issue O/L results now.

It's high time

- Don't complain all the time. It's so annoying.

I wish

- I am very sorry. I couldn't attend your uncle's funeral.

I really wish

- She was not there, that's why I couldn't speak to her.

If she

- One of my friends always gives me calls for nothing.

I

- It's better if you can leave now itself.

You'd

(10 marks)

Question 05

Underline the correct word forms those given within brackets to fill in the blanks in the following text.

A boy and a girl (1)..... (was/ were/ been) playing together. The boy had (2)..... (a/ those/ many) collection of beautiful marbles. The girl had (3)..... (some/ much/ any) toffees with her. The boy offered to give the girl all his marbles (4)..... (on/ in/ with) exchange for all her toffees. The girl agreed. The boy gave all the marbles to the girl, but secretly kept (5)..... (a/ few/ the) most beautiful marble for (6) (his/ he/ himself) The girl gave him all her toffees (7)..... (unless/as/though) she had promised. That night, the girl slept peacefully. But the boy couldn't sleep as he kept wondering if the girl had hidden some more tasty toffees from (8) (he/him/his) the way he had hidden (9).....(himself/his/him) best marble.

If you don't give your hundred percent in a relationship, you will always keep doubting (10) (after/ whether/ before) the other person has given his or her hundred percent.

(10 marks)

Question 06

Read the following text and do the activities that follow. The text has six paragraphs. (I—VI). One word in the first paragraph (I) has been deleted.

- (I) Garbage cans are not magical portals. Trash does not disappear when you toss it in a can. Where does all that trash go? There are four methods to manage waste: recycling, landfilling,, and incinerating. Each method has its strengths and weaknesses.
- (II) Recycling is the process of turning waste into new materials. For example, used paper can be turned into cardboard, which can be used to make book covers. Recycling can reduce pollution, save materials, and lower energy use. Yet, some argue that recycling wastes energy. They believe that the process of collecting, and converting waste uses more energy than it saves. Still, recycling is better for the planet than land-filling.
- (III) Land-filling is the oldest method of managing waste. In its simplest form, land-filling is when people bury garbage in a hole. Over the years, the practice of land-filling has advanced. Garbage is compacted before it is thrown into the hole. In this way, more garbage may be put in each landfill. Large liners are placed in the bottom of landfills so that toxic garbage juice doesn't get into the ground water. Sadly, these liners don't always work. Landfills may pollute the local water supply. Not to mention that all of that garbage stinks. Nobody wants to live next to a landfill. This makes it hard to find new locations for landfills
- (IV) As landfill space increases, interest in composting grows. Composting is when people pile up organic matter, such as food waste, and allow it to decompose. The product of this decomposition is compost. Compost can be added to the soil to make the soil richer and better for growing crops. While composting is easy to do on-site somewhere, like home or school, it's hard to do after the garbage gets all mixed up. This is because plastic and other inorganic materials must be removed from the compost pile or they will pollute

the soil. There's a lot of plastic in garbage, which makes it hard to compost on a large scale.

(V) One thing that is easier to do is burning garbage. There are two main ways to incinerate waste. The first is to create or harvest a fuel from the waste, such as methane gas, and burn the fuel. The second is to burn the waste directly. The heat from the incineration process can boil water, which can power steam generators. Unfortunately, burning garbage pollutes the air. Also, some critics worry that incinerators destroy valuable resources that could be recycled.

(VI) Usually, the community in which you live manages waste. Once you put your garbage in a can, what happens to it is beyond your control. But you can make choices while it is still in your possession. You can choose to recycle, you can choose to compost, or you can choose to let someone else deal with it. The choice is yours.

(1) In the space provided beside each sentence given below, write T (True) if the sentence is correct and F (False) if it is wrong and U (Unknown) if the information given in the text is not sufficient to decide.

- (a) Developed countries use recycling method more often than other waste management methods. (.....)
- (b) Due to high amount of plastic in garbage, it is difficult to produce *compost* on a large scale. (.....)
- (c) The writer does not recommend one method of waste management as the best. (.....)

(2) **Underline** the most appropriate response in each of the following.

(a) Which of the following is the most appropriate word to fill in the blank in paragraph I?

- (i) processing (ii) composting (iii) destroying (iv) locating

(b) Which of the following is true?

- (i) Burning garbage does not cause environmental pollution.
(ii) Landfills can cause environmental pollution.
(iii) Compost and land-filling can be used to make the soil richer.
(iv) Land-filling is a more effective method than recycling.

(c) Which of the following is not true according to paragraph V?

- (i) Burning garbage is an easy method of waste management.
(ii) There are no advantages of incinerating method.
(iii) Incinerating method has both advantages and disadvantages.
(iv) Incinerating method can harvest a fuel from the waste.

(d) Which of the following is the most appropriate title to this text?

- (i) Recycling Garbage; a better method of waste management.
(ii) Methods of Waste Management; their strengths and weaknesses.
(iii) Waste Management Methods; four types and their advantages.
(iv) Recycling Garbage: its strengths and weaknesses.

(3) Fill in the blanks in the following passage, based on the information in the above text. Do not use more than two words in each blank.

Throughout history, waste has been generated by humans. In areas with low population density, waste generation may have been negligible. Therefore, in the past (1)..... was

a very satisfactory method of waste management. As the population grew, the build-up of waste caused a rapid deterioration in the general quality of life. As a result, people realized the importance of other methods of (2) management. They began to (3) the waste. The heat generated from this process was used to boil water. However, incineration process led to air pollution. In another method, people are thinking of turning waste into new materials, the process of which is referred to as (4) Though it has many advantages, we cannot ignore the fact that it uses more (5) than it saves.

(4) Who or what do the pronouns in bold print in the text refer to?

- (a) it (paragraph II) -
- (b) they (paragraph IV) -
- (c) it (paragraph VI) -

(5) Write one word for each blank, selecting from the passage, which means the same as each of the given word/phrases

- (d) make something less or smaller in size/quantity -
- (e) developed/improved -
- (f) containing poison -
- (g) very useful/important -
- (h) persons who express opinions or disapproval of something -

(20 marks)

Question 07

Fill in each blank with the correct form of the verb given in brackets.

Two schoolboys were arguing over something one day. Suddenly, they started (1).....
(hit) each other. (2)..... (see) them, a third boy came rushing towards them to
stop their fight. As he (3)..... (go) near them, he heard the first boy (4)
..... (tell) the second boy "With one hard slap I (5)..... (take)
out all your 64 teeth."

The third boy (6) (shock) at what he said and asked the first boy, "What
the hell (7) you (talk) about? Where in the world
(8)..... you (find) a person with 64 teeth?"

To this the first boy replied, "I knew you (9) (interfere) in our matter,
that's why I (10)..... (include) yours as well.

(10 marks)

Question 08

Write an essay on one of the following. Use not less than 200 words.

- (1) Importance of technology in teaching
- (2) Impact of the economic crisis on education
- (3) Living with COVID 19 pandemic

Or

Develop the following into a story

It was the very first time that I went on a trip without my family. My friends including me
decided to go on a trip.....

(20 marks)

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

library



FINAL EXAMINATION QUESTION PAPER

CODE - QP

Approved for Quality Management System

EDUCATION & TRAINING COURSE:

COURSE CODE: LC-0843

SUBJECT: PRINCIPLES AND PHILOSOPHY OF PRESCHOOL EDUCATION

| | |
|--------------------------|-------------------------------|
| Faculty | Department / Section/Division |
| Humanities and Education | Education |

| | |
|-----------------------------------|--|
| <i>INSTRUCTIONS TO CANDIDATES</i> | Date: 2022.12.10 |
| Total Marks = 100 | Duration of the examination = 02 hours |
| | Candidates could be disqualified if you violate examination rules. |
| | Candidates are not allowed to communicate with and disturb fellow candidates during the examination. |



Part 1

Answer all questions

1. Provide two definitions for 'Education'.
2. "The Educational Aims are decided at national level". Mention 4 characteristics of educational aims.
3. Explain two differences between teacher centered and student centered approach.
4. Write 4 objectives of the code of Ethics for teachers?
5. Mention 4 pillars of education.

(20 marks)

Part 2

Answer any 4 questions

Question 01

1. Write 3 main domains of Education. (2 marks)
 2. Explain 2 characteristics of Education. (4 marks)
 3. Briefly mention three examples for educational aims (6 marks)
 4. There are three main modes of Education. Explain with suitable examples (8 marks)
- (20 marks)

Question 02

1. Differentiate aims and objectives. (2 marks)
 2. Why is it important to consider learning objectives in the teaching learning process? Explain briefly. (4 marks)
 3. 'The national system of education should assist individuals and groups to achieve major national goals'. State three national goals. (6 marks)
 4. "Competencies in communication are based on 4 subsets": Discuss (8 marks)
- (20 marks)

Question 03

1. Explain teacher centered education. (2 marks)
 2. 'Student centered education is better than teacher centered education'. Do you agree with this? Explain (4 marks)
 3. Discuss 3 duties of a school teacher with relevant examples. (6 marks)
 4. "Teachers play different roles in the school". Explain this statement using suitable examples. (8 marks)
- (20 marks)

Question 04

1. What is code? (2 marks)
 2. Briefly explain 4 objectives of the code of ethics for teachers. (4 marks)
 3. How do you behave ethically in the school setting? Provide three examples. (6 marks)
 4. Discuss major challenges to code of success. (8 marks)
- (20 marks)

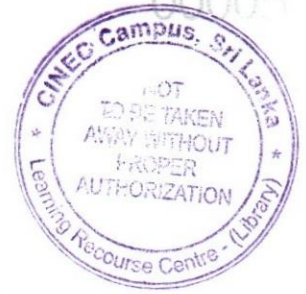
Question 05

1. Define the term "value ". (2 marks)
2. Explain the significance of value education in the school setting (4 marks)
3. Briefly explain 3 agents of socialization. (6 marks)
4. Discuss 4 ways and means that a teacher can inculcate value education (8 marks)

(20 marks)

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

Library



FINAL EXAMINATION QUESTION PAPER

CODE - QP

Approved for Quality Management System

EDUCATION & TRAINING COURSE: DIPLOMA IN EARLY CHILDHOOD EDUCATION

COURSE CODE: LC-0843

SUBJECT: HEALTH & NUTRITION

| | |
|--------------------------|-------------------------------|
| Faculty | Department / Section/Division |
| Humanities and Education | Education |

| | |
|-----------------------------------|--|
| <i>INSTRUCTIONS TO CANDIDATES</i> | Date: 2022-12-11 |
| Total Marks = 100 | Duration of the examination = 02 hours |
| | Candidates could be disqualified if you violate examination rules. |
| | Candidates are not allowed to communicate with and disturb fellow candidates during the examination. |

PART -I

Answer all the questions given. Underline the most suitable answer.

- (01). When proteins are completely broken down the end products are:
(a) glucose molecules, (b) glycerol molecules, (c) amino acids, (d) vitamins
- (02). What food does for you:
i. Provides energy for daily activity ii. Gives you raw material
iii eating is an enjoyable activity for your body iv. All of the above
- (03). Osteoporosis effects what part of your body?
i. skin ii. Hair iii. Blood iv. Bones
- (04). A Food Nutritional Label will NOT tell you the...?
i. food group ii. serving size iii. calories iv. total fat
- (05). The teeth at the front of the mouth which are used for chopping are called:
(a) incisors, (b) canines, (c) premolars, (d) molars.
- (06). Having iodized salt regularly in your food will help in the prevention of _____.
a. Goitre b. Anaemia c. Rickets d. Diabetics

- (07). Stunted growth and stomach shrinkage are the symptoms of this deficiency disease.
a. Kwashiorkor b. Marasmus c. Anemia d. Goiter
- (08). Having foods rich in this vitamin will prevent Beriberi disease.
A. Vitamin A b. Vitamin C c. Vitamin B1 d. Vitamin D
- (09). If you suffer from Anaemia you should eat foods rich in _____.
a. Vitamin A and C b. Calcium and Phosphorus
c. Iron and Vitamin B12 d. Vitamin A and D
- (10). Lack of exposure to sunlight may lead to deficiency of this _____.
a. Vitamin D b. Vitamin K
c. Vitamin E d. Vitamin D
- (11). The key to good health is a _____.
i. drink enough water ii. Regular exercises iii. Balanced diet iv. All these
- (12). If a person has weak and malformed bone what should take most.
i. Vitamin D ii. Protein iii. Food contain Iron iv. Food contain Calceium
- (13). Preserving food
i. Making food last longer ii. Increasing the nutritional value food
iii. Making food edible iv. Increase the taste
- (14). The disease that became common for sailors because of long voyages without vitamin C in the diet was
i, Aneamia ii. Herpes iii. Scurvy. iv, Ebola
- (15). Which one of the following groups of chemicals is not a food nutrient?
(a) proteins, (b) enzymes, (c) carbohydrates, (d) vitamins.
- (16). Which one of the following foods does not contain carbohydrate:
(a) potato, (b) sugar, (c) meat, (d) rice.
- (17). Which is the largest gland in the human body?
a).Thyroid b). Liver c). Pancreas d). None of these
- (18).



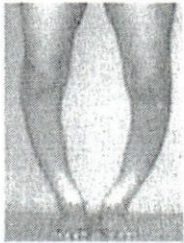
Identify the disease and name the deficiency that causes it?

- a. Kwashiorkor, caused due to deficiency of proteins
- b. Kwashiorkor, caused due to deficiency of proteins and carbohydrates
- c. Marasmus, caused due to deficiency of proteins
- d. Marasmus, caused due to deficiency of proteins and carbohydrates

(19).. Deficiency of _____ causes Night blindness.

- a. Vitamin B1
- b. Vitamin D
- c. Vitamin A
- d. Vitamin C

(20).



Deficiency of which nutrient leads to this disease?

- a. Vitamin A
- b. Vitamin D
- c. Vitamin C
- d. Vitamin C

(Marks- 20)

PART II

Answer any four questions given.

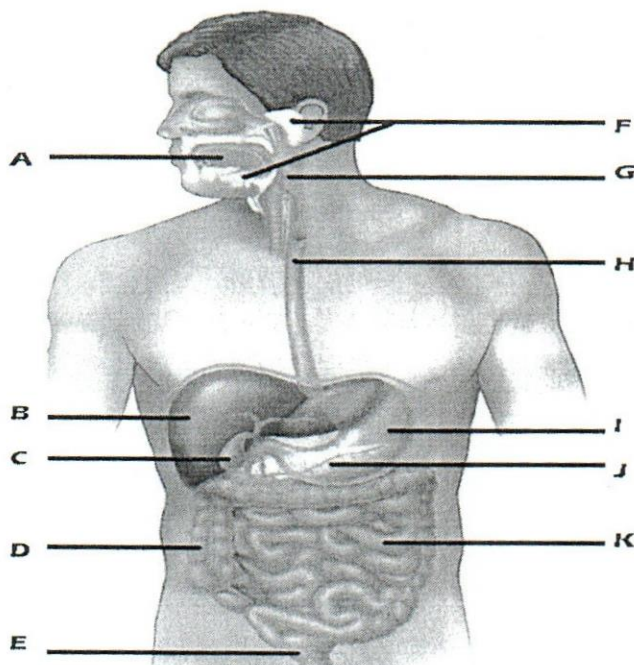
(01).

- i. Name five systems in the Human Body.
- ii. List three functions of Blood Circulatory system.
- iii. Write the path of food taken by mouth till waste pass away from body.
- iv. What are the ways diseases spread among people?
- v. Write five ways water gets polluted.

(Marks- 20)

(02). Digestive system is one of the most important systems of the body.

- i. Label the parts from A-K 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. List ten uses of water.
- ii. What are the three types of water available on earth?
 - iii. List ten ways that water gets polluted.
 - iv. Write ten possible ways we can prevent water pollution.
 - v. List five uses of plants.

(20 Marks)

- (04).
- i. What are the five sensory organs of the body?
 - ii. What are some examples of fat-soluble vitamins?
 - iii. Name three vitamin deficiency symptoms.
 - iv. What are the components of a healthy diet?
 - v. What are the ways we get diseases?

(Marks- 20)

- (05).
- i. What are infectious diseases? Give three examples.
 - ii. List five good health habits?
 - iii. List three minerals essential for body.
 - iv. Name three noninfectious diseases,
 - v. Name four diseases spread due to polluted water.

(Marks- 20)

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

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FINAL EXAMINATION QUESTION PAPER

CODE - 2P

Approved for Quality Management System

EDUCATION & TRAINING COURSE: DIPLOMA IN EARLY CHILDHOOD EDUCATION

COURSE CODE: LC-0843

SUBJECT: ORGANIZATION AND MANAGEMENT OF PRESCHOOL

| | |
|--------------------------|---------------------------------|
| Faculty | Department / Section / Division |
| Humanities and Education | Education |

| | |
|-----------------------------------|--|
| <i>INSTRUCTIONS TO CANDIDATES</i> | Date: 2022.08.21 |
| Total Marks = 60 | Duration of the examination = 02 hours |
| | Candidates could be disqualified if you violate examination rules. |
| | Candidates are not allowed to communicate with and disturb fellow candidates during the examination. |

PART 1

Answer All Questions

1. "Management is the process of planning, organizing, leading and controlling". Explain the importance of management in a pre-school setting with two examples.
2. What are the two types of pre-school environments? Write two examples each.
3. Mention two aspects to be considered when setting up a pre-school.
4. Explain two issues to be faced with positioning a pre-school.
5. What is the difference between an assessment and an evaluation?

(4 * 5 = 20 marks)

PART II

Answer Any Two Questions.

Question 01

1. Write two objectives of a pre-school with examples (2 marks)
2. How do you prepare a daily plan for a pre-school? Briefly explain (4 marks)

3. Explain two types of documents used to monitor and evaluate the progress of children. (6 marks)
4. Why is it important to maintain the records for a pre-school? Discuss with suitable examples. (8 marks)

(20 marks)

Question 02

1. What is a day care Centre? (2 marks)
2. Mention 4 objectives of National Guidelines for a Child Day Care Centre (4 marks)
3. Explain 3 principles governing Child Day Care Centers. (6 marks)
4. Prepare a program of work in a day care center for the age group of three to five years. (8 marks)

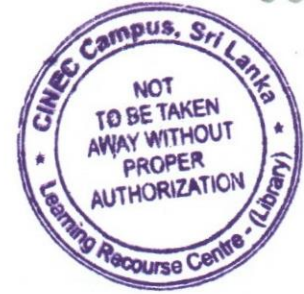
(20 marks)

Question 03

1. Explain "Social Capital". (2 marks)
2. How do you organize events for parental involvement in the pre-school? Explain 2 methods. (4 marks)
3. "Role of the community in pre-school development is important". Discuss. (6 marks)
4. "The teacher is the most significant factor in the whole programme of a pre-school". Explain this statement in relation to the role of a pre-school teacher. (8 marks)

(20 marks)

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



FINAL EXAMINATION QUESTION PAPER

CODE - QP

Approved for Quality Management System

EDUCATION & TRAINING COURSE : DIPLOMA IN EARLY CHILDHOOD EDUCATION

COURSE CODE: LC-0843

SUBJECT: HEALTH & NUTRITION

| | |
|--------------------------|-------------------------------|
| Faculty | Department / Section/Division |
| Humanities and Education | Education |

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|-----------------------------------|--|
| <i>INSTRUCTIONS TO CANDIDATES</i> | Date: 2022.08.14 |
| Total Marks = 100 | Duration of the examination = 02 hours |
| | Candidates could be disqualified if you violate examination rules. |
| | Candidates are not allowed to communicate with and disturb fellow candidates during the examination. |

PART - I

Answer all the questions given. Underline the most suitable answer.

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

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

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

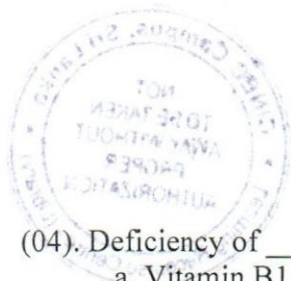
- a). Thyroid b). Liver c). Pancreas d). None of these

(03).



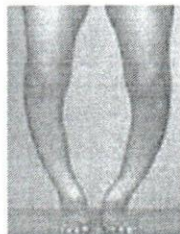
Identify the disease and name the deficiency that causes it?

- a. Kwashiorkar, caused due to deficiency of proteins
 b. Kwashiorkar, caused due to deficiency of proteins and carbohydrates
 c. Marasmus, caused due to deficiency of proteins
 d. Marasmus, caused due to deficiency of proteins and carbohydrates



(04). Deficiency of _____ causes Night blindness.
 a. Vitamin B1 b. Vitamin D c. Vitamin A d. Vitamin C

(05).



Deficiency of which nutrient leads to this disease?

- a. Vitamin A b. Vitamin D
 c. Vitamin C d. Vitamin C
- (06). Having iodized salt regularly in your food will help in the prevention of _____.
 a. Goitre b. Anaemia c. Rickets d. Diabetics
- (07). Stunted growth and stomach shrinkage are the symptoms of this deficiency disease.
 a. Kwashiorkor b. Marasmus c. Anemia d. Goiter
- (08). Having foods rich in this vitamin will prevent Beriberi disease.
 a. Vitamin A b. Vitamin C c. Vitamin B1 d. Vitamin D
- (09). If you suffer from Anemia, you should eat foods rich in _____.
 a. Vitamin A and C b. Calcium and Phosphorus
 c. Iron and Vitamin B12 d. Vitamin A and D
- (10). Lack of exposure to sunlight may lead to deficiency of this _____.
 a. Vitamin D b. Vitamin K
 c. Vitamin E d. Vitamin D
- (11). The key to good health is a _____.
 i. drink enough water ii. Regular exercises iii. Balanced diet iv. All these
- (12). If a person has weak and malformed bone what should take most.
 i. Vitamin D ii. Protein iii. Food contain Iron iv. Food contain Calcium
- (13). Preserving food
 i. Making food last longer ii. Increasing the nutritional value food
 iii. Making food edible iv. Increase the taste

- (14). The disease that became common for sailors because of long voyages without vitamin C in the diet was
i. Anemia ii. Herpes iii. Scurvy. iv. Ebola
- (15). Which one of the following groups of chemicals is not a food nutrient?
(a) proteins, (b) enzymes, (c) carbohydrates, (d) vitamins.
- (16). The teeth at the front of the mouth which are used for chopping are called:
(a) incisors, (b) canines, (c) premolars, (d) molars.
- (17). When proteins are completely broken down the end products are:
(a) glucose molecules, (b) glycerol molecules, (c) amino acids, (d) vitamins
- (18). What food does for you:
i. Provides energy for daily activity ii. Gives you raw material
iii Eating is an enjoyable activity for your body iv. All of the above
- (19). Osteoporosis effects what part of your body?
i. skin ii. Hair iii. Blood iv. Bones
- (20). A Food Nutritional Label will NOT tell you the...?
i. food group ii. serving size iii. calories iv. total fat

(Marks- 20)

PART II

Answer all the questions given.

(01).

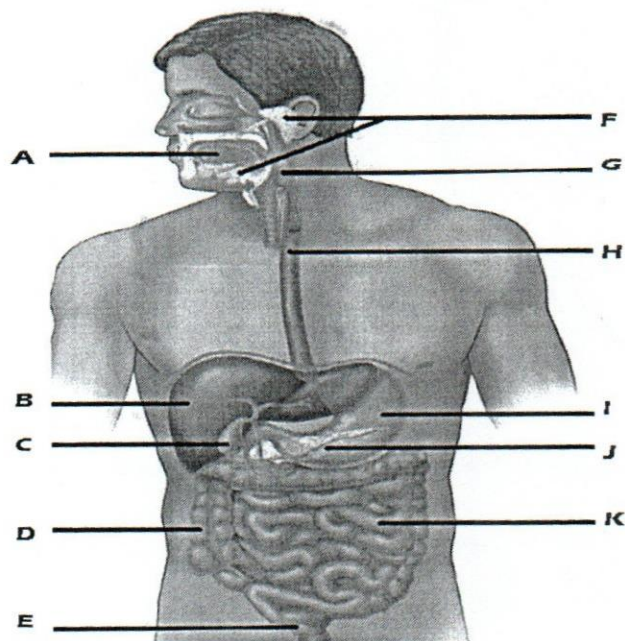
- i. What are infectious diseases? Give three examples.
- ii. List five good health habits?
- iii. List three minerals essential for body.
- iv. Name three noninfectious diseases,
- v. Name four diseases spread due to polluted water. (Marks- 20)

(02).

- i. Name five systems in the Human Body.
- ii. List three functions of Blood Circulatory system.
- iii. Write the path of food taken by mouth till waste pass away from body.
- iv. What are the ways diseases spread among people?
- v. Write five ways water gets polluted. (Marks- 20)

(03). Digestive system is one of the most important systems of the body.

- i. Label the parts from A-K 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)

- (04). i. List ten uses of water.
- ii. What are the three types of water available on earth?
 - iii. List ten ways that water gets polluted.
 - iv. Write ten possible ways we can prevent water pollution.
 - v. List five uses of plants.

(20 Marks)

- (05). i. What are the five sensory organs of the body?
- ii. What are some examples of fat-soluble vitamins?
 - iii. Name three vitamin deficiency symptoms.
 - iv. What are the components of a healthy diet?
 - v. What are the ways we get diseases?

(Marks- 20)



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FINAL EXAMINATION QUESTION PAPER
DEPARTMENTAL DOCUMENTED INFORMATION REFERENCE -QP

EDUCATION & TRAINING COURSE: DIPLOMA IN EARLY CHILDHOOD EDUCATION
COURSE CODE: LC- 843
SUBJECT: 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. |

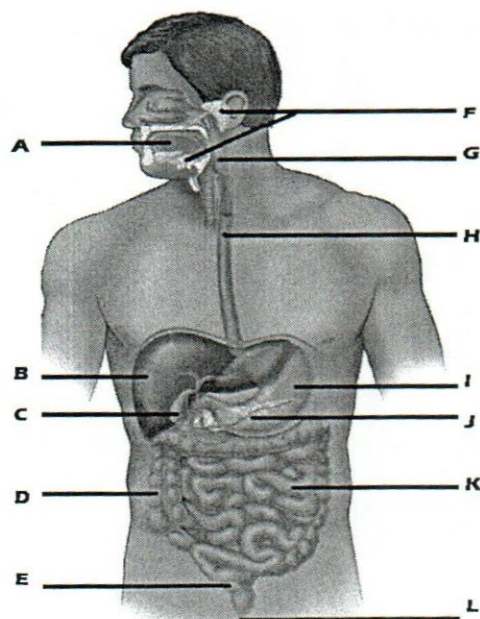
❖ Answer all questions given below.

(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 autotrophs? 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)