

SCIENCE AND TECHNOLOGY

1.0 INTRODUCTION

This examination format is designed to guide examiners on how to set examination items. The format covers all standard V, VI and VII from 2022 syllabus which is competence based. The general objectives, competences and examination contents included herein are in accordance with the current Science and Technology syllabus issued by the Ministry of Education and Vocational Training (MOEVT-2022)-Zanzibar.

2. 0 GENERAL SUBJECT LEARNING OUTCOMES

The Science and Technology examination will test the extent to which candidates have acquired the following learning outcomes: -

- 2.1 Make proper use of environmental education, hygiene and sanitation and scientific procedures for their body health and safety.
- 2.2 Integrate information, knowledge and skills from various ICT sources and apply them appropriately for personal and societal development.
- 2:3 Appreciate the importance of protection of the environment and engage in environmental protection activities to cope with climate changes for social development.

3.0 GENERAL OBJECTIVES OF PRIMARY EDUCATION

The general objectives of Primary Education in Zanzibar are as follows:

- i. To enable all children of school going-age develop and sustain strong foundation of skills in reading, witing, counting, creativity and communication in Kiswahili, English and other foreign languages.
- ii. To enable learners, understand the application of science and technology and recognize its contribution to national and international development.
- iii. To lay, develop and sustain in learners’ strong foundation of thinking skills and inquisitiveness in order to understand their environment and social relationship.
- iv. To enable the learners, understand how past events influence present events as well as future ones.

- v. To discover learners' talents from their early age in order to sustain and develop them.
- vi. To lay strong foundation of skills of observation, thinking and cooperation in solving problems which hinder their personal development and development of their society.
- vii. To prepare learners for joining secondary education.
- viii. To enable the learners, develop mental abilities and interests in continuous search for knowledge.
- ix. To familiarize learners with productive vocational activities and promotes their readiness for fulfilment of their social responsibilities.
- x. To promote learners' love for their environment and interest in environmental conservation.

4.0 EXAMINATION RUBRIC

There will be one paper of two hours and thirty minutes **(2:30)** duration. For students with special needs, the assessment duration will be three **(3:00)** hours. The paper will consist of three sections **A**, **B** and **C** with a total of sixteen (16) questions. Candidate will be required to answer ALL questions in section **A** and **B** and any three (3) questions in section **C**. The paper will carry 100 marks.

- 4.1 Section **A** will comprise of three (3) questions. The marks awarded for this section is twenty-five (25).
- 4.2 Question 1 will consist of ten (10) multiple choice items. Each item will carry one (01) mark.
- 4.3 Question two (2) will be a matching item question. It will consist of five items. Each item will carry one (01) mark.
- 4.4 Question three (3) will consist of ten (10) true or false items. Each item will carry one (01) mark.
- 4.5 Section **B** will consist of nine (9) short answer questions (4 – 12). Question number four (4) will be a filling the blanks question that will contain five (5) items with five marks. From question 5 to 12, each question will carry 5 marks to make a total of 45 marks for this section.

- 4.6 Section **C** will consist of four (4) long answer questions (13 -16). The Candidate will be required to answer **three** questions where by question thirteen (13) and fourteen (14) are compulsory. The total marks for each question will be ten to make a total of 30 marks.

5.0 EXAMINATION CONTENTS

The following topics will be assessed

- 5.1 Body health
- 5.2 Human body system
- 5.3 Animals
- 5.4 Plants
- 5.5 Communication devices
- 5.6 Soil
- 5.7 Water
- 5.8 Magnet
- 5.9 Light
- 5.10 Science Laboratory
- 5.11 Computing devices
- 5.12 Ms-Office Application
- 5.13 Internet
- 5.14 Machines
- 5.15 Electricity

6.0 TABLE OF SPECIFICATIONS FOR SCIENCE AND TECHNOLOGY

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