



**NESA** NATIONAL EXAMINATION  
AND SCHOOL INSPECTION  
AUTHORITY

**CAP – Partitioning and exterior  
cladding installation**

**T038**

**Wednesday, 21/7/2021**

**08:30 – 11:30 AM**

Names: .....

Index number: .....

**TVET NATIONAL EXAMINATION, RTQF LEVEL 5, 2020-2021**

**QUESTIONS and ANSWERS BOOKLET**

OPTION/TRADE: **CARPENTRY**

SUBJECT: **Partitioning and exterior cladding installation**

ACADEMIC YEAR: **2020-2021**

Read carefully the instructions on page (i) & (ii).

**FOR EXAMINER'S USE ONLY**

<b>QUESTIONS</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>Total</b>
<b>Marks</b>											
<b>QUESTIONS</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>	<b>Total</b>
<b>Marks</b>											
<b>QUESTIONS</b>	<b>21</b>	<b>22</b>	<b>23</b>	<b>24</b>	<b>25</b>	<b>26</b>	<b>27</b>	<b>28</b>	<b>29</b>	<b>30</b>	<b>Total</b>
<b>Marks</b>											

# TVET NATIONAL EXAMINATION, RTQF LEVEL 5, 2020-2021

## INSTRUCTIONS TO CANDIDATES: PART I (Answer Booklet)

1. A candidate should fill in the actual names and the index number on the cover of this questions and answer booklet on the provided place (Black Box).
2. It is illegal for a candidate to write any of his/her names, index number or a school name inside the answer booklet.
3. A candidate should check if all pages of the answer booklet are complete. No candidate should remove or tear any pages or part of it from the answer booklet.
4. A candidate should answer in the language in which the examination is set. (See page **(ii)**)
5. A candidate should sign on the sitting plan when submitting the answer booklet. He/she has also to check if the answer booklet is well sealed.
6. No extra paper is allowed in the examinations room. If a candidate is caught with it his/her results will be nullified.
7. No candidate is allowed to write answers not related to the subject being sat for, otherwise it will be considered as a cheating case.
8. Write your answers on the 12 lined pages (From page 1 of 12 to page 12 of 12).
9. Use the last non-lined pages as draft.
10. Results for any candidate who is caught in examination malpractices are nullified. The cheating can be recognized during examinations administration, marking exercise or even thereafter.



**TVET NATIONAL EXAMINATION, RTQF LEVEL 5, 2020-2021**

**OPTION/TRADE: CARPENTRY**

**Subject: Partitioning and exterior cladding installation**

**DURATION: 3 hours**

**INSTRUCTIONS TO CANDIDATES: PART II (Question Paper)**

The paper is composed of two (2) main Sections as follows:

**Section I: Attempt all the Twelve (12) questions (60 marks)**

**Section II: Attempt any Four (4) questions out of Six (6) (40 marks)**

**Allowed materials:**

-Ruler and square

-Calculator

**Note:**

***Every candidate is required to carefully comply with the provided assessment instructions.***

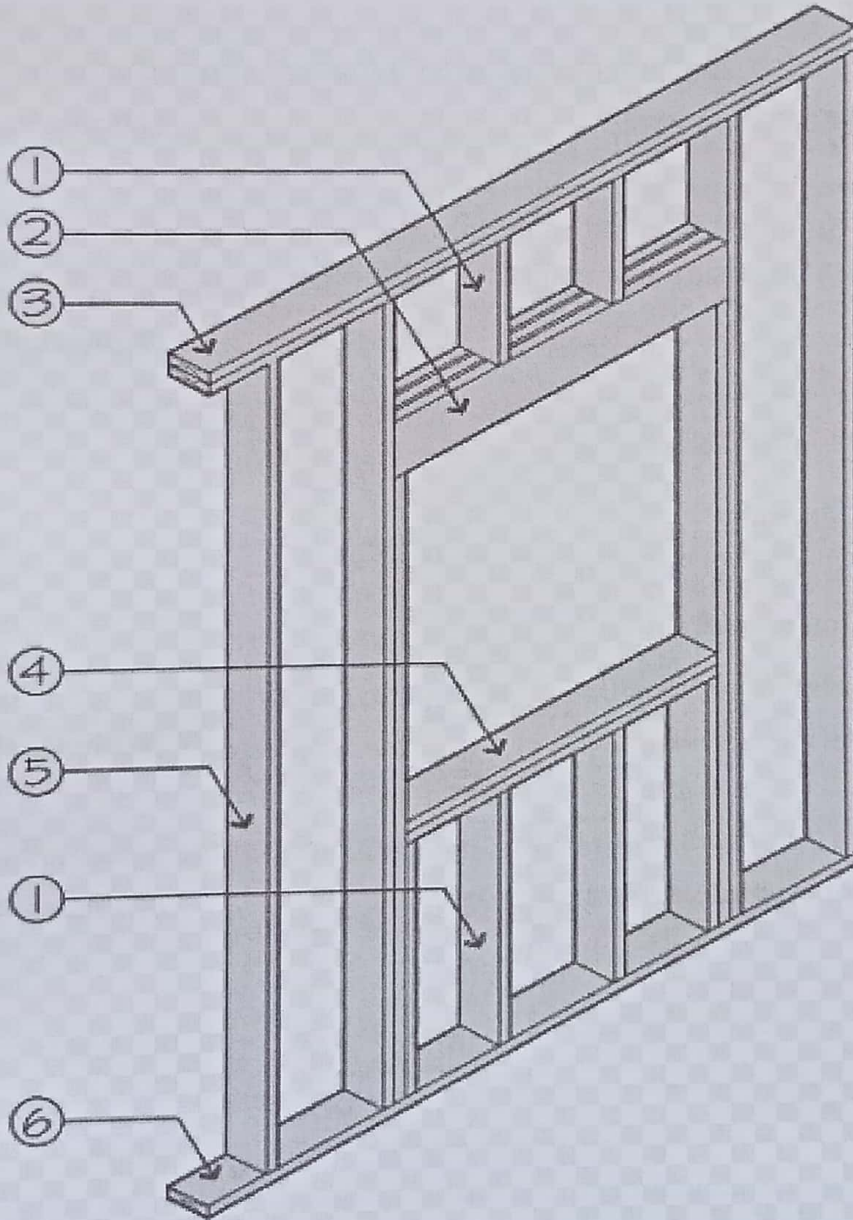
**Section I: Attempt all the Twelve (12) questions (60 marks)**

- 01.** Describe in detail the meaning of Exterior cladding. (5 marks)
- 02.** Calculate the number of square meters of match boarding required for covering both sides of a partition of 2.400m high by 4.28m long, 5 % extra for waste and cutting. (5 marks)
- 03.** Define the following terms:
- a) Plates
  - b) Noggins
  - c) Studs
  - d) Trimmer. (5 marks)
- 04. (a)** State at least two (2) names that can be given to studs according to its location.
- (b)** State at least three (3) classes of hand tools. (5 marks)
- 05.** State any five (5) types of plasterboard used in partition wall. (5 marks)
- 06.** Indicate any five (5) types of plywood. (5 marks)
- 07.** Differentiate non load bearing walls from load bearing wall. (5 marks)

- 08. (a)** List at least two (2) advantages of using GYPSUM in partitioning
- (b)** With neat sketch, state at least five (5) joints used in the construction timber stud partition. **(5 marks)**
- 09.** Identify any five (5) importance of insulation materials for making partitions. **(5 marks)**
- 10.** State at least five (5) advantages of timber partition wall. **(5 marks)**
- 11.** Depending upon the materials used to partition walls may be divided into different types, outline five (5) types of partition walls. **(5 marks)**
- 12.** A client has requested you to install a ceiling in conference room of the following dimensions: 5000 x 7000mm. Calculate the numbers required of plywood for recovering this conference room. **(5 marks)**

**Section II: Attempt any Four (4) questions out of Six (6) (40 marks)**

13. (a) Copy and show the names of the following image:



(b) Identify any four (4) heavy tasks of machines that can be used during partition wall construction. **(10 marks)**

14. During partition wall construction, the measuring is required:
- Identify the measuring methods and give one (1) example for each
  - List the steps involved in preparation of partition elements.
- (10 marks)**

15. With neat sketch, indicate at least five (5) types of board that can be used during partitioning.
- (10 marks)**

16. During partitioning different materials and tools are used. State five (5) materials and tools/equipment used in making partition wall.
- (10marks)**

17. Explain the terms below:

- Partition wall
- Ceiling
- Building insulation
- Load-bearing partition
- Pressure Washing.

**(10 marks)**

18. Outline five (5) processes to be followed for constructing a non-load bearing timber stud partitions.
- (10 marks)**



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