



# EXTERNAL INTEGRATED SUMMATIVE ASSESSMENT MAINTENANCE PLANNER EXEMPLAR 1B

STUDENT NAME & SURNAME	
ID NUMBER	
EISA REGISTRATION NUMBER	
ASSESSMENT CENTRE	
ASSESSMENT CENTRE	
ACCREDITATION NUMBER	
QUALIFICATION	Occupational Certificate: Maintenance Planner
SAQA ID	101874
CREDITS	261
PAPER	1B (there are 3 papers to be written: 1A; 1B and 1C)
DATE OF EISA	
DURATION	1 Hour
TOTAL MARKS	50

### **GENERAL EISA RULES**

- 1. Students are only allowed to use the supplied EISA booklets.
- 2. Students are only allowed to use a black pen for their answers.
- 3. Students to ensure that their name, surname and EISA registration number appears on the front of your EISA booklet.
- 4. This is a closed book examination; therefore, no other material or belongings are to be brought into the assessment centre. Should you bring any other material or belongings into the assessment centre, you will be required to leave such at the front of the assessment centre examination room. The assessment centre will not be held liable for any loss or damage to property brought into the assessment centre examination room.
- All EISA booklets must be handed back to the invigilator intact. No pages may be torn off from the EISA booklet. The removal of EISA booklets from the examination room is prohibited.
- 6. Students may make use of a calculator in this EISA.
- 7. Unless this is an online examination where access to a computer will be made available to you; the use of any communication devices, including smart watches, cell phones, tablets, i-Pads, headphones and laptops are prohibited.
- 8. All cell phones are to be switched off for the duration of the EISA.
- 9. The invigilator will not assist you with the explanation of questions related to the EISA.

- 10. Students are prohibited from conversing in any manner with other students.
- 11. Students may not leave the examination venue within one hour of the start of the examination and in the last 10 minutes of the allotted examination period.
- 12. Students who are found to be disruptive and unruly in the assessment centre will be requested to leave the assessment centre by the invigilator.

I HEREBY CONFIRM THAT I HAVE READ THE ABOVE EISA RULES AND DECLARE THAT I UNDERSTAND AND ACCEPT THE RULES.

### **CANDIDATE INSTRUCTIONS**

- Answer all questions.
- No reference of any kind is allowed. This includes the use of reference notes (in any
  form, cell phone, i-pad, watch, creep notes people etc.) during a test. Any unauthorised
  obtaining of tests or test information beforehand is prohibited. Any person who fails to
  comply with this might be subjected to disciplinary processes and/or any other action
  prescribed by law.
- Read the questions fully before answering them and ensure you understand them. You
  may ask for clarity from your invigilator when you are unsure.
- Make sure you have all you need before commencing writing, like pen paper, instruments, calculator, pencil etc. (whatsoever you will need).
- All answers must be written in black ink and drawings in pencil.
- Notify your invigilator of any special needs like illness, ailments or any problem that may
  disturb or hinder your writing of the EISA.
- Complete all your details fully on the front page and ensure you sign at the bottom of each page.
- All questions must be directed to the invigilator only, no student is allowed to communicate with other students during this assessment.
- The allocated time for the test is 1 Hour only and shall not be exceeded.
- Candidates must complete all questions in this EISA.
- Should you require additional space to complete your answer, please request additional
  paper from your invigilator. Ensure that you indicate your name, surname and EISA
  registration number at the top of the additional paper. Also ensure that the question
  number is clearly marked on your additional paper.

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# QUALIFICATION SAQA ID: 101874 ELO 4: Maintain Master Data

# **Question 1.1** Maintain Master Data.

**1.1.1** Computerized Maintenance Management Systems (CMMS) have different master data modules which are essential in maintenance planning.

Answer the following:

a)	List and explain the functions of master data modules that are in any Computerized Maintenance Management Systems (CMMS). List three (3) examples from any CMMS you are familiar with.

that you are familiar with.	intenance syst

b) Show by example how data is created and loaded in master data modules. From the list

c)	Explain when it is necessary to update master data. List one (1) example to explanswer.	ain your <b>(2)</b>
d)	Explain the importance of maintaining master data.	(2)

## **Question 1.1.2**

CMMS are essential in ensuring that there is available and reliable data to assist maintenance staff to execute maintenance tasks correctly and efficiently. Part of this data is loaded in CMMS in terms of how equipment may fail and the related root causes. You are required to identify any equipment / system / assembly you are familiar and answer the following questions:

Formulate the example of the breakdown of all c	components (tree /structure). (10

b) Show by example and determine functional failure, failure modes and far each component which will be for future use and guidance for maintenance. Show any equipment/components that you are familiar with.	ailure causes ce staff. (10)

Explain the process to determine task priority.

**TOTAL MARKS FOR THE EISA: 50** 

Question 1.1.3

(10)

# MARK ALLOCATION GRID (For use by the Assessor only)

QUESTION	MARK	MARKS AWARDED
1.1.1	20	
1.1.2	20	
1.1.3	10	
TOTAL QUESTION 1.1	50	
GRAND TOTAL	50	

OC: Maintenance Planner (101874)