

Examination
Model Based Testing
DIT848 / DAT260 / DAT261

Software Engineering and Management
Chalmers | University of Gothenburg

Wednesday June 1st, 2016

Time	08:30-12:30
Location	"Maskin"-salar (M-huset), Johanneberg
Responsible teacher	Gerardo Schneider (031-772 6073)
Contact during exam	Jan Schröder (031-772 61 79)
Total number of pages	9 (including this page)

Long exam (7.5 HEC)	Max score: 100 pts
Grade limits (7.5 HEC)	3 (G): at least 50 pts 4: at least 65 pts 5 (VG): at least 80 pts
Short exam (4.5 HEC)	Max score: 60 pts
Grade limits (4.5 HEC)	3 (G): at least 30 pts 4: at least 40 pts 5 (VG): at least 50 pts

NOTE: You should have a minimum number of points in each of the tasks in order to pass the exam; see more details in the next page.

ALLOWED AID:

- One book on testing
- 1 page containing student's own notes
- English dictionary
- **NOT ALLOWED:** Anything else not explicitly mentioned above (including additional books, other notes, previous exams, or any form of electronic device: dictionaries, agendas, computers, mobile phones, etc.)

PLEASE OBSERVE THE FOLLOWING:

- Motivate your answers (a simple statement of facts not answering the question is considered to be invalid);
- Start each task on a new paper;
- Sort the tasks in order before handing them in;
- Write your student code on each page and put the number of the task on **every** paper;
- Read carefully the section "ABOUT THE FORMAT OF THE EXAM" to identify whether you are supposed to do the "short" (4.5 HEC) or the "long" (7.5 HEC) exam.

ABOUT THE FORMAT OF THE EXAM:

Please note that the tasks you are supposed to solve depend on whether you are taking the “short” exam modality (corresponding to 4.5 HEC), or the “long” one (corresponding to 7.5 HEC). See more information below.

EXAM 4.5 HEC

Who is entitled to take the short (4.5 HEC) exam?

All GU students registered for the MBT course in 2015 or later.

All Chalmers students registered for the MBT course in 2016 (DAT261).

Content of the short (4.5 HEC) exam. The exam consists of **3** tasks (tasks 1-3).

Information on grading scale for the short (4.5 HEC) exam.

Each task is worth 20 points. In order to reach the level to pass with **3 (G)** you need **at least 30 points** out of the total, and **at least 5 points per task**. To pass with **4** you need **at least 40 points** out of the total, and **at least 7 points per task**.

In order to pass with distinction **5 (VG)** you need to reach **at least 50 points** out of the total, and you must score **at least 12 points per task**.

IMPORTANT: Note that you should have a minimum number of points in each of the 3 tasks in order to pass the exam, so avoid letting unanswered tasks.

EXAM 7.5 HEC

Who should take the long (7.5 HEC) exam?

All GU students **NOT** registered (nor re-registered) for the MBT course in 2015-2016.

All Chalmers students registered for the MBT course in 2015 or before (those registered with course code DAT260), and **NOT** registered in 2016.

Content of the long (7.5 HEC) exam. The exam consists of **5** tasks (tasks 1-5).

Information on grading scale for the long (7.5 HEC) exam.

Each task is worth 20 points. In order to reach the level to pass with **3 (G)** you need **at least 50 points** out of the total, and **at least 6 points per task**. To pass with **4** you need **at least 65 points** out of the total, and **at least 8 points per task**.

In order to pass with distinction **5 (VG)** you need to reach **at least 80 points** out of the total, and you must score **at least 14 points per task**.

IMPORTANT: Note that you should have a minimum number of points in each of the 5 tasks in order to pass the exam, so avoid letting unanswered tasks.