



Cambridge IGCSE™

INFORMATION AND COMMUNICATION TECHNOLOGY

0417/21

Paper 2 Practical Test A

May/June 2021

MARK SCHEME

Maximum Mark: 80

Published

This mark scheme is published as an aid to teachers and candidates, to indicate the requirements of the examination. It shows the basis on which Examiners were instructed to award marks. It does not indicate the details of the discussions that took place at an Examiners' meeting before marking began, which would have considered the acceptability of alternative answers.

Mark schemes should be read in conjunction with the question paper and the Principal Examiner Report for Teachers.

Cambridge International will not enter into discussions about these mark schemes.

Cambridge International is publishing the mark schemes for the May/June 2021 series for most Cambridge IGCSE™, Cambridge International A and AS Level components and some Cambridge O Level components.

This document consists of **17** printed pages.

Generic Marking Principles

These general marking principles must be applied by all examiners when marking candidate answers. They should be applied alongside the specific content of the mark scheme or generic level descriptors for a question. Each question paper and mark scheme will also comply with these marking principles.

GENERIC MARKING PRINCIPLE 1:

Marks must be awarded in line with:

- the specific content of the mark scheme or the generic level descriptors for the question
- the specific skills defined in the mark scheme or in the generic level descriptors for the question
- the standard of response required by a candidate as exemplified by the standardisation scripts.

GENERIC MARKING PRINCIPLE 2:

Marks awarded are always **whole marks** (not half marks, or other fractions).

GENERIC MARKING PRINCIPLE 3:

Marks must be awarded **positively**:

- marks are awarded for correct/valid answers, as defined in the mark scheme. However, credit is given for valid answers which go beyond the scope of the syllabus and mark scheme, referring to your Team Leader as appropriate
- marks are awarded when candidates clearly demonstrate what they know and can do
- marks are not deducted for errors
- marks are not deducted for omissions
- answers should only be judged on the quality of spelling, punctuation and grammar when these features are specifically assessed by the question as indicated by the mark scheme. The meaning, however, should be unambiguous.

GENERIC MARKING PRINCIPLE 4:

Rules must be applied consistently, e.g. in situations where candidates have not followed instructions or in the application of generic level descriptors.

GENERIC MARKING PRINCIPLE 5:

Marks should be awarded using the full range of marks defined in the mark scheme for the question (however; the use of the full mark range may be limited according to the quality of the candidate responses seen).

GENERIC MARKING PRINCIPLE 6:

Marks awarded are based solely on the requirements as defined in the mark scheme. Marks should not be awarded with grade thresholds or grade descriptors in mind.

Header

Name, centre number, candidate number right aligned 1 mark

centre number, candidate number

Triathlon Event Pack

Welcome to the Triathlon Event Pack. This event pack contains important safety information

Title entered accurately 1 mark
TN-title style applied - matches style defined in EV 2 1 mark
serif 34pt, centre, bold, italic, 0pt before 0pt after

provide a fun, enjoyable and
anyone taking part. We take
ed out and will be displayed

All our marshals and volunteers give their time freely and without their assistance we would not be able to run this event. Please obey their instructions and be polite to them; any abusive behaviour will result in immediate disqualification.

GENERAL

This is an international distance triathlon consisting of a 1500m open water swim, followed by a 40km bike ride and finishing with a 10km run along the seafront. The race cut off times for each component are:

- swim: 60 minutes
- bike: 1 hour 40 minutes
- run: 1 hour 20 minutes

It is your own responsibility to ensure that

Columns

Section break - applied to correct text 1 mark
2 columns, 1.5 cm column spacing 1 mark

worn around your left ankle throughout all three disciplines.

RACE BRIEFING

This is an important part of our safety procedures and attendance is compulsory for all competitors. The Race Briefing will take place in the transition area at 09:00 on the morning of the race. It will include any safety issues that may affect your race and any last minute changes to the course will be explained. Any athlete not present at this briefing will be disqualified.

Bullets

Bullets applied to correct data (any shape) 1 mark
Bullets indented 1.5 cm from left, single line space, 6pt after last item in list 1 mark

REGISTRATION

Race registration will take place in the Leisure Centre on Saturday morning from 06:00 to 08:45. If you arrive after this you will not be able to register or compete. All competitors must show a valid race licence or purchase a registration. You will be re registration form and emergency contact number.

You will be issued containing two ide numbers, one must b back whilst cycling and the other on your front whilst running. These race numbers must not be folded or modified in any way. Please enter any medical details on the reverse of your race number. This information is invaluable to the medical support staff in the unlikely event of an

RACE DETAILS

registered entrants will be able to

Paragraph text indent 1cm left and right margins 1 mark
3-4 pt black outside border applied 1 mark

2 page breaks removed maintaining paragraphs & spacing 1 mark
pg1 after ...before your start time. and pg2 ...safe to exit junctions.

will be refused entry.
bike, lay out your kit and make y
preparations at least 45 minutes before your start time.

Page break removed

Competitors will be allocated a swim wave and start time at registration. There will be a maximum of 100 starters in each wave. You must wear the swim hat issued

Footer

Automated page number centre aligned 1 mark

Name, centre number, candidate number

in your race pack which will have a unique colour for each start wave. You should be waterside and ready to start the race 15 minutes before your start time.

Swim Wave Details	Time	Swim Wave	Hat Colour
	10:30	1	Black
	10:45	2	Red
	11:30	3	Green
	11:10	4	Yellow
	11:20	5	Blue

to stop traffic or to tell you whether the road is clear, it is your responsibility to ensure that it is safe to exit junctions.

Page break removed

This is a non-drafting race. Drafting is cycling closer than two bike lengths behind the cyclist in front to gain an advantage from wind protection. Please obey the rules of the road and keep to the left, unless race signage indicates otherwise. Faster riders must be allowed to pass. Violation of this rule is blocking

High side of the water. Wetsuits, Short shorts, less protection, course with training, you get the swim back and air, stay close to your assistance.

Table

- Table complete and intact with *Distance* column and contents deleted 1 mark
- Column 1, rows 1-6 merged 1 mark
- Column 1, text rotated left 90° 1 mark
- Column 1, white text on black background 1 mark
- Column 1, text centred vertically and horizontally 1 mark
- All fits within column, text in columns 2, 3 and 4 on one line, 6pt below table 1 mark
- 1pt internal and external gridlines printed 1 mark
- TN-table style applied to columns 2, 3 and 4 only 1 mark

Please follow the Race Director's instructions for a safe swim start. All swimmers will step over the timing mats as they access the water from the transition area. Slower swimmers should keep to the back to avoid being swum over. Competitors may use any stroke to propel themselves through the water. Swim direction is anti-clockwise and the marker buoys should be kept on your left as you swim. Kayakers and the swimmers in the course. Anyone immediately disqualify will be marked by water and a ban After the swim in the change tent.



Image

- Image inserted in correct paragraph 1 mark
- Aligned to top of text, right of column, text wrapped 1 mark
- Image flipped so hand on left 1 mark
- Resized to 2.5 cm wide, aspect ratio maintained 1 mark

at all times.

RULES, REGULATIONS AND PENALTIES

These events are often crowded and require a significant amount of officiating to prevent chaos from erupting before, during, or after the race. Racing rules and regulations help to protect triathletes from the numerous hazards that exist whilst competing and are enforced to ensure everyone has a safe race. As a competitor it is your responsibility to know and correctly complete the full layout of the course, and to understand all the relating on the ng, a Time type rule next penalty box on the course. Failure to do so may result in disqualification.

Any form of outside assistance such as puncture repair, giving of drinks or other help by spectators, or coaching on the cycle or run is strictly forbidden and will result in immediate disqualification. Outside assistance can only be provided

The bike route is open to traffic. An approved cycle helmet must be worn. Helmet cameras or other video devices are not permitted. Marshals will be monitoring the route. They are there for directional and safety reasons and to assist in making approaching traffic aware of your presence. They are not permitted

Name, centre number, candidate number

by marshals or race-sanctioned aid volunteers who distribute food and water on the course. You are not allowed to use any equipment that acts as an impairment to hearing or concentration such as headphones or audio listening equipment. This carries a time penalty. Unsportsmanlike conduct, littering or abusive behaviour will result in instant disqualification. Full details of the competition rules can be downloaded from our website.

AFTER THE RACE

When you cross the finish line please move away to the post-race area as soon as possible so as not to hinder those athletes coming in behind you. Complimentary refreshments of water, sports drinks, fruit and sandwiches will be

We do hope your final preparations and training go to plan and we look forward to seeing you on race day. In the meantime if you have any questions or concerns please feel free to contact us via the website contact form.

available. A marshal will remove the timing chip from your ankle. Provisional results will be displayed live in the transition area. Full verified results will be posted on the website where you can download your timing splits. Please remove your bike, personal belongings and any rubbish from the transition area promptly.

The Prize Giving ceremony is scheduled to take place in the registration area at 17:00. This part of the day is a time to relax and have fun whilst acknowledging the great achievements of all entrants. All competitors who finish the race will get an individual medal and certificate to commemorate the event. There will be trophies for the overall winners and prizes will be awarded to the top three competitors in each category.

Page layout/presentation

No changes to TN-body text style

1 mark

Document complete/paragraphs intact, portrait, no large gaps between paragraphs, columns aligned at top, no widows/orphans, list/table/indented paragraph not split, no blank pages

1 mark

Title

Correct, 100% accurate

1 mark

Specified fields, correct order 1 mark

Sort ascending on *Nationality* then ascending on *Position* 1 mark

Portrait, all fields present, fits a single page only, no field truncation 1 mark

Oceania Results

Name, centre number, candidate number

First_Name	Last_Name	YOB	Nationality	Location	Outcome	Position
Brandon	Birtwhistle	1995	AUS	Hashiham	Complete	2
Ashleigh	Parry-Okeden	1991	AUS	Hashiham	Complete	4
Brandon	Birtwhistle	1995	AUS	Brekenhammer	Complete	5
Justin	Lachman	1990	AUS	Hashiham	Complete	7
Dani	Lamaro	1992	AUS	Brekenhammer	Complete	8
Tahlia	Auricht	1990	AUS	Hashiham	Complete	9
Sam	Wheelwright	1996	AUS	Hashiham	Complete	9
Justin	Lachman	1990	AUS	Hamsbridge	Complete	10
Hayley	Dugdale	1991	AUS	Hashiham	Complete	11
Hamish	Whitworth	1990	AUS	Hamsbridge	Complete	13
Dani	Lamaro	1992	AUS	Hashiham	Complete	14
Emma	Eames	1994	AUS	Brekenhammer	Complete	16
Emma	Eames	1994	AUS	Hashiham	Complete	17
Hamish	Whitworth	1990	AUS	Hashiham	Complete	19
Sam	Wheelwright	1996	AUS	Brekenhammer	Complete	19
Flynn	Marshall	1998	AUS	Hashiham	Complete	22
Hayley	Dugdale	1991	AUS	Brekenhammer	Complete	30
Brandon	Birtwhistle	1995	AUS	Hamsbridge	Complete	32
Tahlia	Auricht	1990	AUS	Brekenhammer	Complete	35
Lucas	Walkington	1993	AUS	Hamsbridge	Complete	36
Lucas	Walkington	1993	AUS	Brekenhammer	Complete	45
Theo	Cavanagh	1994	NZL	Hamsbridge	Complete	8
Anahera	Gillespie	1996	NZL	Hamsbridge	Complete	9
Sophia	Lee	1982	NZL	Hamsbridge	Complete	13
Isaac	Anderson	1988	NZL	Brekenhammer	Complete	13
Sophia	Lee	1982	NZL	Brekenhammer	Complete	18
Heidi	Keighley	1988	NZL	Hashiham	Complete	19
Corey	Buist	1997	NZL	Brekenhammer	Complete	22
Stephen	Fraser	1996	NZL	Hamsbridge	Complete	26
Bella	Dunn	1992	NZL	Brekenhammer	Complete	37

New record Sophia Lee, inserted only once, does not replace record Corey Buist, 1997 1 mark

New record accurate - Sophia | Lee | 1982 | NZL 1 mark

Select records (30):*Location* includes the text **ham** 1 mark*Nationality* is **AUS** or **NZL** 1 mark*Outcome* is **Complete** 1 mark

Title
Correct, 100% accurate 1 mark

Select records (39):
Position is >0 and <=5 1 mark
Gender is Female 1 mark

Calculated field
Heading 100% accurate 1 mark
Total Transition calculated - [T1]+[T2] 1 mark

Top Female Triathletes

First_Name	Last_Name	Location	Swim	T1	Bike	T2	Run	Wetsuit	Total_Transition	Position
Lina	Mertens	Hashiham	00:19:17	00:01:07	01:00:23	00:00:27	00:34:01	Yes	00:01:34	5
Elodie	Poitrenaud	Hamsbridge	00:19:02	00:01:08	01:00:38	00:00:27	00:36:12	Yes	00:01:35	5
Rebecca	Bergeron	Montezuma	00:20:11	00:00:59	01:03:01	00:00:26	00:36:17	No	00:01:25	5
Sydney	Timberlake	Brekenhammer	00:09:54	00:00:30	00:31:32	00:00:23	00:16:26	No	00:00:53	5
Sydney	Timberlake	Dukanda	00:19:28	00:00:42	00:57:43	00:00:24	00:35:00	No	00:01:06	5
Charlotte	Foster	Waipason	00:10:02	00:00:53	00:28:44	00:00:28	00:17:05	No	00:01:21	5
Carolina	Silva	Khemed	00:09:14	00:00:55	00:31:37	00:00:24	00:17:31	No	00:01:19	5
Yui	Nakamura	Torrego	00:19:56	00:00:36	01:07:37	00:00:21	00:37:19	No	00:00:57	5
Ingegerd	Kaufmann	Brekenhammer	00:09:59	00:00:33	00:31:21	00:00:22	00:16:30	No	00:00:55	4
Saskia	Timmermany	Hamsbridge	00:18:59	00:01:12	01:00:36	00:00:27	00:36:12	Yes	00:01:39	4
Danielle	Stewart	Waipason	00:09:33	00:00:56	00:29:11	00:00:29	00:17:02	No	00:01:25	4
Sydney	Timberlake	Torrego	00:19:41	00:00:36	01:07:54	00:00:22	00:37:06	No	00:00:58	4
Sydney	Timberlake	Khemed	00:09:22	00:00:55	00:32:24	00:00:22	00:17:57	No	00:01:17	4
Lina	Schneider	Dukanda	00:19:50	00:00:42	00:57:23	00:00:27	00:34:33	No	00:01:09	4
Ashleigh	Parry-Okeden	Hashiham	00:19:15	00:01:05	01:00:24	00:00:27	00:33:55	Yes	00:01:32	4
Jessica	Williams	Montezuma	00:20:12	00:00:59	01:03:01	00:00:27	00:35:48	No	00:01:26	3
Ashleigh	Hughes	Hashiham	00:18:52	00:01:08	00:59:32	00:00:26	00:34:46	Yes	00:01:34	3
Jasmine	Joyner	Dukanda	00:19:28	00:00:41	00:57:42	00:00:27	00:34:16	No	00:01:08	3
Jasmine	Joyner	Brekenhammer	00:09:54	00:00:32	00:31:30	00:00:26	00:16:17	No	00:00:58	3
Jasmine	Joyner	Hamsbridge	00:18:06	00:01:07	01:01:32	00:00:29	00:35:50	Yes	00:01:36	3
Dani	Lamaro	Khemed	00:09:13	00:00:54	00:31:37	00:00:25	00:17:07	No	00:01:19	3
Jasmine	Joyner	Torrego	00:19:59	00:00:38	01:07:32	00:00:22	00:34:52	No	00:01:00	3
Jessica	Williams	Waipason	00:09:47	00:00:53	00:29:00	00:00:26	00:17:00	No	00:01:19	3
Ashleigh	Parry-Okeden	Waipason	00:10:13	00:00:55	00:28:32	00:00:28	00:16:53	No	00:01:23	2
Victoria	Sheeran	Dukanda	00:19:27	00:00:44	00:57:41	00:00:21	00:33:51	No	00:01:05	2
Victoria	Sheeran	Torrego	00:19:57	00:00:37	01:07:37	00:00:26	00:34:46	No	00:01:02	2

Name, centre number, candidate number displays in report footer, on every page, no other data 1 mark

Specified fields, correct order 1 mark
Landscape, one page wide, all base fields, no truncation 1 mark
Sort descending order of *Position* 1 mark

Name, centre number, candidate number

0417/21

Cambridge IGCSE – Mark Scheme

PUBLISHED

First_Name	Last_Name	Location	Swim	T1	Bike	T2	Run	Wetsuit	Total_Transition	Position
Danielle	Stewart	Khemed	00:09:06	00:00:54	00:31:44	00:00:24	00:17:05	No	00:01:18	2
Jasmine	Joyner	Hashiham	00:18:38	00:01:04	00:59:49	00:00:27	00:34:03	Yes	00:01:31	2
Jasmine	Joyner	Montezuma	00:19:09	00:00:57	01:04:09	00:00:27	00:35:12	No	00:01:24	2
Jessica	Williams	Hamsbridge	00:19:06	00:01:13	01:00:23	00:00:25	00:35:43	Yes	00:01:38	2
Lina	Schneider	Brekenhammer	00:09:59	00:00:37	00:31:23	00:00:29	00:16:09	No	00:01:06	2
Saskia	Timmermany	Khemed	00:09:18	00:00:54	00:31:33	00:00:21	00:16:54	No	00:01:15	1
Laurine	Moitessier	Brekenhammer	00:09:29	00:00:30	00:31:59	00:00:22	00:15:48	No	00:00:52	1
Victoria	Sheeran	Hamsbridge	00:18:20	00:01:13	01:01:13	00:00:27	00:35:21	Yes	00:01:40	1
Victoria	Sheeran	Waipason	00:09:45	00:00:55	00:29:00	00:00:28	00:16:41	No	00:01:23	1
Victoria	Sheeran	Montezuma	00:19:53	00:01:01	01:03:18	00:00:25	00:34:54	No	00:01:26	1
Lucarina	Simmons	Torrego	00:19:38	00:00:36	01:06:32	00:00:23	00:34:29	No	00:00:59	1
Lucarina	Simmons	Hashiham	00:18:34	00:01:07	00:59:50	00:00:29	00:33:27	Yes	00:01:36	1
Ashleigh	Parry-Okeden	Dukanda	00:19:56	00:00:41	00:57:16	00:00:26	00:33:44	No	00:01:07	1

Number of competitors

39

Amended record:

Correct record amended, all 3 changes 100% accurate 1 mark

- Calculates correct number of records, positioned end of report, integer display 1 mark
- Label 100% accurate, left of value 1 mark
- Display - all times display hh:mm:ss, Wetsuit displays Yes/No 1 mark

Name, centre number, candidate number

Task 4 – Mail merge

- Merge Fields inserted** – Placeholders and <> replaced
- Fields «Name» | «Country» | «Total_Time» in correct position 1 mark
 - Fields «Overall_Pos» | «Male_Female» | «Gender_Pos» in correct position 1 mark
 - Fields «Swim» | «T1» | «Bike» | «T2» | «Run» in correct position 1 mark
 - Master doc printed, all fields correct spacing with position and punctuation maintained, *Total_Time* formatting maintained (bold, 18pt font, centred) 1 mark

Certificate of Achievement

Congratulations to:




«Name», representing «Country»

who completed the Hamsbridge Triathlon on { DATE \@ "dddd, dd MMMM yyyy" * MERGEFORMAT }, finishing the distance in a total time of:

«Total_Time»

Overall placement: «Overall_Pos» out of 101 competitors

«Male_Female» placement: «Gender_Pos»

VERIFIED TIMING SPLITS		
	SWIM	«Swim»
	Transition 1	«T1»
	BIKE	«Bike»
	Transition 2	«T2»
	RUN	«Run»

Race Director: Awarded on:

Name, centre number, candidate no in footer 1 mark

Name, centre number, candidate number

Result of merge – correct 3 certificates printed –
Alexia Blanchard, Alina Mullner, Haruka Okada only 1 mark

HAMSBRIDGE TRIATHLON

Certificate of Achievement

Congratulations to:




Alexia Blanchard, representing **France**

who completed the Hamsbridge Triathlon on Wednesday, 21 April 2021, finishing the distance in a total time of:

01:47:07

Overall placement: **6** out of 101 competitors

Female placement: **2**

VERIFIED TIMING SPLITS		
	SWIM	00:17:26
	Transition 1	00:01:09
	BIKE	00:55:59
	Transition 2	00:00:27
	RUN	00:32:06

Race Director:Awarded on:

Name, centre number, candidate number

HAMSBRIDGE TRIATHLON

Certificate of Achievement

Congratulations to:




Alina Mullner, representing **Austria**

who completed the Hamsbridge Triathlon on Wednesday, 21 April 2021, finishing the distance in a total time of:

01:47:16

Overall placement: **8** out of 101 competitors

Female placement: **3**

VERIFIED TIMING SPLITS		
	SWIM	00:18:01
	Transition 1	00:01:04
	BIKE	00:55:35
	Transition 2	00:00:25
	RUN	00:32:11

Race Director: Awarded on:

Name, centre number, candidate number

HAMSBRIDGE TRIATHLON

Certificate of Achievement

Congratulations to:



Haruka Okada, representing **Japan**

who completed the Hamsbridge Triathlon on Wednesday, 21 April 2021, finishing the distance in a total time of:

01:46:13

Overall placement: **3** out of 101 competitors

Female placement: **1**

VERIFIED TIMING SPLITS		
	SWIM	00:17:15
	Transition 1	00:01:02
	BIKE	00:56:15
	Transition 2	00:00:25
	RUN	00:31:16

Race Director: Awarded on:

Name, centre number, candidate number

Task 5 – Presentation

Presentation complete – slides imported, title/bullet layout, no blank slides, no text changed, no overlap on any slide, Slide 1 - name inserted after colon	1 mark
Master slide – slide number top right <i>name, centre number, candidate number</i> anywhere	1 mark
Slide <i>History of Triathlons</i> and <i>Super Sprint Triathlon</i> deleted	1 mark

1

Triathlon Endurance Races

- Overview presented by: Candidate Name

Name, centre number, candidate number

2

Market Analysis

Triathlon registrations by age

Age Group	Percentage
Age 55+	10%
Age <18	8%
Age 18-34	24%
Age 35-54	58%

Name, centre number, candidate number

- industry growth rate 15% per annum
- over 13,000 official triathlon events held globally every year
- TV coverage in 160 countries, global viewing audience of 207 million
- large, affluent base of participating athletes, average age 42, spending \$3845.62 per year on the sport

Chart in correct position, to left of bullets on <i>Market Analysis</i> slide	1 mark
Pie chart created, correct data for <i>Triathlon</i> only	1 mark
Chart title <i>Triathlon registrations by age</i> – 100% accurate	1 mark
Sector labels for each age group displayed	1 mark
Sector labels for percentage displayed	1 mark
Labels and percentages displayed outside each sector, no legend	1 mark
Largest segment <i>Age 35–54</i> only pulled away from chart	1 mark
Slides 1 to 4 only printed with 2 slides to page	1 mark

16/11/2020

3

Sprint Triathlon

- Swim: 750m - Bike: 20km - Run: 5km
- shortest option at many events
- provides a gateway into the sport for novices
- training less demanding and disruptive to lifestyle
- good completion time - under 90 minutes
- elite male time: 00:57:23
- elite female time: 01:03:00
- race cut-off time - 2 hours 15 mins

Name, centre number, candidate number

4

International Triathlon

- Swim: 1.5km - Bike: 40km - Run: 10km
- accepted as the 'standard' triathlon distance
- became an Olympic sport at the Sydney Games in 2000
- good completion time - under 3 hours
- elite male time: 01:46:25
- elite female time: 01:58:56
- race cut-off time - 4 hours

Name, centre number, candidate number

2

EVIDENCE DOCUMENT

Step 1 – EVIDENCE 1

File saved as EVPACK with evidence of correct file type 1 mark

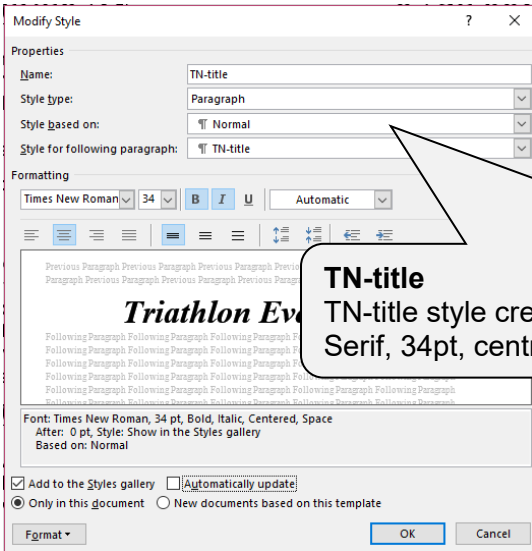
EVPACK.docx

29/03/2019 14:53

Microsoft Word Document

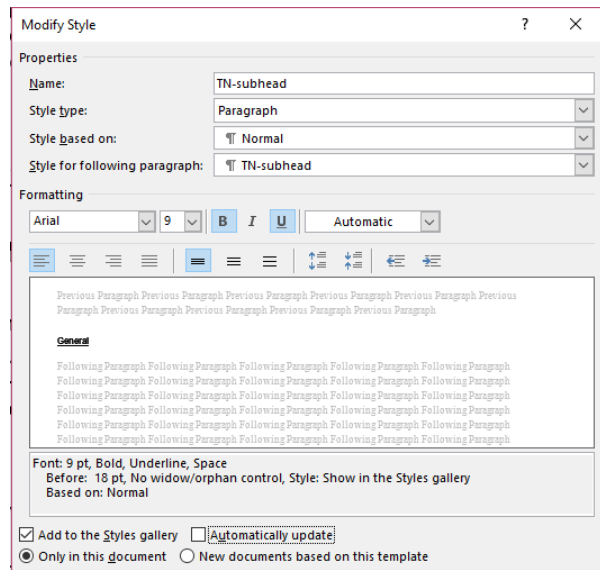
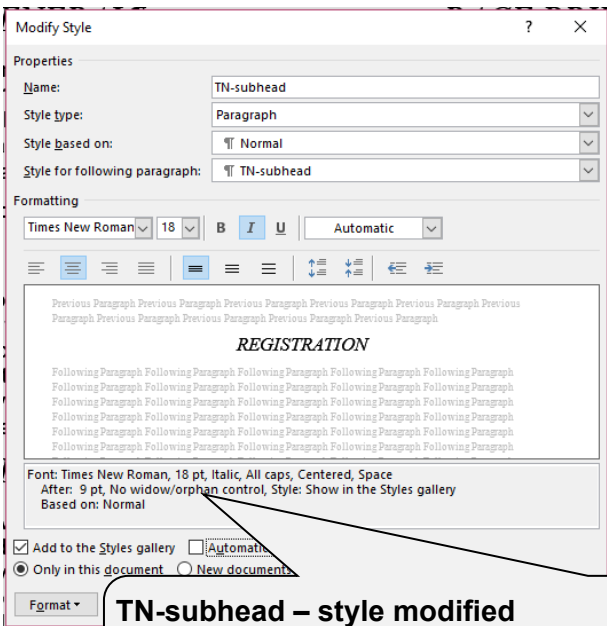
25 KB

Step 5 – EVIDENCE 2



TN-title
TN-title style created, named correctly, based on normal/default 1 mark
Serif, 34pt, centre, bold and italic, single, 0pt before and after 1 mark

Step 8 – EVIDENCE 3



TN-subhead – style modified
Style modified, based on Normal/Default 1 mark
Serif, 18pt, italic, all capitals, centred, 9pt after, 0pt before, single line spacing 1 mark

Step 15 – EVIDENCE 4

J2121ATHLETE	
Field Name	Data Type
Last_Name	Short Text
First_Name	Short Text
Athlete_ID	Number
Nationality	Short Text
YOB	Number
Gender	Short Text

DB Structure – J2121ATHLETE table
 All field names and data types as given 1 mark
 Athlete_ID set as a primary key 1 mark

J2121EVENTS	
Field Name	Data Type
Event_ID	Short Text
Location	Short Text
Country	Short Text
Date	Date/Time
Swim(M)	Number
Bike(KM)	Number
Run(KM)	Number
Water_Temp	Number
Air_Temp	Number
Wetsuit	Yes/No
Race_Director	Short Text
IOC_Code	Short Text

DB Structure – J2121EVENTS table
 All field names and data types as given 1 mark
 Event_ID field as primary key 1 mark

J2121RESULTS	
Field Name	Data Type
Event_ID	Short Text
Athlete_ID	Number
Start_No	Number
Swim	Date/Time
T1	Date/Time
Bike	Date/Time
T2	Date/Time
Run	Date/Time
Outcome	Short Text
Position	Number
Total_Time	Date/Time

DB Structure – J2121RESULTS table
 All field names and data types as given 1 mark
 no primary key set 1 mark

Step 16 – EVIDENCE 5

Table/Query: J2121ATHLETE Related Table/Query: J2121RESULTS
 Athlete_ID Athlete_ID
 Enforce Referential Integrity
 Cascade Update Related Fields
 Cascade Delete Related Records
 Relationship Type: One-To-Many

Table/Query: J2121EVENTS Related Table/Query: J2121RESULTS
 Event_ID Event_ID
 Enforce Referential Integrity
 Cascade Update Related Fields
 Cascade Delete Related Records
 Relationship Type: One-To-Many

1-to-Many relationship - Athlete_ID - athlete table and Athlete_ID - results table 1 mark
 1-to-Many relationship - Event_ID - event table and Event_ID - results table 1 mark

Step 20 – EVIDENCE 6

Report Footer

Number of competitors	=Count(*)
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Screenshot evidence of database formula to calculate the number of competitors 1 mark

Step 22 - EVIDENCE 7

Field properties: Date formats: dddd, dd MMMM yyyy

Field options: Use the Hijri/Lunar calendar

Description: Today's date

{ DATE \@ "dddd, dd MMMM yyyy" * MERGEFORMAT }

Evidence of date field to insert correct, today's, date, formatting dddd, dd MMMM yyyy 1 mark

Step 23 – EVIDENCE 8

Query Options

Filter Records

Field:	Comparison:	Compare to:
Male_Female	Equal to	Female
Gender_Pos	Less than or equal	3

Mail Merge selection
 Evidence of automated filter to select
 Male_Female = Female
 Gender_Pos - <=3 1 mark

Step 33 - EVIDENCE 9

Sound: J2121CHEER.wav

Duration: 01.00

On Mouse Click:

After: 00:00.00

Sound file J2121CHEER.wav attached to Ironman Triathlon slide 1 mark
 Screenshot evidence of audio set to play automatically 1 mark