

FOR OFFICIAL USE



X033/11/01

NATIONAL QUALIFICATIONS 1.00 PM - 3.30 PM 2013

TUESDAY, 21 MAY

GRAPHIC COMMUNICATION **INTERMEDIATE 2**

гu	Il name of centre Town	
Fo	rename(s) Surname	
Da	te of birth	
	Day Month Year Scottish candidate number Num	nber of seat
70	marks are allocated to this name	
	marks are allocated to this paper	
1	Answer all questions.	
1 2 3	Answer all questions.	
2	Answer all questions. Read each question carefully before you answer.	
2 3	Answer all questions. Read each question carefully before you answer. Written answers may be in ink or pencil .	
2 3 4	Answer all questions. Read each question carefully before you answer. Written answers may be in ink or pencil . Drawings and sketches must be in pencil .	

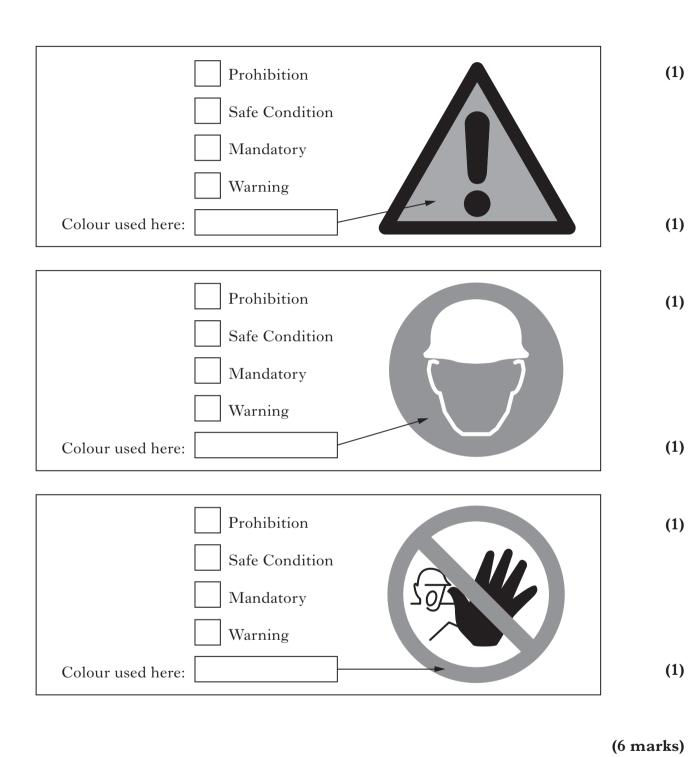


Question	Marks
1	
2	
3	
4	
5	
6	
7	
8	
Total Marks	



The safety symbols below are displayed in commonwealth games construction sites.

In the positions indicated, tick () the type of safety symbol shown and state the appropriate safety colour which should be used.



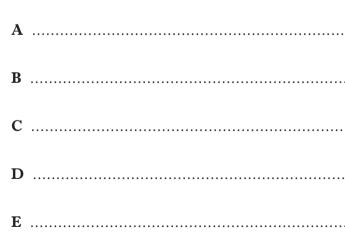
A CAD floor plan for a sports changing facility is shown below. State the name of the BSI symbol shown at **A**, **B**, **C**, **D** and **E**. A 0 Ο Ο О \bigotimes

2

0

Ο

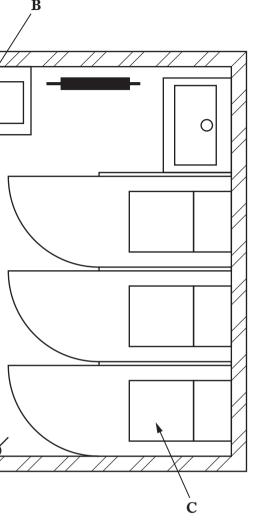
Ε



D

[X033/11/01]

1

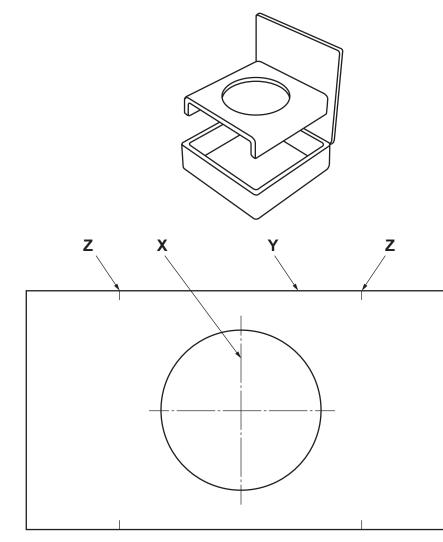


 (1)
 (1)
 (1)
 (1)
 (1)

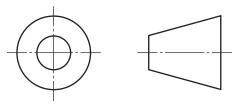
(5 marks)

3

A medal box and plastic insert are shown below. The surface development of the plastic insert is also shown.



- Identify, according to British Standards, the two line types shown. (a)
 - Χ..... Υ.....
- Add, according to British Standards, the two missing fold lines marked at **Z**. (1) *(b)*
- State the name of the British Standard symbol shown below. (c)



.....

(2)

4 A Commonwealth Games flyer has been produced for the track cycling events.

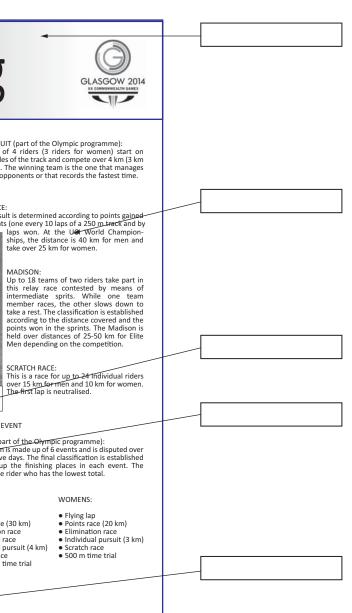
Track Cycling

Track racing dates back to the end of the century. The first World championships 1895. Track cyclists are powerful athlet with far more muscle bulk than "road race	were held in es, generally	TEAM PURSUI Two teams of opposite sides for women). T to catch its op
SPRINT EVENTS		to cutch its op
INDIVIDUAL SPRINT (part of the olympic Qualification consists of flying start 200 n These are followed by knockout heats of best two riders fight it out in the final. Som will come to a standstill in an effort to make their opponent take the lead, which is the least advantageous position before the final sprint to the finish line.	n time trials. 2-3 laps. The	POINTS RACE: The final resul during sprints
TEAM SPRINT (part of the Olympic programme): This speciality is raced by teams of three riders over three laps of the track (for women, 2 riders over 2 laps). Each rider leads for a lap before dropping back. After the heats, the 2 best teams line up to contest the final. Those who registered the 3rd and 4th fastest times meet up in a B final which decides the last place available on the podium.	shotto	
KILOMETRE (or 500 m for women): This is an idividual time trial from a standing start. The competitor with the fastest time is the winner.	Cycling will take Sir Chris Hoy Velo	
KEIRIN (part of the Olympic programme): Keirin racing originated in Japan. Between 3 compete in a sprint race of 600-700 m followed in the slipsteam of a pacing moto first 1.400 m. The motorbike gradually i speed from 30 to 50 km/h (25 to 45 km/h f	after having orbike for the ncreases the	COMBINED EV OMNIUM (par The Omnium 1 2 consecutive by adding up winner is the r
ENDURANCE EVENTS		MENS:
INDIVIDUAL PURSUIT: Two riders start on opposite sides of th compete over 4 km (3 km for women). The rider who manages to catch his/her oppo records the fastest time.	winner is the	 Flying lap Points race (Elimination Individual ra Individual pi Scratch race Kilometre ti
	GLASGOW	2014 🚽

Label the flyer to show the Desktop Publishing and Illustration terms below.

- (a)Column
- *(b)* Footer
- Gradient Fill *(c)*
- Gutter (d)
- Caption *(e)*

[X033/11/01]



(1)	
(1)	
(1)	
(1)	
(1)	
(5 marks)	

5

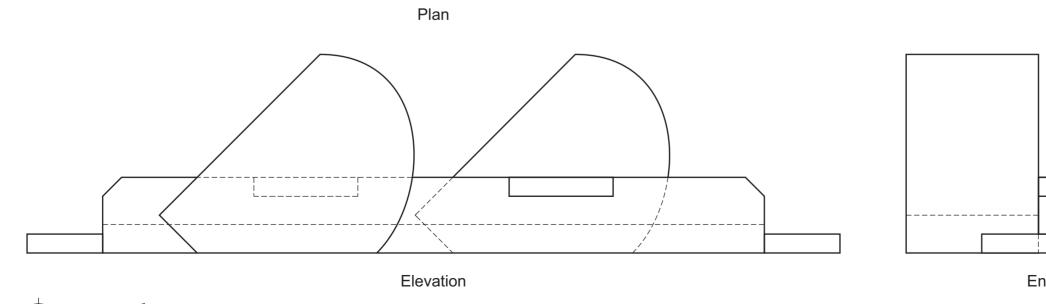
The elevation and end elevation of a pair of running starting blocks are given below.

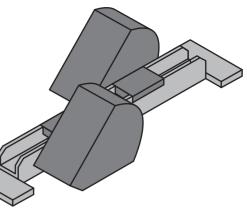
A pictorial view is also shown.

Draw, in the position indicated, the plan.

Show all hidden detail.

(12 marks)

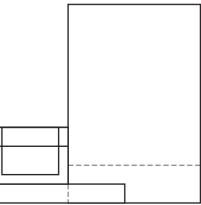




Pictorial View

а	
b	
С	
d	
е	
f	
g	
h	
i	
j	
k	
l	
т	
n	

5)





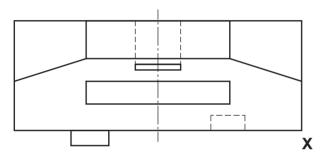
The elevation, end elevation and plan of a digital stopwatch are given.

Draw an isometric view in the position indicated.

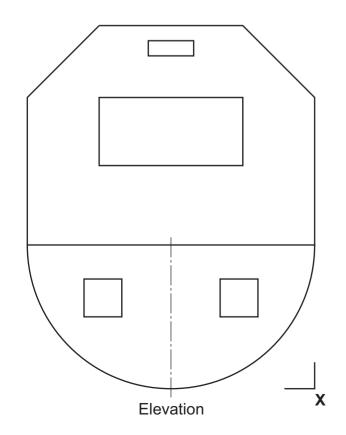
Do not show hidden detail.

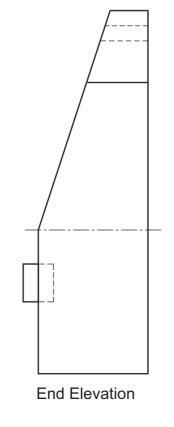
6

(14 marks)

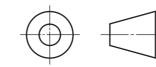


Plan





Isometric View



Candidate's Name

 $\checkmark_{\mathbf{X}}$



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с	
d	
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k	
l	
m	
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The elevation and incomplete plan of a commonwealth torch design are given. A pictorial view is also shown.

Draw, full size, in the positions indicated:

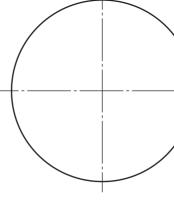
- (*a*) the completed plan;
- (*b*) the end elevation;

7

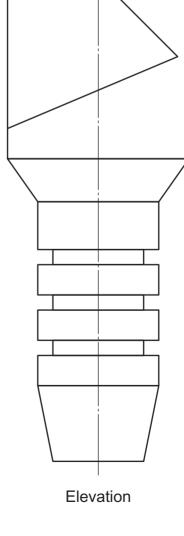
(c) the surface development of the lens protection sticker.

Show all hidden detail.

(12 marks)

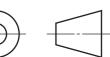






Development of Lens Protection Sticker

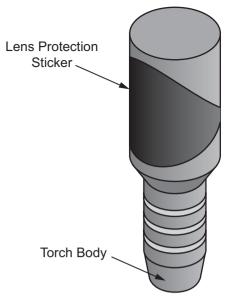
[X033/11/01]



End Elevation

Candidate's Name _





Pictorial View

а	
b	
С	
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l	
т	
п	

Pedal Plate

Orthographic views of three component parts which make up a pedal of a racing bicycle are given.

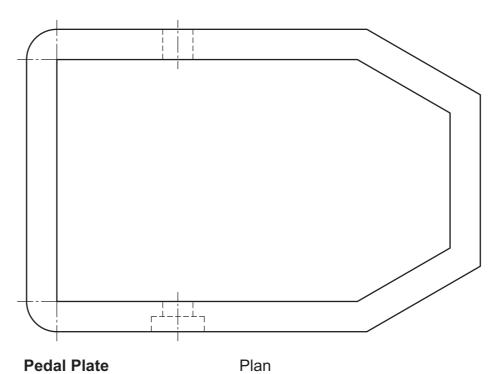
An exploded pictorial view is also shown.

8

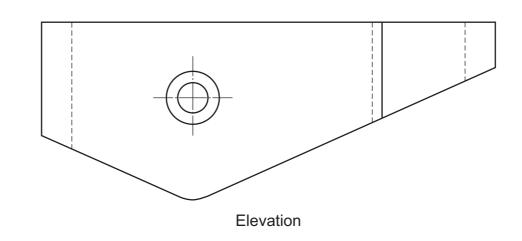
Draw, full size, in the position indicated:

- (a) the completed elevation of the assembled bicycle pedal; Show all hidden detail.
- (b) the sectional plan on **A-A** of the assembled bicycle pedal. Do not show hidden detail. (12 marks)

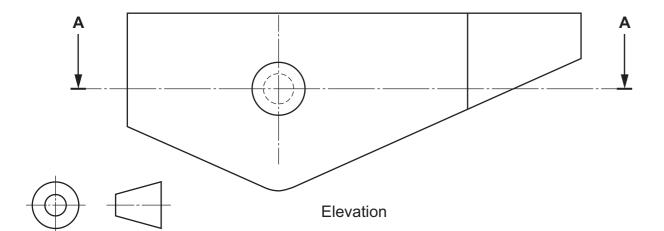
Pin End Elevation Elevation



Pedal Plate



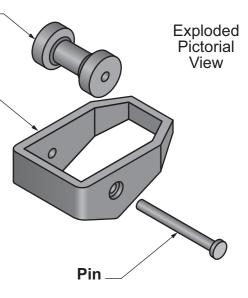




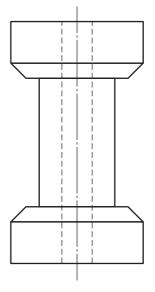
[X033/11/01]

[END OF QUESTION PAPER]



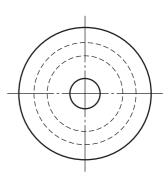


	-
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n	



Plan

Pedal Support



Elevation

ACKNOWLEDGEMENTS

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