1

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.

Prohibition	(1)
Safe Condition	
Mandatory	
Warning	
Colour used here:	(1)
Prohibition	(1)
Safe Condition	
Mandatory	
Warning	
Colour used here:	(1)
Prohibition	(1)
Safe Condition	
Safe Condition Mandatory	
Warning	
Colour used here:	(1)

2

(6 marks)

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.

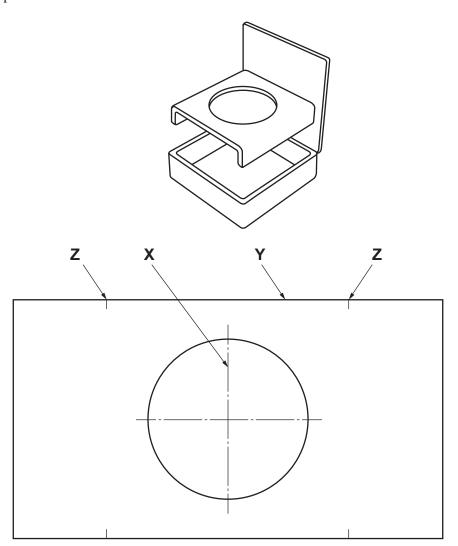
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A	Ď		Ċ

L	D	C	
	A		(1
	В		(1
	C		(1
	D		(1
	E		(1

(5 marks)

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



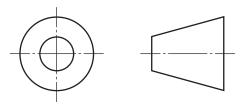
(a) Identify, according to British Standards, the two line types shown.

X

Y (2)

(b) Add, according to British Standards, the two missing fold lines marked at **Z**. (1)

(c) State the name of the British Standard symbol shown below.



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(1) (1 m o elso)

4 marks)

[X033/11/01]

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

Track Cycl	ing GLASGOW 2014	
Track racing dates back to the end of the nineteenth century. The first World championships were held in 1895. Track cyclists are powerful athletes, generally with far more muscle bulk than "road racers". SPRINT EVENTS	TEAM PURSUIT (part of the Olympic programme): Two teams of 4 riders (3 riders for women) start on opposite sides of the track and compete over 4 km (3 km for women). The winning team is the one that manages to catch its opponents or that records the fastest time.	
INDIVIDUAL SPRINT (part of the olympic programme): Qualification consists of flying start 200 m time trials. These are followed by knockout heats of 2-3 laps. The best two riders fight it out in the final. Sometimes riders 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.	POINTS RACE: The final result is determined according to points gained during sprints (one every 10 laps of a 250 m.track and by laps won. At the User World Championships, the distance is 40 km for men and take over 25 km for women.	
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.	MADISON: Up to 18 teams of two riders take part in this relay race contested by means of intermediate sprits. While one team member races, the other slows down to take a rest. The classification is established according to the distance covered and the points won in the sprints. The Madison is held over distances of 25-50 km for Elite Men depending on the competition.	
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 tal Sir Chris Hoy Vo	SCRATCH RACE: This is a race for up to 24 Individual riders over 15 km for men and 10 km for women. The first lap is neutralised.	
KEIRIN (part of the Olympic programme): Keirin racing originated in Japan. Between 3 and 7 riders compete in a sprint race of 600-700 m after having followed in the slipsteam of a pacing motorbike for the first 1.400 m. The motorbike gradually increases the speed from 30 to 50 km/h (25 to 45 km/h for women).	COMBINED EVENT OMNIUM (part of the Olympic programme): The Omnium is made up of 6 events and is disputed over 2 consecutive days. The final classification is established by adding up the finishing places in each event. The winner is the rider who has the lowest total.	
ENDURANCE EVENTS INDIVIDUAL PURSUIT: Two riders start on opposite sides of the track and compete over 4 km (3 km for women). The winner is the rider who manages to catch his/her opponent or who records the fastest time.	MENS: • Flying lap • Points race (30 km) • Elimination race • Individual race • Individual pursuit (4 km) • Scratch race • Kilometre time trial • WOMENS: • Flying lap • Points race (20 km) • Elimination race • Individual pursuit (3 km) • Scratch race • 500 m time trial	_
GLASGO	W 2014 -	

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

(a)	Column	(1)
(b)	Footer	(1)
(c)	Gradient Fill	(1)
(<i>d</i>)	Gutter	(1)
(e)	Caption	(1)
		(5 marks)

Candidate's Name		