

**The Boys' Brigade 2nd Subang Jaya Company Senior Section
2015 SAFETY BASIC TEST**

IMPORTANT:

You are allowed to refer to lesson slides, notes or whatever references you may obtain to complete the following questions. Emphasis is on your **understanding** upon concept of Safety Management and the **awareness** of its significance. Please give your answer in separate piece of paper and submit your answer to jerry@smarthouse.com.my on or before **15th November 2015**. Any submission after the due date will be rejected. (Passing Mark is 80%)

(Introduction)

1. Give 3 reasons why you think we need to manage safety? For each of the reason, Please explain clearly why do you think it is important? (6 marks)

(Lesson 1 – Learning Through Safety Terminology)

2. a). In your **own** word, please define HAZARD. (2 marks)
b). A BB member is using the portable gas stove for cooking. Explain at what possible stage could the activity falls into following modes of hazard: Dormant, Armed & Active. (3 marks)
3. In you **own** word, please define followings: Incident, Near Miss, Negligence, Mitigation (4 marks)

(Lesson 2 – Accident Causation Theory)

4. a) In your **own** word, define Domino Theory. (3 marks)
b) "A BB member was playing around the football goal post. As he grabbed the horizontal bar and swing around, the goal post gave way and collapsed, fallen on him and broke his leg."

By using each of the element of Domino theory, explain how the accident had happened and how it could be prevented. (6 marks)
5. In the case of Human Factors theory, please **explain clearly** each of three contributing elements that resulted to increase in accident in an organisation. (6 marks)

(Lesson 3 – Safety Signs & Types of Hazard)

6. a) Name 5 common types of safety signs, describe its shape & color, and usage of specific signage. (5 marks)
b) Name 5 locations within church premises where you think safety signs should be placed. For each location, please explain the type of safety signs and explain why you think it should be placed. (7 marks)

(Lesson 4 – Accident & Prevention: Trip/Slip/Fall and Electrical Hazard)

7. Give 3 conditions/locations within your house where potential trip, slip or fall hazard most likely to occur. For each case, please suggest possible mitigation measure. (3 marks)
8. Describe where in your house does the Electric Distribution Board (DB) located? Base on your house Electrical DB, please sketch the layout of the DB and indicate in the event of an emergency, how do you isolate the electrical supply. (3 marks)

9. Name at least 3 things why following installation is not proper? (3 marks)



10. Refer to the water heater in your house. Please explain how do you test if electrical safety feature of the water heater is working properly. (2 marks)

(Lesson 5 – Accident & Prevention: Fire Hazard)

11. a) Explain what is a Fire Triangle. (4 marks)
b) Explain how the understanding of Fire Triangle helps to prevent fire hazard. (4 marks)
12. List 5 classes **and** types of fire hazard as well as symbols for each types of extinguishes to be used. (5 marks)
13. Explain P.A.S.S. with relating to the usage of extinguisher. (3 marks)
14. When using the portable gas stove, what's the first thing to do when the gas stove caught fire? (1 mark)

(Lesson 6 – Accident & Prevention: Personal Safety)

15. In your **own** word, explain “Sexual Harassment”. (3 marks)
16. List 5 prevention measures to take when you suspect there is a potential sexual harassment. (5 marks)
17. a) Explain “Crime Triangle”. (3 marks)
b) Explain how understanding of Crime Triangle helps in prevention of crime. (4 marks)
18. a) What should a women do if she finds herself alone in the company of a strange male as she prepared to enter a lift in a high rise apartment/office? (3 marks)
b) What precautionary measure should you take when you need to take a taxi at night? (3 marks)
c) What precautionary measure should you take if you are stalked at night?. (3 marks)

(Lesson 7 & 8 – Emergency Response)

19. What emergency number to call when calling for Police & Ambulance, Fire department? What emergency number to call when calling from mobile phone? (2 mark)
20. Explain how you may use the F.A.S.T method to identify a suspected stroke patient. (4marks)