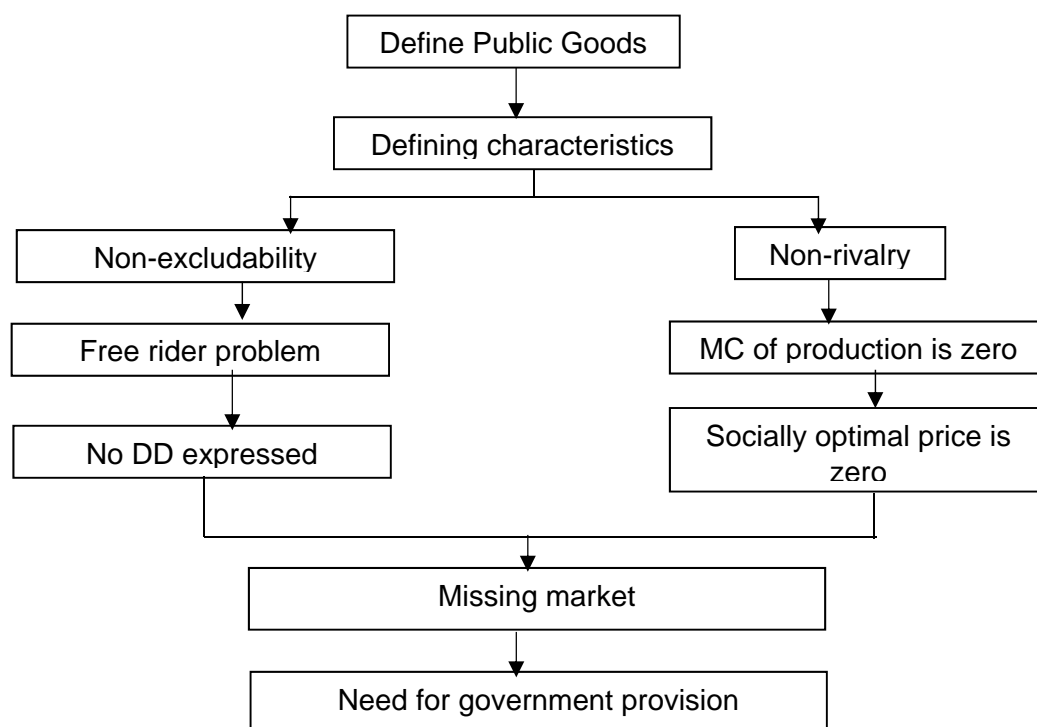


### Essay Question 1

Part (a)

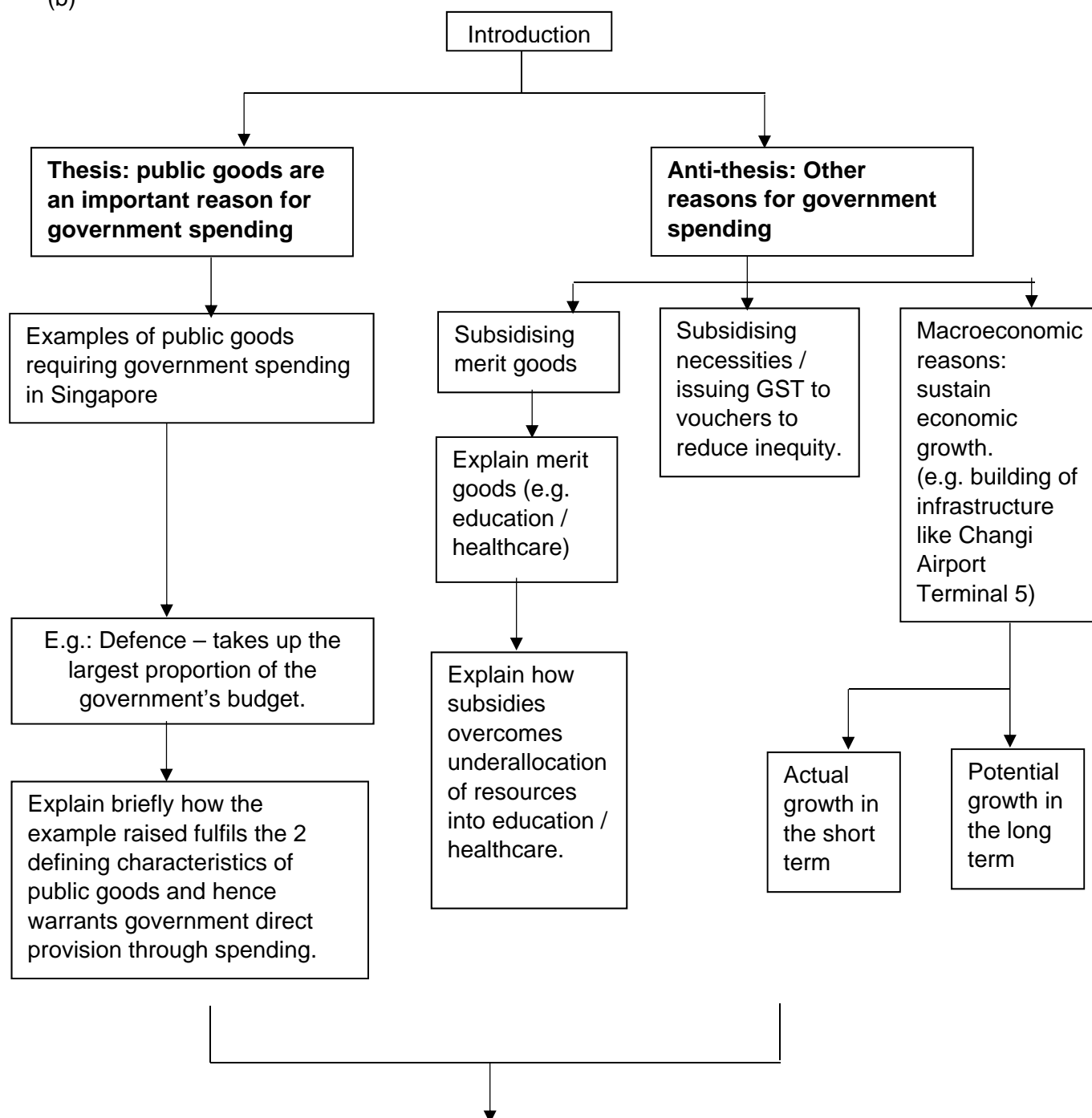


	Viewing NDP at Sports Hub	Live broadcast by Mediacorp
<b>Non-excludability</b>	<b>Excludable</b> because those that do not hold on to a ticket cannot enter the sports hub to view the NDP.	<b>Non-excludable</b> because near impossible to prevent anyone from tuning in to free-to-air channels by mediacorp to watch the NDP live.
<b>Non-rivalry</b>	One seat taken up by a viewer denies another person from taking up that seat to view the NDP → <b>Rivalrous</b> . Marginal cost of admitting one more spectator is positive (non-zero).	<b>Non-rivalry</b> because watching of the NDP over free-to-air channels by one individual does not deny another from tuning in to the same channel to watch the NDP.
<b>Public good?</b>	No. Private good. Because it is both excludable and rivalrous.	Yes. It is both non-excludable and non-rivalry.

Level	Knowledge, Comprehension, Analysis and Application	Marks
L3	Thorough explanation of the defining characteristics of public goods. Able to apply these defining characteristics to analyse whether NDP viewing at the sports hub and live broadcast are public goods.	7 – 10
L2	Insufficient explanations of whether both viewing in person and live broad casts are public goods.  Answers in this range may show the following characteristics: - Analyse <i>either</i> of the concepts of excludability <i>or</i> rivalry	4 – 6

	<p>- Analyse <i>either</i> of the markets of viewing NDP in person or live broadcast.</p> <p>Theoretical explanation of public goods, without the ability to apply to the markets in question are capped at 4 marks.</p>	
L1	Inability to explain public goods satisfactorily, resulting in a descriptive and incomplete answer.	1 – 3

(b)



**Evaluative Conclusion**

- Public goods is an important reason for government spending in Singapore.
- However, it cannot be considered as the main reason because there are many other important reasons behind government spending in Singapore.
- These include merit goods that government wants to encourage the public to consumer, as well as to ensure equity and long run growth.

Level	Knowledge, Comprehension, Analysis and Application	Marks
L3	Balanced and rigorous argument of why public goods are not the only reason why the Singapore government spends. At least 2 other reasons behind government spending well explained.	8 – 10
L2	Under-developed response to question: <ul style="list-style-type: none"> <li>- Answer does not further substantiate why public goods are important reasons why the Singapore government spends on goods and services. (i.e. only 2 other reasons or more on government spending on goods and services)</li> <li>- 1 further substantiation of the public goods phenomenon in Singapore + 1 other reason why the Singapore government spends on goods and services.</li> <li>- Underdeveloped economic rigour on both sides of the argument.</li> </ul>	5 – 7
L1	Answers in this range tend to stop at a list of assertions, or the arguments are made without economic reasoning.	1 – 4
Level	Evaluation, Synthesis	Marks
E2	Insightful, evaluative comments supported by economic or contextual analysis.	3 - 4
E1	Statements not based on economic or contextual analysis.	1 - 2