

IPT HOLIDAY HOMEWORK

DUE DATE: 05TH FEBRUARY 2019 (T2 Wk2)

DATE DISTRIBUTED: 18TH DECEMBER 2018 (T1 Wk10)

OUTCOMES:

- H1.2 explains and justifies the way in which information systems relate to information processes in a specific context
- H2.2 develops and explains solutions for an identified need which address all of the information processes
- H5.2 assesses the ethical implications of selecting and using specific resources and tools, recommends and justifies the choices
- H6.1 analyses situations, identifies needs, proposes and then develops solutions

SIGNIFICANCE: This holiday homework task provides opportunities for reinforcement of the topics Chap 1: Project Management and Chap 2: Information Systems and Databases learnt during school (Term 1 -2018). Students are encouraged to complete this homework task to develop their research and examination skills which will help them to cover the content and study for their HSC exam next year.

ASSESSMENT CRITERIA: All students have been assigned HSC Information Processes & Technology textbook by Samuel Davis which is the recommended textbook by NESA. This holiday homework task will cover Chapter 1 and Chapter 2 of the textbook. Students are required to complete all sets in their IPT notebooks.

TASK OUTLINE: Do the chapter readings and complete the following sets, also make sure you refer to the *HSC Glossary of Key Words* (back of this page) when answering these questions:

Chapter 1 – Project Management:

- Set 1A (Page 20)
- Set 1B (Page 45)
- Set 1C (Page 63)
- Set 1D (Page 82 – 83)
- Set 1E (Page 102)
- Ch. 1 Review (Page 103 – 104)

Chapter 2 – Information Systems and Databases:

- Set 2A (Page 118)
- Set 2B (Page 126)
- Set 2C (Page 138)
- Set 2D (Page 149)
- Set 2E (Page 161)
- Set 2F (Page 177)
- Set 2G (Page 191)
- Set 2H (Page 202)
- Set 2I (Page 214)
- Set 2J (Page 225)
- Chapter 2 Review (Page 226)

TASK REQUIREMENTS: Knowledge and understanding of “Project Management Information Systems and Databases” is required as prior learning to this assessment task, which was covered in theory and practical class work in Term 1 (2018).

TECHNICAL REQUIREMENTS: You are to write the answers of each set in your IPT notebooks. Make sure this is hand written.

SUBMISSION REQUIREMENTS: You will be submitting your IPT notebooks to Ms. Tahir by the set due date for checking. N-warnings will be issued for failure to complete this task in your IPT notebooks, which may jeopardise your completion of the HSC coursework.

A Glossary of Key Words (HSC)

Account	Account for: state reasons for, report on. Give an account of: narrate a series of events or transactions
Analyse	Identify components and the relationship between them; draw out and relate implications
Apply	Use, utilise, employ in a particular situation
Appreciate	Make a judgement about the value of
Assess	Make a judgement of value, quality, outcomes, results or size
Calculate	Ascertain/determine from given facts, figures or information
Clarify	Make clear or plain
Classify	Arrange or include in classes/categories
Compare	Show how things are similar or different
Construct	Make; build; put together items or arguments
Contrast	Show how things are different or opposite
Critically (analyse/evaluate)	Add a degree or level of accuracy depth, knowledge and understanding, logic, questioning, reflection and quality to (analyse/evaluate)
Deduce	Draw conclusions
Define	State meaning and identify essential qualities
Demonstrate	Show by example
Describe	Provide characteristics and features
Discuss	Identify issues and provide points for and/or against
Distinguish	Recognise or note/indicate as being distinct or different from; to note differences between
Evaluate	Make a judgement based on criteria; determine the value of
Examine	Inquire into
Explain	Relate cause and effect; make the relationships between things evident; provide why and/or how
Extract	Choose relevant and/or appropriate details
Extrapolate	Infer from what is known
Identify	Recognise and name
Interpret	Draw meaning from
Investigate	Plan, inquire into and draw conclusions about
Justify	Support an argument or conclusion
Outline	Sketch in general terms; indicate the main features of
Predict	Suggest what may happen based on available information
Propose	Put forward (for example a point of view, idea, argument, suggestion) for consideration
Recall	Present remembered ideas, facts or experiences
Recommend	Provide reasons in favour
Recount	Retell a series of events
Summarise	Express, concisely, the relevant details
Synthesise	Putting together various elements to make a whole