

PROJECT MANAGEMENT (U3)

PRACTICE TEST #1 – MARKING KEY

APPLIED INFORMATION TECHNOLOGY - UNIT 3



ATAR Survival Guide: Answer Key

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Answer Key

Multiple Choice

Question 1	C
Question 2	C
Question 3	D
Question 4	B

Section 2 – Short Answer

Question 5: Jane needs to create a new website for her business, Flower Power. Her business delivers bouquets flower for special occasions, such as weddings, in the North Perth Metro area. She has heard of the benefits of using a project management technique for large projects such as a website creation. Jane has had limited experience in web design and is not sure of what is the most ideal design with her website. Define structured and prototype management techniques and suggest what project management technique Jane should use. (6 marks)

Description	
Up to 2 marks for definition of prototype	2 marks
Answers Could Include: <ul style="list-style-type: none">• Prototype is a project management technique where Jane creates a limited working model or draft of the website, which she will use to evaluate it against her needs and add or remove features where she sees fit.	
Up to 2 marks for the definition of structured	2 marks
Answers could include: <ul style="list-style-type: none">• Structured is a project management technique where Jane creates her website in a sequence of logical steps, where each step must be completed before moving onto the next.	
Up to 2 marks for suggested management technique	2 marks
Answers could include: <ul style="list-style-type: none">• Prototype – as Jane has limited experience in web design and does not have a definitive idea of her design, she could experiment by creating drafts of multiple web designs, adding or removing features where she sees fit.	
Total	6 marks
Accept other relevant answers	

Question 6: State how Jane could use the following project management tools in relation to the creation of her website and state one advantage of each of the following tools. (8 marks)

Description	
1 mark for definition of flow charts, 1 mark for relation to scenario	2 marks
Answers Could Include: <ul style="list-style-type: none"> • Flow charts are an organisational diagram that shows the relationship of the steps of a process. (Definition) 	1 Mark
AND <ul style="list-style-type: none"> • Jane can use flow charts to construct the work flow required to build her website. (Relation to the scenario) 	1 Mark
1 mark for one advantage of flow charts	1 marks
Answers could include: <ul style="list-style-type: none"> • Allows for a clear, visual diagram of the workflow required to build the website • Allows for a clear indication of the current progress of the project 	
1 mark for definition of Site Maps, 1 mark for relation to scenario	2 marks
Answers could include: <ul style="list-style-type: none"> • Sites maps are a visual organiser that lists the pages of a website and the number of clicks required to visit each page (Definition) 	
AND <ul style="list-style-type: none"> • Jane can use site maps to explore usability of each page by identifying the number of clicks required to access the page (Relation to the scenario) 	
1 mark for one advantage of site maps	1 mark
<ul style="list-style-type: none"> • Allows for a clear diagram of the structure of her website 	
1 mark for definition of Gantt Charts, 1 mark for relation to the scenario	2 marks
Answers could include: <ul style="list-style-type: none"> • Gantt charts are a horizontal bar chart that displays the tasks of a project and the approximate and actual completion of each task. 	
AND <ul style="list-style-type: none"> • Jane can use Gantt charts to organise the tasks required to build her website and the estimated time of completion of those tasks 	
1 mark for one advantage of Gantt charts	1 mark
Answers could include: <ul style="list-style-type: none"> • Jane can use a Gantt chart to view all tasks required in a project • Jane can use a Gantt chart to evaluate performance by comparing estimated completion times with actual completion of times of tasks in a project • Jane can use a Gantt chart to identify an estimated completion date 	
Total	9 marks
Accept other relevant answers	

Question 7: Jane wants to create a mobile website. List five target audience characteristics of her mobile website. (4 marks)

Description	
1 mark for listing a target audience characteristic	1 marks
Answers Could Include: <ul style="list-style-type: none"> • Adults – typically working age • Typically, women audience • Geographically located in Perth metro area • Middle or upper class socioeconomic status – due to luxury association with bouquets 	
Total	4 marks
Accept other relevant answers	

Question 8: Jane wants to create a mobile website. List and briefly explain three user interface considerations (6 marks)

Description	
1 mark for listing a consideration, 1 mark for brief explanation	2 marks
Answers Could Include: <ul style="list-style-type: none"> • Large buttons – to assist in navigation on touch inputs • Large text – to assist in legibility on a small display • Dropdown menus and icons – to save limited screen real estate 	
Total	6 marks
Accept other relevant answers	

Question 9: List and explain three features to ensure accessibility on a mobile website. (6 marks)

Description	
1 mark for listing an accessibility feature, 1 mark for brief explanation	2 marks
Answers Could Include: <ul style="list-style-type: none"> • No use of green or red – to assist colour blind users who cannot differentiate these colours clearly • Audio narration feature – to assist blind users through text to speech navigation • Text enlarger – to assist users with reading problems by allowing users to resize text to ensure legibility • Captions – to assist deaf users by allowing them to read sound 	
Total	6 marks
Accept other relevant answers	

Question 10: List and explain three features to ensure usability on a mobile website (6 marks)

Description

1 mark for listing a usability feature	1 marks
Answers Could Include: <ul style="list-style-type: none"> • Clear and consistent design • Search navigation features • Use of large buttons 	
Total	3 marks
Accept other relevant answers	

Question 11: Design the homepage of Jane’s mobile website. (17 marks)

Include annotations for the following:

- Usability Features (3 marks)
 - Accessibility Features (3 marks)
 - Clear and consistent user interface (2 marks)
 - Appropriate design based on target audience characteristics (2 marks)
 - Structure of Mobile Website (2 marks)
 - Quality of sketch (5 marks)
- Allocate marks accordingly

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