

Write your name here	
Surname	Other names
Edexcel Principal Learning	Centre Number
	Candidate Number
Information Technology	
Level 3	
Unit 7: Making Projects Successful	
Thursday 17 June 2010 – Morning Time: 1 hour 30 minutes	Paper Reference IT307/01
You must have: Insert (enclosed)	Total Marks

Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions.
- Answer the questions in the spaces provided
– *there may be more space than you need.*

Information

- The total mark for this paper is 90.
- The marks for **each** question are shown in brackets
– *use this as a guide as to how much time to spend on each question.*

Advice

- Read each question carefully before you start to answer it.
- Keep an eye on the time.
- Try to answer every question.
- Check your answers if you have time at the end.

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Answer ALL questions. Write your answers in the space provided.

Section A

This section relates to the Oaking College scenario.

1 The project manager will produce a definition of scope for the senior management team at Oaking College.

(a) Identify **two** constraints on the project.

(2)

1.....

2.....

(b) Describe **two** resource requirements of the project.

(4)

1.....

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2.....

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(c) Explain why it is important that the project manager produces a definition of scope for the project.

(4)

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(Total for Question 1 = 10 marks)



2 The project manager will have to ensure that the project is carefully planned.

(a) Describe how the project manager will ensure effective communication throughout the project.

(2)

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(b) Describe **two** processes that will enable the project manager to identify timescales.

(4)

1.....

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2.....

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(Total for Question 2 = 6 marks)



3 The project manager must manage any risks.

(a) Identify **two** categories of risk associated with the project.

(2)

1.....

2.....

(b) Explain the **next** stage of the risk assessment process.

(4)

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(Total for Question 3 = 6 marks)



4 Figure 2 is an extract from the risk assessment for the project.

ID	Risk	Likelihood	Impact	Strategy
14	Unable to secure computers	Medium	High	Project manager to contact supplier to confirm in stock
15	Project plan is tight and no slippage time allowed	Medium	High	Project manager to review plan and identify float time for tasks and back-up plan
16	PC equipment is damaged during installation	Low	Low	Project manager to arrange 'pre-installation' meeting with technicians

Figure 2

(a) Describe **one** of the consequences of Risk ID 14.

(2)

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(b) Explain why Risk ID 16 would have a low impact on the project.

(2)

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(c) Identify one **other** risk that may affect the project.

(1)

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(Total for Question 4 = 5 marks)



5 The project manager is responsible for creating appropriate project plans.

(a) Once the Gantt chart is completed, the project manager may produce a PERT chart.

Describe how the data provided in the PERT chart will assist the management of the project.

(4)

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(b) The project manager creates a network diagram using the 'Activity on Arrow' method.

Complete the missing data from the extract shown in Figure 3.

(14)

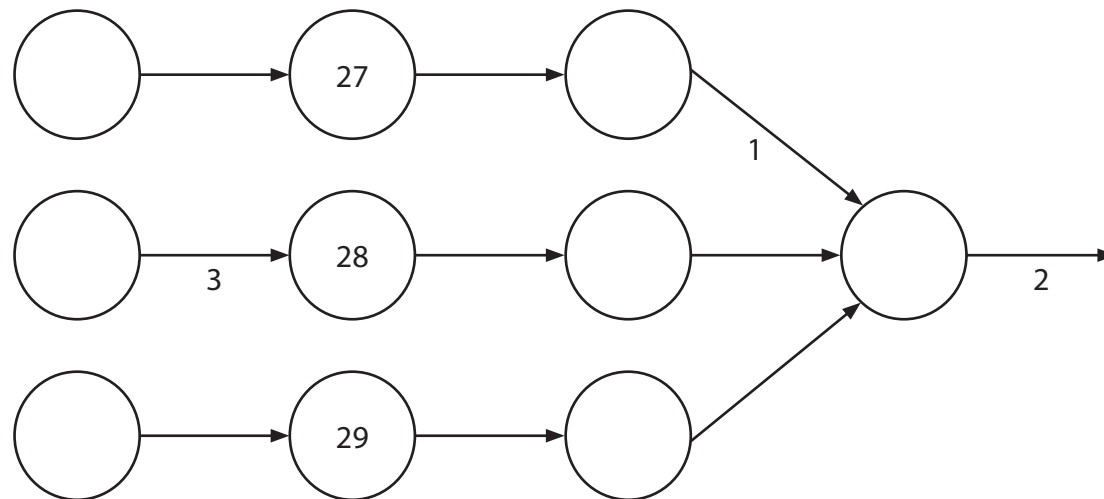


Figure 3

(Total for Question 5 = 18 marks)



6 The project manager must respond to changing circumstances.

(a) On 30th June, Central Computers calls to explain that there is limited stock in the warehouse and they are currently experiencing cash flow problems.

Identify **three** possible implications for the equipment order as a result of Central Computers' cash flow problems.

(3)

1

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2

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3

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(b) During the installation of the network PCs, two of the IT technicians fall ill and are unable to work for one week. It is agreed that the two remaining IT technicians will work extra hours.

Explain why the project manager made this decision.

(6)

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(Total for Question 6 = 9 marks)



7 A final project review meeting will be held at the end of the project.

Describe **three** items that will be covered in the Project Closure Report created at that meeting.

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2

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3

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(Total for Question 7 = 6 marks)

TOTAL FOR SECTION A = 60 MARKS



Section B

This section relates to the investigations that you have carried out into the "Promise to resolution" project for Scottish Water.

8 (a) Identify the stakeholders responsible for the following areas in the project: (3)

Providing the IT solution

Management guidance

Funding the project



10 Evaluate the key factors that led to the success of the project.

Lined writing area for student response.



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