



Queen Margaret University  
EDINBURGH

**HEALTH SCIENCES**

**DIETETICS, NUTRITION AND BIOLOGICAL SCIENCES, PHYSIOTHERAPY,  
PODIATRY, RADIOGRAPHY**

**LEVEL 2 / DIET 2**

**C2143/Physiology / Pathophysiology**

<b><u>DATE: 27/07/2018</u></b>	<b><u>TIME: 9:30</u></b>
<b><u>WRITING TIME: 1 hour</u></b>	<b><u>READING TIME: 5 minutes</u></b>

**INSTRUCTIONS:**

**Answer all 6 questions**

**PAPER SETTER:**

**John Veto**

**ANSWER ALL THE QUESTIONS**

- |          |   |             |
|----------|---|-------------|
| <b>1</b> | <b>Describe the “response to injury hypothesis” associated with the development of atherosclerotic plaques.</b> | <b>(5)</b>  |
| <b>2</b> | <b>Write notes on osteomalacia/ Rickets</b>   | <b>(5)</b>  |
| <b>3</b> | <b>Describe how the penumbra effect causes neurological damage following a stroke</b>                           | <b>(5)</b>  |
| <b>4</b> | <b>Outline the stages of chronic (complicated ) wound healing.</b>  | <b>(5)</b>  |
| <b>5</b> | <b>Describe the pathology of chronic venous insufficiency</b>   | <b>(5)</b>  |
| <b>6</b> | <b>Describe the pathogenesis of osteoarthritis</b>  | <b>(5)</b>  |
|          | <b>Total Marks</b>  | <b>(30)</b> |

**End of Paper**