2026 IPC ANSWER BOOKLET

Name: _____ **School:** _____ **Account Number:** _____

Section A: Multiple choice questions (10 marks)

Please record your answers from **1** to **10** on the exam platform.

Section B: Short answer questions (10 marks)

Question 11 (5 marks)

Question 12 (5 marks)

Section C: Extended Numerical Questions (30 marks)

Question 13

a) (1 mark)

b) (2 marks)

c) (1 mark)

d) (2 marks)

e) (3 marks)

f) (4 marks)

g) (2 marks)

Question 14

a) (2 marks)

b) (2 marks)

c) (4 marks)

d) (4 marks)

e) (2 marks)

f) (1 mark)

END OF THE ANSWER BOOKLET

Useful Equations

The following useful equations may be unfamiliar to some students:

$\rho = \frac{m}{V}$	density = mass ÷ volume
$\Delta p = \rho \times g \times \Delta h$	pressure due to a column of fluid = density of fluid × gravitational field strength × height of column
$\Delta E = m \times L$	thermal energy for a change of state = mass × specific latent heat
$\Delta E = m \times c \times \Delta\theta$	change in thermal energy = mass × specific heat capacity × change in temperature

The following constants should be used

$g = 9.81\,\text{N/kg}$	gravitational field strength on Earth