Practice Question Set For GCSE
Subject : Physics
Paper-2 Topic: Forces (Standard Demand Questions)

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Name of the Student:_____
Max. Marks : 26 Marks **Time : 26 Minutes**

Mark Schemes

Q1.

(a) (i) Constant speed

2

(ii) Accelerates to higher constant speed

1

(b) (i) Points correct (allow one major or two minor mistakes)
Line correct (for their points)

2

(ii) 5 m/s
or 5
gets 2 marks

or correct unit
gets 1 mark mark

3

(c) (i) 50 s or 50
gets 2 marks

or t = d/v
gets 1 mark

3

(ii) Line correct (of gradient 4 and spans 30 consecutive seconds)

1

(d) (i) 0.04 or 6/15
gets 2 marks

or a = v/t
gets 1 mark

3

[15]

Q2.

(a) A then E
for one mark

1

(b) A > E
A = E

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A < E

in this order for 1 mark each

3

(c) when van stops / is stationary / is parked

for one mark

1

(d) WX – slowing down (owtte)
XY – constant speed (owtte)
YZ – speeding up (owtte)

for 1 mark each

3

(e) ….. force …. forwards …. backwards

for 1 mark each

3

[11]

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