



Work booklet VSBO PKL

2026

period 1

Monday May 18

7:30 – 10:00 a.m.

Physics and Chemistry 1

Candidate name _____

Candidate number _____

REMEMBER TO HAND IN THIS WORK BOOKLET

Multiple choice: circle the correct answer; indicate corrections clearly:

A ☒ B C D of A ☒ ☒ C D of A ☒ ☒ D B

1 A B C D

2 A B C D

3 A B C D

4
.....
.....

5 A B C D

6 Choose from: **salt, grate, burner, measuring glass, lime, content.**

The **area** is the contact area between the
..... and the

7 and

- 8 Example sentence:
PVC is very suitable for installing the drainpipe because PVC is resistant to chemicals.

1). Copper is suitable for installing gas pipelines

because copper

2). Copper is suitable for installing water pipes

because copper

3). Copper is suitable for installing electricity lines

because copper

9 A B C

10 A B C D

11 A B C D

12 A B C D

13

type of raw material	does run out	doesn't run out
water		
cotton		
iron ore		
petroleum		
wood		

14

information	name
handing in vegetables, fruit and garden waste separately	
converting kitchen, garden and other organic waste into new material	
waste processing which generates heat that can be applied usefully	

15 P is a type switch.

Such a switch is called

16 A B C D

17 A B C D

18 A B C D

19 A B C D

20
.....
.....

21
.....
.....
.....

- 22 (1).
- (2).
- (3).

23

I. Transformer **P** transforms the voltage into

a lower voltage.

a higher voltage.

direct current.

II. Transformer **Q** transforms the voltage into

a lower voltage.

a higher voltage.

alternating current.

24

.....

.....

.....

.....

.....

R_v =

25
.....
.....
.....

The bottom is km under the ship.

26 (1).
(2).
(3).

27 A B C D

28 Calculation of the frequency:
.....
.....
.....

The frequency is

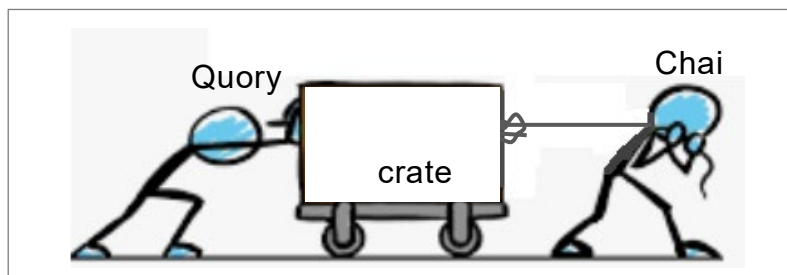
29

force number	effect	name
2	force between the floor and the crowbar	
3	force within the nail	
4	force on the head of the nail	
5	Melvin's force on the crowbar	

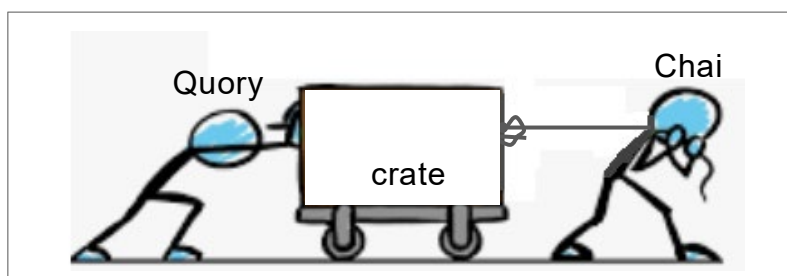
30

force number	effect	does have a moment	does not have a moment
1	force of gravity on Melvin		
2	force between the floor and the crowbar		
3	force within the nail		
4	force on the head of the nail		
5	Melvin's force on the crowbar		

31 Picture 1

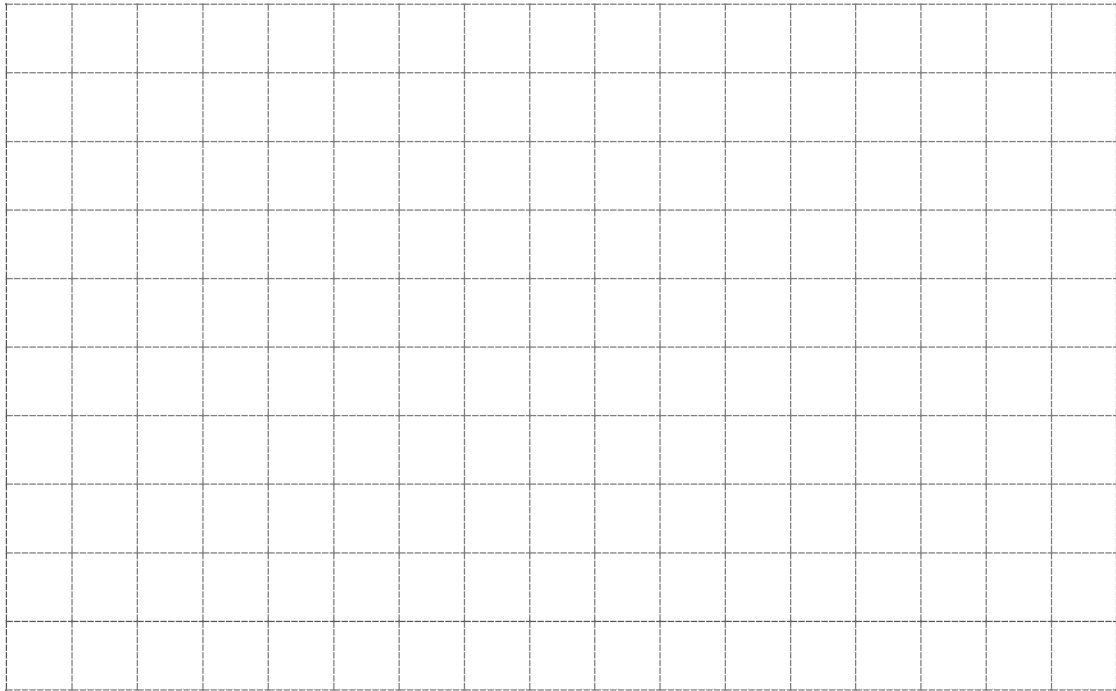


Picture 2



32 speed-time diagram

↑
.....



..... →

33 (1).

(2).

(3).

34

.....

.....

.....

.....

.....

Number of minutes is

.....

.....

.....

.....

.....

.....

.....

.....

The pressure on the road surface is.....

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