

Pei Hwa Secondary School
Principles of Accounts
2022 4E5N Prelim Paper 1
Answer Key

Question 1

(a)

Inventory				
Date	Particulars	DR (\$)	CR (\$)	Bal (\$)
2022				
Jul 1	Balance b/d (20 x 110)			2 200 Dr ✓
Jul 4	Trade payable – TB Trading [30 x (90% x 100)]	2 700 ✓		4 900 Dr
Jul 9	Trade payable – TB Trading [10 x (90% x 100)]		900 ✓	4 000 Dr
Jul 15	Cost of sales		2 200 ✓	1 800 Dr
Jul 21	Impairment loss on inventory		1 800 ✓✓	--

[6]

(b) Inventory management:

- Keeping proper records to track inventory ✓
- Keeping physical inventory in the warehouse (proper storage) ✓
- Buying insurance to insure the inventory ✓

[3]

(c) Possible problems (*Accept any one*)

- Increased storage-related expenses (eg. Rent, salary, utilities) hence decreasing profitability ✓
- Higher risk of the inventory becoming obsolete before it can be sold, increasing impairment loss on inventory, reducing profitability ✓

[1]

[Total: 10 marks]

Question 2

(a)

General Journal			
Date	Particulars	DR (\$)	CR (\$)
2022			
(i) Apr 30	Cash at bank	2 900	
	Trade receivable – Matthew		2 900 ✓
	Discount allowed	100	
	Trade receivable – Matthew		100 ✓
	(3 000 – 2 900)		
(ii) Apr 30	Trade payable – SLA	420	
	Trade payable – LSA		420 ✓
(iii) Apr 30	Capital	360	
	Income summary		360 ✓
(iv) Apr 30	Rent expense	2 560	
	Cash at bank (2 x 1 280)		2 560 ✓

[5]

(b)

Error	Effects of error on	
	Profit	Total Assets
(i)	Overstated by \$100 ✓	Overstated by \$100 ✓
(ii)	No effects ✓	No effects ✓
(iii)	Understated by \$360 ✓	No effects ✓
(iv)	Overstated by \$2 560 ✓	Overstated by \$2 560 ✓

[6]

- (c) To provide documentary proof of transaction ✓
OR
To provide information about transaction ✓

[1]

[Total: 10 marks]

Question 3

- (a) Accumulated depreciation is the total value depreciated to date. ✓ [1]
- (b) Non-current assets are valued at cost less accumulated depreciation to find net book value. ✓ [1]
- (c) The medical equipment becomes less efficient over the years and provides greater benefits in its earlier years than later years, therefore the reducing-balance method is chosen. ✓ [1]

(d)

General Journal			
Date	Particulars	DR (\$)	CR (\$)
2022			
Jan 1	Drawings	11 650 ✓	
	Sale of non-current assets		11 650 ✓

[2]

(e)

BGN Medical Statement of Financial Performance for year ended 31 May 2022 (extract)		
	\$	\$
Less: Other expense		
Loss on sale of non-current assets (16 000 – 11 650)	4 350 ✓	
Depreciation of medical equipment {20% x [(380 000 – 25 000) – (100 500 – 9 000)]	52 700 ✓	

[2]

[Total: 7 marks]

Question 4

(a)

General Journal			
Date	Particulars	DR (\$)	CR (\$)
2021			
Jun 7	Allowance for impairment of trade receivables	500	
	Trade receivable – J&N Trading		500 ✓
	Being writing off amount owing from J&N Trading ✓		

[2]

- (b) Reversal of impairment loss on trade receivables = (\$95) ✓
Profit increased by \$95 ✓

[2]

(c)

	Year ended	
	31 July 2021	31 July 2022
Trade receivables collection period	Av Net TR $= [(95\% \times 11\,700) + (95\% \times 14\,100)] / 2$ $= \$12\,255$ TR collection period $= 12\,255 / 423\,800 \times 365$ $= 10.55 \text{ days} \checkmark$	Av Net TR $= [(95\% \times 14\,100) + (95\% \times 12\,200)] / 2$ $= \$12\,492.50$ TR collection period $= 12\,492.50 / 457\,140 \times 365$ $= 9.97 \text{ days} \checkmark$

[2]

- (d) Seah Coffee has become more efficient in managing trade receivables from the year ended 31 July 2021 to 2022. \checkmark
 The trade receivables collection period has improved from 10.55 days for the year ended 31 July 2021 to 9.97 days for the year ended 31 July 2022. \checkmark
 This suggests that the business is able to collect back their debts faster.

[2]

- (e) *Accept any 2*
 Send reminders to credit customers about payment due date
 Stricter debt collection process \checkmark
 Offer cash discount to encourage early payment \checkmark
 Impose interest on late payment \checkmark
 Do a more thorough check on credit worthiness before extending credit \checkmark

[2]

- (f) *Accept any 1*
 Specific industry outlook \checkmark
 Economic outlook \checkmark
 Reputation of business \checkmark
 History of repayment \checkmark

[1]

[Total: 11 marks]

End of paper