



UNIVERSITY COLLEGE TATI (UC TATI)

FINAL EXAMINATION QUESTION BOOKLET

COURSE CODE	: BBM 1043
COURSE	: BUSINESS STATISTICS
SEMESTER/SESSION	: 1 - 2022/2023
DURATION	: 3 HOURS

Instructions:

1. This booklet contains 5 questions. Answer **ALL** questions.
2. All answers should be written in answer booklet.
3. Write legibly and draw sketches wherever required.
4. If in doubt, raise your hand and ask the invigilator.

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO

THIS BOOKLET CONTAINS 4 PRINTED PAGES INCLUDING COVER PAGE

QUESTION 1

- a) Compute the trade discount or net price as indicated. Round to the nearest cent.

List Price	Single Discount Rate	Trade Discount	Complement	Net Price
RM48	10%	(i)		(ii)
RM100	12%	(iii)		(iv)
RM425	15%	(v)		(vi)
RM24.62		RM5.93		(vii)
RM0.89		RM0.12		(viii)
RM1,263	12%	(ix)		(x)
RM27.50	3%	(xi)		(xii)
RM8,952	18%	(xiii)		(xiv)
RM421	5%		(xv)	(xvi)
RM721.18	3%		(xvii)	(xviii)
RM3,983.00	8%		(xix)	(xx)

(10 marks)

- b) The list price of Proton Ativa is RM89,765. Geylang Automobile Sdn Bhd can buy the car at the list price less 12%. Compute the trade discount and the net price of the car.

(4 marks)

- c) Compute the net price of 100 sheets of display board that list for RM3.99 each, 40 pairs of sellotape that list for RM1.89 each, and 20 boxes of paper clips that list RM3.99 if a 22% trade discount is allowed.

(5 marks)

- d) Home Décor can purchase ceramic vase from Ceramic Manufacture 1 for RM695 with 5/10/10 discount. Another manufacturer, Ceramic Manufacturer 2 offers similar vase ceramic for RM705 with a 6/10/12 discount. Compute which one is the better deal.

(6 marks)

QUESTION 2

- a) An evening gown lists for RM1,500. It is offered at a discount store for 30% off list price. Since it does not sell, the store offers a second discount of 40% off discounted price. But it still does not sell. In desperation, the store offers 50% off the lowest sale price. Show the final price of the gown. (6 marks)
- b) An invoice for RM5,000 is dated 27 July and has credit terms 3/10, 1/20, net 30 EOM. Calculate the payment should be received if the invoice is paid on:
i) August 1
ii) August 15
iii) August 25 (5 marks)
- c) Ethan found an oval mat cutter that he wants to purchase and use in framing pictures. Its list for RM1,500 and has trade discount series of 30/20/10. (5 marks)
- d) Peter's Steak House receives a bill dated April 10, from their meat supplier, in the amount of RM4,200. Terms are 4/10, 2/20, net 30. On April 15 Peter pays RM1,500 and on April 23 he pays another RM1,000. Calculate the amount he has to pay. (9 marks)

QUESTION 3

- a) Compute the percent of markup based on cost for a dining table that costs RM220 and sells for RM599. (2 marks)
- b) Yeo Sin buys a pair of shoes at RM 50 and the markup is 20% of the selling price.
i) Compute the selling price
ii) Compute the markup (4 marks)
- c) A set of pencil case sells for RM39. The markup rate is 60% of the cost. Compute the cost and the markup of the pencil case. (4 marks)
- d) Kedai Kita plan to mark up a set of kid's stationary starter RM3.50 over cost. This will be a 50% markup based on cost. Compute the cost and selling price of the kid's starter and the rate of the selling price. (5 marks)
- e) A jersey t-shirt costs RM127.59 and the Kedai Kain Kita marks it up 23% of the selling price. Compute the selling price and markup for the jersey t-shirt. (5 marks)

QUESTION 4

- a) RizalmanTote can purchase laundry bags in large quantities and mark them up RM4.14 each. Compute the cost, the selling price and rate of each bag if it is marked up 125% of cost. (6 marks)
- b) Bloom Glamourous Sdn Bhd (BGSD) paid RM189 for fern stand and marked it up 60% based on cost. BGSD included it in a special promotional markdown of 30%. The stand was damaged during the sale and was marked down an additional 40%. Compute the final selling price of the stand. (6 marks)
- c) Kedai Kita purchases Chili Flake for RM0.84 per bottle and sells it for RM2.39. Compute the rate of markup based on selling price. (3 marks)

QUESTION 5

- a) Compute the equivalent markup based on cost for the following questions:
i) A diamond ring is marked 75% based on selling price
ii) A stroller is marked up 40% based on selling price (4 marks)
- b) Compute the equivalent rate of markup based on selling price for the following questions:
i) A DVD is marked up 120% of cost.
ii) A wallet is marked up 60% of cost (4 marks)
- c) Ibulicious Grocery buys broccoli for RM0.27 per kilogram. On average 4% of the broccoli must be discarded. Calculate the selling price per kilogram needed to obtain a 160% markup on cost for 2000 kilogram. (7 marks)

----- End of question -----