

Functions Exam - Grade Breakdown

Part A - (16 Marks)

Question 1 (16 Marks).

- 1 Mark for each true or false

Part B - (8 Marks)

Question 2 - 5 (8 Marks)

- 2 Marks per Question, look for generally a good explanation.

Part C - (64 Marks)

Question 6 (6 Marks)

- (a) 1 Mark (b) 1 Mark (c) 2 Marks (d) 2 Marks

Question 7 (8 Marks)

- (a) 2 Mark (b) 4 Marks, an extra mark for overall correctness. (c) 2 Marks

Question 8 (10 Marks)

- (a) 5 Marks (b) 5 Marks

Question 9 (4 Marks)

Question 10 (4 Marks)

Question 11 (10 Marks)

- (a) 5 Marks (b) 5 Marks, extra mark for FOIL.

Question 12 (14 Marks)

- (a) 6 Marks.
- 4 Marks for each of the correct factoring.
 - 2 Marks for cancelling and Final answer.

(b) 8 Marks.

- 2 Marks for Factoring Each Denominator.
- 2 Marks for LCD.
- 2 Marks for Missing Factor.
- 2 Marks for overall correctness and Final answer.

Question 13 (8 Marks)

(a) 4 Marks.

(b) 4 Marks.

Part D - (12 Marks)

Question 14 (12 Marks)

(a) 12 Marks.

- 4 Marks for each correct coordinate for **R**.
(Check for correct reference angle, sign and trig ratio, and then final coordinate).
- 4 Marks for each correct coordinate for **T**.
(Check for correct reference angle, sign and trig ratio, and then final coordinate).
- 4 Marks for formula, simplification and final answer.

(b) 12 Marks.

- Just look for overall correct procedure.