QUESTION 2 MEMO

Suggested Code & Pseudocode provided.

Question	Mark	Learner
Question 2	**25**	

2.1
procedure TfrmPartyPlanner.btnQuoteClick(Sender: TObject);
var
iChildren, iAdults, iGuests, iCost :integer; ✓
rVat, rDisc : real;   //used in 1.3 & 1.5
begin
//Question 1
memQ1.Lines.Add('Customer Name: '+edtNameQ1.Text); ✓
iChildren := sedChildrenQ1.Value; ✓
iAdults := sedAdultsQ1.Value; ✓
iGuests := iChildren + iAdults; ✓
memQ1.Lines.Add('Number of Guests: '+ IntToStr✓ (iGuests)); ✓
 	
**variables may be declared differently or not used – marker discretion
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2.2 ✓ for variable iCost iCost := (iChildren * 35) ✓ + (iAdults * 50) ✓; memq1.Lines.Add('Cost: R'+IntToStr✓ (iCost)); ✓	5	
2.3 rVat✓ := Round✓ (iCost*0.14) ✓; memQ1.Lines.Add('VAT: R'+FloatToStr✓ (rVat)); ✓ **FloatToStrF also acceptable.	5	
2.4 memQ1.Lines.Add('Total: R'+FloatToStr✓ (rVat+iCost)); ✓	2	

2.5
if chkDiscount.Checked then✓
begin
 rDisc := Round((rVat+iCost)*0.1); ✓✓
 memQ1.Lines.Add('Discount: R'+FloatToStr(rDisc)); ✓
 memQ1.Lines.Add('Final : R'+FloatToStr((rVat+iCost)-rDisc)); ✓✓
end;
end;
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