

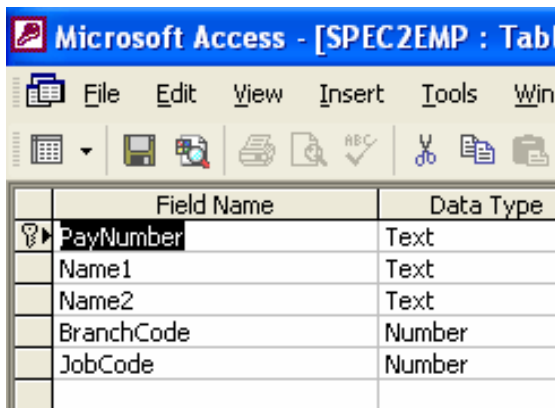
Specimen Paper - Mark Scheme

AS Level – Paper 2 – Practical Test

No marks to be awarded for any printout not containing the candidate name, candidate number and centre number

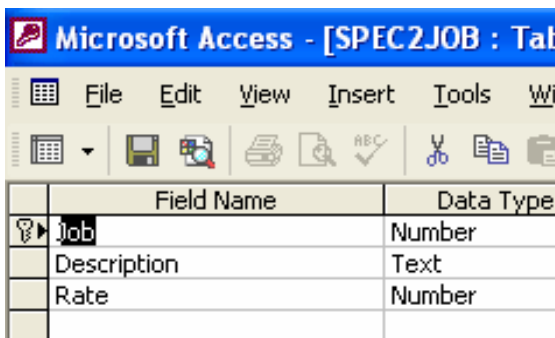
Step 3

Candidate name, centre number and candidate number



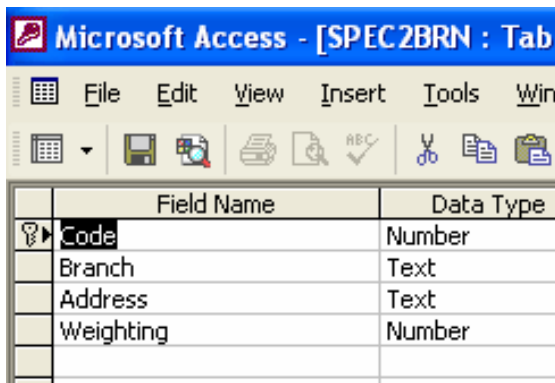
	Field Name	Data Type
Primary Key	PayNumber	Text
	Name1	Text
	Name2	Text
	BranchCode	Number
	JobCode	Number

Table created 1 mark
 Correct fields 1 mark
 3 text fields 1 mark
 2 number fields 1 mark
 Primary key correct 1 mark



	Field Name	Data Type
Primary Key	Job	Number
	Description	Text
	Rate	Number

Table created 1 mark
 Correct fields & field types 1 mark
 Primary key correct 1 mark

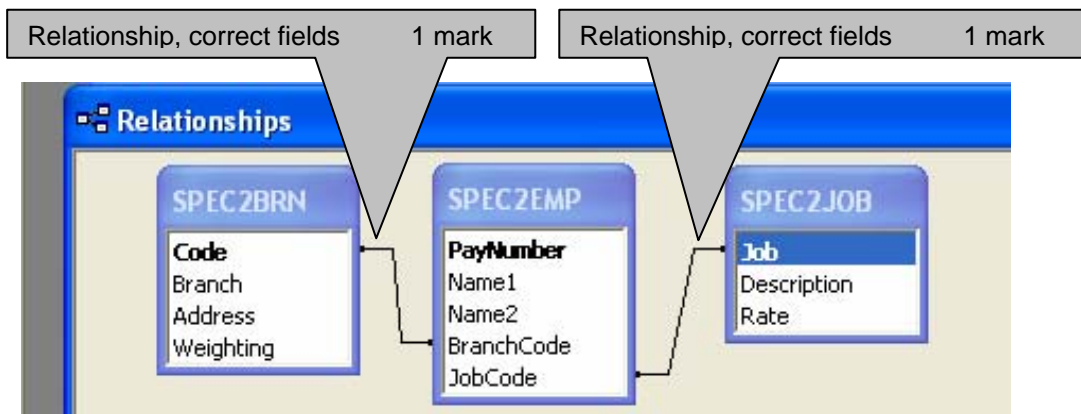


	Field Name	Data Type
Primary Key	Code	Number
	Branch	Text
	Address	Text
	Weighting	Number

Table created 1 mark
 Correct fields & field types 1 mark
 Primary key correct 1 mark

Step 5

Candidate name, centre number and candidate number



Relationship, correct type 1 mark

Relationship, correct type 1 mark

Step 7

Candidate name, centre number and candidate number

Production Workers

Branch	Name1	Name2	Description
Bangalore	Majid	Hegde	Production
Bangalore	Mohamed	Radwan	Production Supervisor

In header 1 mark

Title 100% correct 1 mark

Bangalore	Ken	Hirasaka	Production Supervisor
Bangalore	Nedeem	Pokhrel	Production Supervisor
Bangalore	Dhruv	Chitnis	Production
Bangalore	Vinet	Motwani	Production
Bangalore	Mohamed	Hafez	Production
Bangalore	Mohamed	Ravi	Production Manager
Bangalore	Victoria	Nankani	Production
Bangalore	Shahad	Sharif	Production
Bangalore	Taran	Gupta	Production
Bangalore	Adel	Amer	Production
Bangalore	Michael	Seng	Production
Bangalore	Sama	Dhiman	Production
Bangalore	Sukrit	Dev	Production
Bangalore	Amir	Khan	Production
Bangalore	Mohamed	Solanki	Production
Teni	Uttara	Jain	Production
Teni	Mohammed	Morzaria	Production
Teni	Teng	Liu	Production

Wildcard search on Production 2 marks
 No marks unless correct wildcard search
 Sorted ascending on branch 1 mark
 Correct 4 fields only 1 mark

Step 10

Candidate name, centre number and candidate number

Selection criteria
 Bangalore or Chennai or Vellore 2 marks
 (If additional fields only award 1 mark)
 Column Headings
 Branch names 1 mark

Job categories at selected sites

Title 100% correct 1 mark

Description	Bangalore	Chennai	Vellore
Accounts assistant		1	
Assistant Sales Manager			1
Company Secretary		1	1
Financial Director	1	5	2
Human Resources Consultant		2	
Human Resources Department		4	
Human Resources Manager		1	
Maintenance	2	2	2
Maintenance Manager			1
Managing Director		2	
Production	13		
Production Manager	1		
Production Supervisor	3		
Programmer		7	
Project Manager	1	1	
Sales Assistant		1	8
Sales Director		1	
Sales Manager			1
Web Master		1	

Cross tab
 Created 2 marks
 Values as shown 2 marks
 Selection criteria
 JobCode < 70 (these jobs only) 1 mark
 Row headings
 Description 1 mark

Title 100% correct 1 mark

Pay Field
 Calculated at run time 2 marks
 Rate x Weighting (figures as shown) 2 marks

Step 15

Rates of pay for maintenance employees

<i>Branch</i>	<i>Address</i>	<i>PayNumber</i>	<i>Name1</i>	<i>Name2</i>	<i>Description</i>	<i>Pay</i>
<i>Bangalore</i>	<i>Kempe Gowda Business</i>	SIM0061	Tina	Patidar	Maintenance	58548
		SIM0059	Ankur	Kari	Maintenance	58548
						117096
<i>Chennai</i>	<i>Madras House</i>	SIM0022	Kratika	Agrawal	Maintenance	60270
		SIM0020	Dhruv	Malviya	Maintenance	60270
						120540
<i>Goa</i>	<i>Badem Plaza</i>	SIM0062	Kush	Patel	Maintenance	61992
		SIM0068	Nripesh	Kelotra	Maintenance Manager	110700
						172692
<i>Vellore</i>	<i>Parklands</i>	SIM0094	Sukan	Pokhrel	Maintenance Manager	102500
		SIM0069	Majid	Afana	Maintenance	57400
		SIM0054	Diego	Pastero	Maintenance	57400
					217300	
					627628	

By A Candidate, Candidate 99999, Centre XX999.

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Selection criteria
 JobCode >30 & <39 (these jobs only) 2 marks
 Fields
 Only these 7 fields shown 1 mark
 Grouping
 Grouped by branch 2 marks
 Address shown within group header 1 mark
 Group footer – correct subtotal 1 mark
 Report footer
 Name, centre no, candidate number 1 mark
 Calculated control for sum (correct) 2 marks
 Single page 1 mark

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Title 100% correct 1 mark

Step 17

Maintenance employees summary

<i>Branch</i>	<i>Address</i>	<i>PayNumber</i>	<i>Name1</i>	<i>Name2</i>	<i>Description</i>	<i>Pay</i>
<i>Bangalore</i>	<i>Kempe Gowda Business</i>	SIM0061	[REDACTED]	[REDACTED]	Maintenance	
		SIM0059	[REDACTED]	[REDACTED]	Maintenance	
						117096
<i>Chennai</i>	<i>Madras House</i>	SIM0022	[REDACTED]	[REDACTED]	Maintenance	
		SIM0020	[REDACTED]	[REDACTED]	Maintenance	
						120540
<i>Goa</i>	<i>Badem Plaza</i>	SIM0062	[REDACTED]	[REDACTED]	Maintenance	
		SIM0068	[REDACTED]	[REDACTED]	Maintenance Manager	
						172692
<i>Vellore</i>	<i>Parklands</i>	SIM0094	[REDACTED]	[REDACTED]	Maintenance Manager	
		SIM0069	[REDACTED]	[REDACTED]	Maintenance	
		SIM0054	[REDACTED]	[REDACTED]	Maintenance	
						217300
<i>By A Candidate, Candidate 99999, Centre XX999.</i>						627628

Name1 'black text and background' 1 mark
 Name2 'black text and background' 1 mark

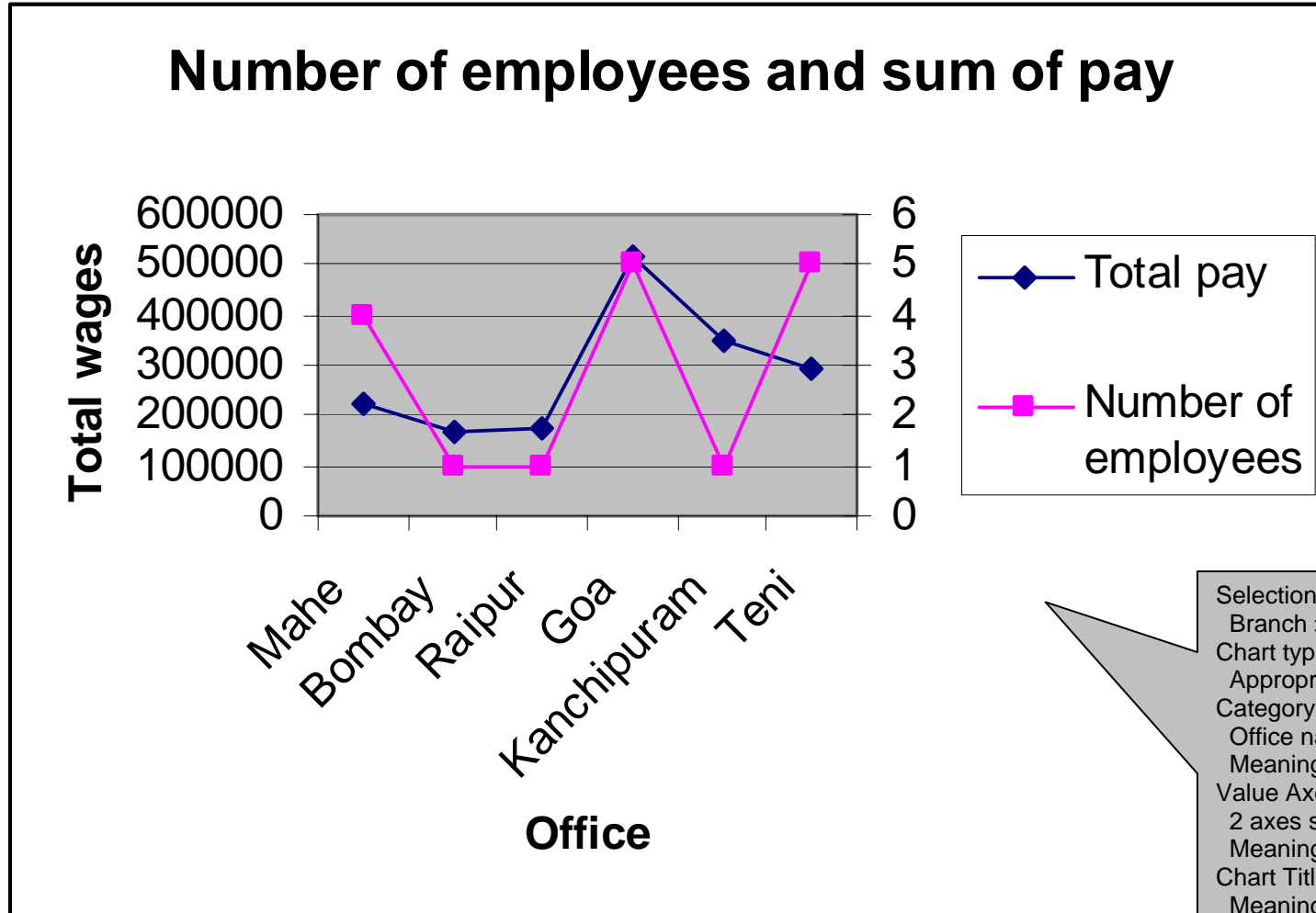
Individual pay figures invisible 1 mark
 Subtotals and total still as original print 1 mark

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Step 18

Candidate name, centre number and candidate number



Selection criteria	
Branch ≥ 4 (these offices only)	2 marks
Chart type	
Appropriate (Comparative line or bar)	2 marks
Category Axis	
Office names in full	1 mark
Meaningful & appropriate axis label	1 mark
Value Axes	
2 axes shown	1 mark
Meaningful & appropriate axis labels	2 marks
Chart Title	
Meaningful & appropriate chart title	1 mark
Title of appropriate size	1 mark
Series labels	
Visible, correct and appropriate (may be in a legend)	2 marks

Step 34

Candidate name, centre number and candidate number

Formulae Used

Title 100% correct 1 mark

	D	E	F
4	OfficeCode	Office	JobCode
5	=VALUE(MID(A5,8,1))	=VLOOKUP(D5,['SPEC2BRN.csv']SPEC2BRN!\$A\$1:\$D\$10,2)	=VALUE(RIGHT(A5,3))
6	=VALUE(MID(A6,8,1))	=VLOOKUP(D6,['SPEC2BRN.csv']SPEC2BRN!\$A\$1:\$D\$10,2)	=VALUE(RIGHT(A6,3))
10	=VALUE(MID(A10,8,1))	=VLOOKUP(D10,['SPEC2BRN.csv']SPEC2BRN!\$A\$1:\$D\$10,2)	=VALUE(RIGHT(A10,3))
21	=VALUE(MID(A21,8,1))	=VLOOKUP(D21,['SPEC2BRN.csv']SPEC2BRN!\$A\$1:\$D\$10,2)	=VALUE(RIGHT(A21,3))
26	=VALUE(MID(A26,8,1))	=VLOOKUP(D26,['SPEC2BRN.csv']SPEC2BRN!\$A\$1:\$D\$10,2)	=VALUE(RIGHT(A26,3))
30	=VALUE(MID(A30,8,1))	=VLOOKUP(D30,['SPEC2BRN.csv']SPEC2BRN!\$A\$1:\$D\$10,2)	=VALUE(RIGHT(A30,3))
33	=VALUE(MID(A33,8,1))	=VLOOKUP(D33,['SPEC2BRN.csv']SPEC2BRN!\$A\$1:\$D\$10,2)	=VALUE(RIGHT(A33,3))
34	=VALUE(MID(A34,8,1))	=VLOOKUP(D34,['SPEC2BRN.csv']SPEC2BRN!\$A\$1:\$D\$10,2)	=VALUE(RIGHT(A34,3))
41	=VALUE(MID(A41,8,1))	=VLOOKUP(D41,['SPEC2BRN.csv']SPEC2BRN!\$A\$1:\$D\$10,2)	=VALUE(RIGHT(A41,3))
43	=VALUE(MID(A43,8,1))	=VLOOKUP(D43,['SPEC2BRN.csv']SPEC2BRN!\$A\$1:\$D\$10,2)	=VALUE(RIGHT(A43,3))
44	=VALUE(MID(A44,8,1))	=VLOOKUP(D44,['SPEC2BRN.csv']SPEC2BRN!\$A\$1:\$D\$10,2)	=VALUE(RIGHT(A44,3))
45	=VALUE(MID(A45,8,1))	=VLOOKUP(D45,['SPEC2BRN.csv']SPEC2BRN!\$A\$1:\$D\$10,2)	=VALUE(RIGHT(A45,3))
46	=VALUE(MID(A46,8,1))	=VLOOKUP(D46,['SPEC2BRN.csv']SPEC2BRN!\$A\$1:\$D\$10,2)	=VALUE(RIGHT(A46,3))
48	=VALUE(MID(A48,8,1))	=VLOOKUP(D48,['SPEC2BRN.csv']SPEC2BRN!\$A\$1:\$D\$10,2)	=VALUE(RIGHT(A48,3))
50	=VALUE(MID(A50,8,1))	=VLOOKUP(D50,['SPEC2BRN.csv']SPEC2BRN!\$A\$1:\$D\$10,2)	=VALUE(RIGHT(A50,3))
53	=VALUE(MID(A53,8,1))	=VLOOKUP(D53,['SPEC2BRN.csv']SPEC2BRN!\$A\$1:\$D\$10,2)	=VALUE(RIGHT(A53,3))
56	=VALUE(MID(A56,8,1))	=VLOOKUP(D56,['SPEC2BRN.csv']SPEC2BRN!\$A\$1:\$D\$10,2)	=VALUE(RIGHT(A56,3))

OfficeCode
 Mid function used 1 mark
 Correct cell reference 1 mark
 Eighth position in string 1 mark
 1 character extraction 1 mark
 Turned into a numeric value 1 mark

Office
 Correct Lookup used 1 mark
 Correct cell reference 1 mark
 Referenced to correct external file 1 mark
 Correct range 1 mark
 Correct column reference for return value 1 mark

JobCode
 Right function used 1 mark
 Correct cell reference 1 mark
 3 character extraction 1 mark
 Turned into a numeric value 1 mark

Specified columns only	1 mark
Row and Column headings	1 mark

G	H
Rate	Salary
=VLOOKUP(F5,['SPEC2JOB.csv']SPEC2JOB!\$A\$1:\$C\$46,3)	=IF(D5<3,G5*THREE,IF(D5=3,G5*TWO,G5*ONE))
=VLOOKUP(F6,['SPEC2JOB.csv']SPEC2JOB!\$A\$1:\$C\$46,3)	=IF(D6<3,G6*THREE,IF(D6=3,G6*TWO,G6*ONE))
=VLOOKUP(F10,['SPEC2JOB.csv']SPEC2JOB!\$A\$1:\$C\$46,3)	=IF(D10<3,G10*THREE,IF(D10=3,G10*TWO,G10*ONE))
=VLOOKUP(F21,['SPEC2JOB.csv']SPEC2JOB!\$A\$1:\$C\$46,3)	=IF(D21<3,G21*THREE,IF(D21=3,G21*TWO,G21*ONE))
=VLOOKUP(F26,['SPEC2JOB.csv']SPEC2JOB!\$A\$1:\$C\$46,3)	=IF(D26<3,G26*THREE,IF(D26=3,G26*TWO,G26*ONE))
=VLOOKUP(F30,['SPEC2JOB.csv']SPEC2JOB!\$A\$1:\$C\$46,3)	=IF(D30<3,G30*THREE,IF(D30=3,G30*TWO,G30*ONE))
=VLOOKUP(F33,['SPEC2JOB.csv']SPEC2JOB!\$A\$1:\$C\$46,3)	=IF(D33<3,G33*THREE,IF(D33=3,G33*TWO,G33*ONE))
=VLOOKUP(F34,['SPEC2JOB.csv']SPEC2JOB!\$A\$1:\$C\$46,3)	=IF(D34<3,G34*THREE,IF(D34=3,G34*TWO,G34*ONE))
=VLOOKUP(F41,['SPEC2JOB.csv']SPEC2JOB!\$A\$1:\$C\$46,3)	=IF(D41<3,G41*THREE,IF(D41=3,G41*TWO,G41*ONE))
=VLOOKUP(F43,['SPEC2JOB.csv']SPEC2JOB!\$A\$1:\$C\$46,3)	=IF(D43<3,G43*THREE,IF(D43=3,G43*TWO,G43*ONE))
=VLOOKUP(F44,['SPEC2JOB.csv']SPEC2JOB!\$A\$1:\$C\$46,3)	=IF(D44<3,G44*THREE,IF(D44=3,G44*TWO,G44*ONE))
=VLOOKUP(F45,['SPEC2JOB.csv']SPEC2JOB!\$A\$1:\$C\$46,3)	=IF(D45<3,G45*THREE,IF(D45=3,G45*TWO,G45*ONE))
=VLOOKUP(F46,['SPEC2JOB.csv']SPEC2JOB!\$A\$1:\$C\$46,3)	=IF(D46<3,G46*THREE,IF(D46=3,G46*TWO,G46*ONE))
=VLOOKUP(F48,['SPEC2JOB.csv']SPEC2JOB!\$A\$1:\$C\$46,3)	=IF(D48<3,G48*THREE,IF(D48=3,G48*TWO,G48*ONE))
=VLOOKUP(F50,['SPEC2JOB.csv']SPEC2JOB!\$A\$1:\$C\$46,3)	=IF(D50<3,G50*THREE,IF(D50=3,G50*TWO,G50*ONE))
=VLOOKUP(F53,['SPEC2JOB.csv']SPEC2JOB!\$A\$1:\$C\$46,3)	=IF(D53<3,G53*THREE,IF(D53=3,G53*TWO,G53*ONE))
=VLOOKUP(F56,['SPEC2JOB.csv']SPEC2JOB!\$A\$1:\$C\$46,3)	=IF(D56<3,G56*THREE,IF(D56=3,G56*TWO,G56*ONE))

Rate	
Correct Lookup used	1 mark
Correct cell reference	1 mark
Referenced to correct external file	1 mark
Correct range	1 mark
Correct column reference for return value	1 mark

Replication	
All formulae fully visible	1 mark
All labels fully visible	1 mark

Salary	
Nested IF (or appropriate alternative)	2 marks
< 3 and correct formulae (works)	1 mark
= 3 and correct formulae (works)	1 mark
> 3 and correct formulae (works)	1 mark
If all 3 references to row D correct	1 mark
(Allow named range)	
If all 3 references to row G correct	1 mark
(Allow named range)	
Correct named cells	3 marks

Step 35

Content (K & U)

5 from:

Identify issues relating to:

the validity of the data

- phraseology used/rhetoric/irony

how a user could identify the author/provider.

- links may identify the originator/other similar organisations/competitors
- advertisements may be present for competitors
- endorsements

bias in the sites

- with suggested reasons/sales/impairing sales

accuracy of data

currency of data

readability of the data

URL as a means of identifying (eg. .co/.com/.ac/.gov etc)

similarity in the URL/designed to mislead.

[9]

Practical skills

These practical skills will only be awarded marks if there are more than 100 words present.

Word processed document with:

- consistent line spacing
- appropriate margins
- suitable font styles
- suitable font sizes (>10 and <15)
- correct spelling, punctuation and grammar
- <300 words
- single page
- appropriate title.

-1 mark for each error to a minimum of 0 [6]