Bar Charts Past Paper Questions (MS)

Q1.

Question	Answer	Mark	Mark scheme	Additional guidance
	Chart	B1	for correct day labels or a linear scale	Accept key in place of labels Condone bars of varying widths Condone no gaps or inconsistent gaps Labels of Day and Frequency not essential
		M1	for correct bars showing information for at least 3 days	
		A1	for a fully correct bar chart	

Q2.

Question	Answer	Mark	Mark scheme	Additional guidance
(a)	60	B1	cao	May be seen on diagram
(b)	50	B1	cao	May be seen on diagram
(c)	80 : 200	P1	for process to use the number of children, 80 or the total number of men and women, 200 in a ratio or for $\frac{80}{200}$	
		A1	for 80 : 200 oe	Award for a correct ratio even if subsequently incorrectly simplified.

Q3.

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Question		Working	Answer	Mark	Notes
	(a)		Correct frequencies: 4,9,6,3	2	B2 for all frequencies correct (B1 for 2 tallies or 2 frequencies correct)
	(b)		Swimming or 9	1	B1 ft from frequencies or tallies in (a) or diagram in (c)
	(c)		Diagram or chart	3	B1 for labelling horizontal axis with activities B1 for linear scale labelled frequency oe B1 for accurately representing the data ft from their frequencies or tallies in (a)

Q4.

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Question	Working	Answer	Mark	Notes
(a)	6, 2 8, 4	Frequency table	2	M1 for 3 tallies or frequencies correct A1 for all frequencies correct
(b)		Correct chart	3	M1 Bar Chart (or stick graph) with at least 3 bars (sticks) A1 ft their frequencies for 4 bars (sticks) correct heights (ft) A1 fully labelled **Or** M1 Pictogram or pie chart with at least 3 rows showing A1 ft their frequencies for 4 rows or sectors correct (ft) A1 labels and key
(c)		Clover	1	B1 ft table or chart

Q5.

PAPER: 1MA0_1F					
Question		Working	Answer	Mark	Notes
	(a)		4,8,3,3,2	2	M1 for at least 2 tallies or 2 frequencies correct A1 for 5 correct frequencies
	(b)		correct graph	3	M1 for bar chart or other suitable chart with at least 2 correct frequencies drawn for their scale (ft from (a)) M1 for all bars labelled and vertical axis correctly scaled A1 for accurately representing their data, with all labels, ft from (a)

Q6.

PAPER: 5MB1F_01					
Question		Working	Answer	Mark	Notes
*	(a)		diagram or chart	4	B1 for a key or suitable labels to identify Harry and Shamus B1 for horizontal or vertical axis labelled B1 for at least 3 correct plots C1 for fully correct diagram(s) or charts(s)
	(b)		comparisons	2	B1, B1 ft for any two correct comparisons.

Q7.

Question		Working	Answer	Mark	Notes
			Diagram or chart	4	B1 for a key or suitable labels to identify the Wizard and Reds. The key may be ignored if unclear provided the graph is clear, ie if different colours are used to shade in the graph. B1 for a diagram(s) or chart(s) set up for comparison showing data for at least 3 months eg dual bar chart, composite bar charts, frequency polygon, etc. B1 for correct heights for Wizards or Reds or totals C1 for a fully correct diagram or chart.

Q8.

PAPER: 5MB1F_01					
Question		Working	Answer	Mark	Notes
*			Diagram or chart	4	B1 for a key or suitable labels to identify Trudy and Phil B1 for horizontal or vertical axis labelled B1 for at least 3 correct plots C1 for fully correct diagram(s) or chart(s)

Q9.

Question	Working	Answer	Mark	Notes
(a)		Monday and Friday	2	B1 for Monday B1 for Friday
(b)	Alfie 6 + 8.5 + 8 + 4.5 + 4.5 = 31.5 Viv 7 + 8.5 + 6 + 3 + 5 = 29.5 31.5 – 29.5 or –1 + 0 + 2 + 1.5 – 0.5	2 hours	3	M1 for Alfie = 6 + 8.5 + 8 + 4.5 + 4.5 (= 31.5 or 31.30) or Viv = 7 + 8.5 + 6 + 3 + 5 (29.5 or 29.3) Allow one error reading 5 values M1 (dep) for "31.5" – "29.5" (If incorrect values used must be Alfie's total – Viv's total) A1 cao or M1 for at least two of - 1 or 0 or 2 or 1.5 or – 0.5 seen, may be on diagram (ignore signs) M1 for - 1 + 0 + 2 + 1.5 – 0.5 A1 cao