

KENYA NATIONAL EXAMINATION COUNCIL KCSE, 2014

AVIATION TECHNOLOGY PAPER 1 ANALYSIS

Osiligi House, Opposite KCB, Ground Floor
Off Magadi Road, Ongata Rongai | Tel: 0711 88 22 27
E-mail: infosnkenya@gmail.com | Website: www.schoolsnetkenya.com

3.8 AVIATION TECHNOLOGY (450)

The 2014 KCSE examination for Aviation Technology consisted of two papers namely Paper 1 (Theory) and Paper 2 (Practical). The theory was worth 60% while practical was worth 40% of the final mark. The format and weighting of the two papers was the same as in the previous years.

Candidates General Performance

The table below shows candidates' overall performance for the last six years:

Table 16: Candidates' Overall Performance in Aviation Technology from 2009 to 2014

Year	Paper	Candidature	Maximum Score	Mean Score	Standard Deviation
2009	1	68	60	34.84	6.17
	2		40	26.24	3.97
	Overall		100	61.07	9.09
2010	1	52	60	37.76	6.62
	2		40	27.21	2.94
	Overall		100	63.52	11.1
2011	1	70	60	35.49	6.51
	2		40	26.16	3.04
	Overall		100	61.26	9.05
2012	1	118	60	34.82	6.63
	2		40	25.08	4.13
	Overall		100	59.90	9.87
2013	1	158	60	33.39	8.24
	2		40	24.94	3.57
	Overall		100	58.33	10.76
2014	1	160	60	31.98	9.03
	2		40	20.59	4.92
	Overall		100	52.58	13.32

From the table above, the following observations can be made:

- (i) The candidature increased slightly from **158** in 2013 to **160** in 2014.
- (ii) The mean score dropped from **58.33** in 2013 to **52.58** in 2014.
- (iii) However the standard deviation improved from **10.76** in 2013 to **13.32** in 2014.

3.8.1 Aviation Technology Paper 1 (450/1)

The questions which were reported to have been poorly responded have been analyzed with a view to pointing out candidates' weaknesses and propose suggestions on some remedial measures that need to be taken in order to improve performance in future. The questions for discussions include 4, 5, 6, 7, 8, 11 and 14.