



# basic education

Department:  
Basic Education  
REPUBLIC OF SOUTH AFRICA

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TO: HEADS OF EXAMINATIONS  
HEADS OF CURRICULUM

## EXAMINATION INSTRUCTION NO.15 OF 2014

### CONTENT AREAS FOR LIFE SCIENCES PAPERS (NSC) NOVEMBER 2014 EXAMINATIONS

1. The admission letter of each candidate writing the National Senior Certificate (NSC) examinations contains the personalised time-table of the candidate.
2. For those registered for the Life Sciences, the time-table outlines the content area to be assessed in each of the two papers. This information however, was inadvertently based on the previous content framework and not on the CAPS for the Life Sciences.
3. Consequently, all candidates should be informed timeously that the content area for each of the two papers (scheduled for 21 and 24 November 2014) shall be in accordance with the stipulations of the Life Sciences CAPS document as represented on page 73, and not as indicated on the candidate's admission letters.
4. It would be advisable to provide candidates with a copy of the contents of page 73, contained in **Annexure A** of this examination instruction.
5. If there are any queries regarding this examination instruction, these should be directed to Ms PE Ogunbanjo, Telephone (012) 357 3909; Fax (012) 328 6878; E-mail: ogunbanjo.p@dbe.gov.za

  
DR RR POLIAH

CHIEF DIRECTOR: NATIONAL ASSESSMENT AND PUBLIC EXAMINATIONS

DATE: 17-11-14

# ANNEXURE A

## Annexure A - Topics for Grade 12 CAPS Life Sciences examination papers

### 4.5.3 Grade 12

The examination will consist of two examination papers of 2½ hours and 150 marks each. The weighting and assessment of topics in Paper 1 and Paper 2 will be as follows:

#### Paper 1

Topic	Time	Weighting	
		%	Marks
<b>T 1</b>			
• Meiosis	1 week	7	11
• Reproduction in Vertebrates	½ week	4	6
• Human Reproduction	3 weeks	21	31
<b>T2</b>			
• Responding to be environment (humans)	4 weeks	27	40
<b>T3</b>			
• Human endocrine system	1½ weeks	10	15
• Homeostasis in humans	1 week	7	11
• Responding to the Environment (plants)	1 week	7	11
<b>T4</b>			
• Human impact (Grade 11)	2½ weeks	17	25
<b>Totals</b>	<b>14½ weeks</b>	<b>100%</b>	<b>150</b>

#### Paper 2

Topic	Time	Weighting	
		%	Marks
<b>T 1</b>			
• DNA: Code of Life	2½ weeks	19	27
• Meiosis	1 week	7	12
<b>T 2</b>			
• Genetics and Inheritance	4 weeks	30	45
<b>T3</b>			
• Evolution through Natural Selection	2 weeks	15	23
<b>T 3/T4</b>			
• Human evolution	4 weeks	29	43
<b>Totals</b>	<b>13½ weeks</b>	<b>100%</b>	<b>150</b>

The weighting per topic must serve only as a guideline to teachers and examiners and is included to ensure that all topics are adequately covered in examinations. The number of marks per topic is not expected to be exactly according to this weighting in the examination papers.