**Where new or specific content / terms / concepts indicated in the DBE 2017 Examination Guidelines are covered in the Study Opportunities 2nd Edition CAT textbooks:**

| **Content / Term / Concept from 2017 Guidelines** | **Computers, part of your life – Second Edition** |
| --- | --- |
| ***Grade 10*** | ***Grade 11*** | ***Grade 12*** |
| ***Paper 1: Word*** |
| **Use of electronic forms**Legacy controls used to answer questions on electronic forms |  | 146 | 250 |
| **Referencing functions**IndexTable of Figures |  | 173169 |  |
| ***Paper 1: Excel*** |
| **Basic date and time functions**TODAY, NOWYEAR, MONTH, DAY, DAYSHOUR, MINUTE, TIME | 253 |  | 159161162 |
| **Variations of known functions**COUNTIFSSUMIFS |  |  | 166166 |
| **Additional functions**SUBTOTALRANDBETWEEN | 253 | 192194 | 157157 |
| **A combination of more than one function may be required to solve more complex problems** | This refers to the ‘building block’ approach which is encouraged in solving more complex problems in *Excel*. Examples may be found in the practical activities of the Grade 12 Module 7.2 ‘Working smarter’. |
| ***Paper 2: Theory – Clarification of existing content in CAPS*** |
| Phablet |  | 5 | 6 |
| Solid-state drive (SSD) |  | 34 | 32 |
| 3D printing / printers |  | 21, 24 | 27 |
| Micro-USB |  | 6 |  |
| Multi-touch screen | 65 | 17 |  |
| Card reader | 73 |  |  |
| URL shortener |  |  | 118 |
| HDMI | 28 | 22 |  |
| NFC |  | 16, 24 |  |
| BYOD |  |  | 89 |
| 802.11 a/b/g/n |  | 78 | 43 |
| LTE | 97 | 92 | 89 |
| Geo-tagging |  |  | 20 |
| Click-jacking |  |  | 104 |
| Crowd funding |  |  | 131 |
| ***Paper 2: Theory – Additional content*** |
| Big data |  |  | 109 |
| Bitcoin |  | 98 |  |
| Digital migration (*You will find this with the answers for Module 7.2, Act 7, No 1, Q 12.3 – on the Grade 12 Teacher DVD*) |  |  | 268 |
| Internet of Things (IoT) |  |  | 87 |
| Mobile or M-Learning |  |  | 47 |
| Ransomware |  | 69, 70 | 75, 104 |
| Screen lock pattern |  |  | 109 |
| Shaping (Network tuning) |  |  | 88 |
| Throttling (Policing) |  | 80 |  |
| Virtual Reality (VR) / Augmented Reality |  |  | 35 |