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|-------------------------|-----------------|
| Subject | Science |
| المادة | العلوم |
| Grade | G06 |
| الصف | السادس |
| Stream | General/Migrant |
| العام/مهاجر وطني | العام |
| Number of Questions | 25 |
| عدد الأسئلة | |
| Type of Questions | MCQs |
| طبيعة الأسئلة | اختيار من متعدد |
| Marks per Question | 5 |
| الدرجات لكل سؤال | |
| Maximum Overall Grade* | 100 |
| العلامة القصوى الممكنة* | |
| Exam Duration | 120 minutes |
| مدة الامتحان | |
| Mode of Implementation | SwiftAssess |
| طريقة التطبيق | |

| Question** | Learning Outcome*** | Reference(s) in the Student Book | |
|------------|---|--|----------------|
| | | Example/Exercise مثال/تمرين | Page الصفحة |
| 1 | SCI.4.2.01.016 Investigates the familiar transformations of energy and the energy-work relationship | SCI.4.2.01.016 يستكشف التحويلات المألوفة في الطاقة وعلاقة الطاقة بالشغل | 181 |
| 2 | SCI.4.2.01.016 Investigates the familiar transformations of energy and the energy-work relationship | SCI.4.2.01.016 يستكشف التحويلات المألوفة في الطاقة وعلاقة الطاقة بالشغل | 182 |
| 3 | SCI.4.2.01.016 Investigates the familiar transformations of energy and the energy-work relationship | SCI.4.2.01.016 يستكشف التحويلات المألوفة في الطاقة وعلاقة الطاقة بالشغل | 192 |
| 4 | SCI.4.2.01.016 Investigates the familiar transformations of energy and the energy-work relationship | SCI.4.2.01.016 يستكشف التحويلات المألوفة في الطاقة وعلاقة الطاقة بالشغل | 195 |
| 5 | SCI.4.1.02.027 Designs and builds models of different machines by comparing them according to the mechanical advantage | Figure 17 | 203 |
| 6 | SCI.4.1.02.026 Investigates simple machines in his environment | SCI.4.1.02.026 يستكشف الآلات البسيطة في بيته | 205-206 |
| 7 | SCI.3.1.01.029 Concludes that cellular organisms need food, water, a way to get rid of waste, and an environment to live | Table 1 page 227 | 222-223 |
| 8 | SCI.3.1.01.029 Concludes that cellular organisms need food, water, a way to get rid of waste, and an environment to live | | 224 |
| 9 | SCI.3.2.01.008 Explains the basic principles of taxonomy and phylogeny by defining the principles of taxonomy and taxonomic relationship such as ex and species | | 233 |
| 10 | SCI.3.2.01.008 Explains the basic principles of taxonomy and phylogeny by defining the principles of taxonomy and taxonomic relationship such as sex and species | Table 2 | 233 |
| 11 | SCI.3.1.01.035 Explains the role of selected technologies in advancing our understanding of cells and their processes | Figure 13 | 244 |
| 12 | SCI.3.1.01.035 Explains the role of selected technologies in advancing our understanding of cells and their processes | | 243 |
| 13 | SCI.3.1.01.034 Explains that living organisms are made of cells and large compounds | Figure 3 | 261-262 |
| 14 | SCI.3.1.01.034 Explains that living organisms are made of cells and large compounds | | 261 |
| 15 | SCI.3.1.01.028 Determines the structure and functions of organelles | Figure 8 | 271 |
| 16 | SCI.3.1.01.028 Determines the structure and functions of organelles | Figure 5 | 269 |
| 17 | SCI.3.1.01.030 Explains the process of diffusion, osmosis and other means of transport and their role within cells | Figure 14 | 283 |
| 18 | SCI.3.1.01.030 Explains the process of diffusion, osmosis and other means of transport and their role within cells | | 284 |
| 19 | SCI.3.1.01.031 Designs a model to describe the function of the cell as a system and to show how the parts of the cell contribute | Figure 17 | 292 |
| 20 | SCI.3.1.01.031 Designs a model to describe the function of the cell as a system and to show how the parts of the cell contribute | Figure 18 | 293 |
| 21 | SCI.4.2.01.016 Investigates the familiar transformations of energy and the energy-work relationship | SCI.4.2.01.016 يستكشف التحويلات المألوفة في الطاقة وعلاقة الطاقة بالشغل | 181 |
| 22 | SCI.4.1.02.026 Investigates simple machines in his environment | SCI.4.1.02.026 يستكشف الآلات البسيطة في بيته | 204 |
| 23 | SCI.3.1.01.029 Concludes that cellular organisms need food, water, a way to get rid of waste, and an environment to live | SCI.3.1.01.029 يستنتج ان الكائنات الحية تحتاج الى الغذاء والى طريقة للتخلص من الفضلات والى بيئة تعيش فيها | 226 |
| 24 | SCI.3.2.01.008 Explains the basic principles of taxonomy and phylogeny by defining the principles of taxonomy and taxonomic relationship such as sex and species | SCI.3.2.01.008 يشرح المبادئ الأساسية لعلم التصنيف وعلم تطور السلالات من خلال تعريف مبادئ التصنيف والعلاقة التصنيفية كالجنس والانواع والاصناف | 234 |
| 25 | SCI.3.1.01.028 Determines the structure and functions of organelles | Figure 11 | 274 |
| * | Best 20 answers out of 25 will count. Example: 14 correct answers yield a grade of 70/100, while 20 and 23 correct answers yield a (full) grade of 100/100 each. | | |
| * | تحسب الاجابة 20 اجابة من 25 مثال: 14 اجابة صحيحة تعطي علامة 70/100 بينما 20 أو 23 اجابة صحيحة تعطي العلامة الكاملة اي 100/100 | | |
| ** | Questions might appear in a different order in the actual exam. قد تظهر الأسئلة بترتيب مختلف في الامتحان الفعلي. | | |
| *** | As it appears in the Diwan book version كما وردت في كتاب الطالب على موقع الديوان | | |