

**2025 SHS1 END OF SEMESTER EXAM APPLIED TECHNOLOGY 1 SOLUTION
PAPER ONE**

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|-------------------------------------------------------------------|----------------------------------|
| 1. A. Fossil fuels | 21. C. The architect |
| 2. C. GRIDCO | 22. C. The quantity surveyor |
| 3. B. NEDCO | 23. A. The contractor |
| 4. A. 240 kV | 24. C. Bulldozer |
| 5. A. Distribution of electricity | 25. B. Grader |
| 6. D. Mechanical energy | 26. C. Excavators |
| 7. C. The engine | 27. C. Gauge box |
| 8. A. External combustion engines | 28. C. Spirit level |
| 9. C. Varacter diode | 29. C. Builder's square |
| 10. C. Photo diode | 30. B. The agent |
| 11. B. Crankshaft | 31. C. Soft wood |
| 12. D. Exhaust manifold | 32. C. Sapwood |
| 13. C. The cylinder head | 33. B. Heartwood |
| 14. C. Gasket | 34. D. Rings |
| 15. B. Cast iron | 35. D. Deforestation |
| 16. A. Anode | 36. D. Saw |
| 17. C. Piston rings | 37. C. Rusting |
| 18. D. Waste Trucks (Zoomline) | 38. B. Timber |
| 19. A. Alternating current (A.C) | 39. D. Degrading the environment |
| 20. B. It can lead to overheating and potentially
cause a fire | 40. B. Hospital |

