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| Problem                                         | Answer | Problem                                             | Answer |
|-------------------------------------------------|--------|-----------------------------------------------------|--------|
| 1. Which organelle contains DNA?                |        | 9. What fills the cell?                             |        |
| 2. Where is ATP mainly made?                    |        | 10. What helps organise cell division?              |        |
| 3. What studs the rough ER?                     |        | 11. Do animal cells have chloroplasts?              |        |
| 4. Which organelle makes lipids?                |        | 12. What carries materials around the cell?         |        |
| 5. What does the nucleolus make?                |        | 13. What controls entry and exit?                   |        |
| 6. Which organelle sorts and packages proteins? |        | 14. Name the jelly-like fluid.                      |        |
| 7. What do lysosomes contain?                   |        | 15. Which kind of microscope shows most organelles? |        |
| 8. What surrounds an animal cell?               |        |                                                     |        |

## Answer key – Animal cell quiz

| #  | Problem                                         | Answer                |
|----|-------------------------------------------------|-----------------------|
| 1  | Which organelle contains DNA?                   | Nucleus               |
| 2  | Where is ATP mainly made?                       | Mitochondria          |
| 3  | What studs the rough ER?                        | Ribosomes             |
| 4  | Which organelle makes lipids?                   | Smooth ER             |
| 5  | What does the nucleolus make?                   | Ribosome parts (rRNA) |
| 6  | Which organelle sorts and packages proteins?    | Golgi apparatus       |
| 7  | What do lysosomes contain?                      | Digestive enzymes     |
| 8  | What surrounds an animal cell?                  | Cell membrane         |
| 9  | What fills the cell?                            | Cytoplasm             |
| 10 | What helps organise cell division?              | Centrioles            |
| 11 | Do animal cells have chloroplasts?              | No                    |
| 12 | What carries materials around the cell?         | Vesicles              |
| 13 | What controls entry and exit?                   | Cell membrane         |
| 14 | Name the jelly-like fluid.                      | Cytosol / cytoplasm   |
| 15 | Which kind of microscope shows most organelles? | Electron microscope   |

### Notes