

## UNIT 2 MODULE 3

### ANSWERS TO PRACTICE EXERCISES

- |                   |                  |                    |                    |                   |                    |
|-------------------|------------------|--------------------|--------------------|-------------------|--------------------|
| <b>1.</b> Valid   | <b>2.</b> Valid  | <b>3.</b> Valid    | <b>4.</b> Invalid  | <b>5.</b> Invalid | <b>6.</b> Invalid  |
| <b>7.</b> Invalid | <b>8.</b> Valid  | <b>9.</b> Valid    | <b>10.</b> Valid   | <b>11.</b> Valid  | <b>12.</b> Invalid |
| <b>13.</b> Valid  | <b>14.</b> Valid | <b>15.</b> Invalid | <b>16.</b> Invalid | <b>17.</b> Valid  | <b>18.</b> Valid   |

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### **PRACTICE EXERCISES**

**1 - 18:** Test the validity of each argument.

1. All horses have hooves. Some horses eat oats. Therefore, some oat-eaters have hooves.
2. Some mammals are bats. All bats can fly. Thus, some mammals can fly.
3. No dogs can talk. Some searchers are dogs. Thus, some searchers can't talk.
4. Some squirrels fly. Some squirrels gather acorns. Therefore, some acorn-gatherers fly.
5. Some scavengers eat road-kill. All crows eat road-kill. Therefore, all crows are scavengers.
6. All successful politicians are persuasive. Some lawyers are persuasive. Thus, some lawyers are successful politicians.
7. Some skaters drink Surge. Some skaters drink Citra. Therefore, some Surge drinkers are Citra drinkers.
8. All tattooers are body-artists. Some tattooers drive Harleys. Therefore, some body-artists drive Harleys.
9. Some multiple-choice questions are tricky. No easy questions are tricky. Therefore, some multiple-choice questions are not easy.
10. Some snails live under rocks. All snails are slimy. Therefore, some things that live under rocks are slimy.
11. All primates are curious. Some primates are carnivores. Thus, some carnivores are curious.
12. All astronauts are bold. Some pilots are not bold. Therefore, some astronauts are not pilots.
13. Some ants are aggressive. All ants are insects. Therefore, some insects are aggressive.
14. All plumbers use monkey wrenches. Some mechanics don't use monkey wrenches. Hence, some mechanics aren't plumbers.
15. All spies are secretive. Some agents aren't spies. Therefore, some agents aren't secretive.
16. Some poodles yap too much. Some dogs are poodles. Therefore, some dogs yap too much.
17. Some poodles are dogs. All poodles yap too much. Thus, some dogs yap too much.
18. All senators are politicians. Some corrupt people aren't politicians. Therefore, some corrupt people aren't senators.