To successfully complete this examination, the applicant will need to be familiar with the topics identified in this outline. The outline is not intended to be used as the sole study material and may not be all inclusive of topics covered in the exam. See "Pesticide Licensing Guide for Oregon" (available online or by calling 503-986-4635) for details on recommended study material.

It is advisable to bring a small, hand held calculator to the exam session to assist in performing calculations. This exam has 100 questions. A score of 70% is needed to pass the exam. **Government issued photo identification (such as a driver’s license) will be required when you check in for testing.**
1) Mosquitoes
   a) Lifecycles
   b) Habits
   c) Control methods
   d) Groups
      i) Aedes
      ii) Culex
      iii) Culiseta
      iv) Coquillettidia
      v) Anopheles

2) Rodents
   a) Habits
   b) Control methods
   c) groups
      i) Rats
         (1) Roof rat
         (2) Norway rat
      ii) Mice

3) Other public health pests
   a) Lifecycles
   b) Habits
   c) Control methods
   d) Groups
      i) Cockroach
      ii) Flies
      iii) Fleas
      iv) Bed bugs
      v) Mites
      vi) Ticks
      vii) Spiders
      viii) Stinging insects

4) Vectored diseases
   a) Mosquitoes
      i) St. Louis encephalitis
      ii) Western equine encephalitis
      iii) West Nile virus
      iv) Dengue
      v) Yellow fever
      vi) Malaria
   b) Ticks
      i) Colorado tick fever
ii) Rocky Mountain spotted fever
iii) Lyme disease
iv) Ehrlichiosis
v) Relapsing fever
vi) Tick Paralysis
vii) Tularemia

c) Others
   i) Plague
   ii) Murine typhus
   iii) Hantavirus pulmonary syndrome
   iv) Dermatitis
   v) Leptospirosis
   vi) Meningitis

5) Pesticides
   a) Aluminum phosphide
   b) Bacillus thuringiensis
   c) Diphacinone
   d) Malathion
   e) Methoprene
   f) Naled
   g) Permethrin
   h) Pyrethrins and pyrethroids
   i) Resmethrin
   j) Temephos
   k) Warfarin
   l) Zinc phosphide

6) Integrated Pest Management
   a) Definition of IPM
   b) Advantages of IPM
   c) Types of control methods
   d) Scouting and monitoring including sampling methods
   e) Economic threshold
   f) Economic injury level

7) Pesticide applications
   a) ULV applications
   b) Aquatic applications
   c) Baiting and trapping
   d) Spray applications

8) Label comprehension
   a) The label is the law
   b) Parts of the label including:
      i) Restricted-use vs general-use
      ii) Precautionary statements
      iii) First aid
      iv) Signal words
      v) Active and other ingredients
vi) Directions for use
vii) Storage and disposal

c) Be able to answer word problems and calculations based on a sample label