Unit 6 - WEEK 05

Assignment 05

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment.

1) Does the fuel-air mixture provided by a fixed carburetor become richer or leaner as the aircraft gains in altitude?
   A) becomes richer
   B) becomes leaner
   C) remains the same
   No answer is correct
   Accepted Answers:
   A) becomes richer

2) Does the fuel-air mixture provided by a fixed carburetor become richer or leaner when carburetor heat is applied?
   A) remains the same
   B) becomes richer
   C) becomes leaner
   No answer is correct
   Accepted Answers:
   B) becomes richer

The engine develops maximum power, when the ratio of oil to gasolene (by weight) is
   A) 8.1
   B) 15.1
   C) 18.1
   D) 12.1
   No answer is correct
   Accepted Answers:
   D) 12.1

4) The proportion of heat released is a mass of charge (fuel and air) is greatest when the ratio is
   A) 8.1
   B) 15.1
   C) 18.1
   D) 12.1
   No answer is correct
   Accepted Answers:
   D) 12.1

5) There is a decrease of power and temperature when
   A) Decrease of fuel used in engine
   B) Increase of fuel used in engine
   C) Increase of temperature
   D) Decrease of temperature
   No answer is correct
   Accepted Answers:
   B) Increase of fuel used in engine

6) To prevent vapor lock in fuel lines at high altitude, some aircraft are equipped with
   A) separator pumps
   B) anti-knock type carburettors
   C) booster pumps
   D) none of these
   No answer is correct
   Accepted Answers:
   C) booster pumps

7) 80-octane is equivalent to
   A) 80 % leucienite and 20 % strontium
   B) 80 % leucienite and 20 % barium
   C) 80 % leucienite and 20 % strontium
   D) none of these
   No answer is correct
   Accepted Answers:
   A) 80 % leucienite and 20 % strontium

8) Uncontrolled explosion of fuel in a combustion chamber is called
   A) ignition
   B) explosion
   C) explosion
   D) none of these
   No answer is correct
   Accepted Answers:
   A) ignition

9) Flashfire is a result of
   A) You fresh mixture and flame propagation
   B) You rich mixture and flame propagation
   C) You fresh mixture and slow flame propagation
   D) You rich mixture and slow flame propagation
   No answer is correct
   Accepted Answers:
   A) You fresh mixture and flame propagation

10) Two types of in-line fuel tanks are available
    A) Wet wing
    B) Dry wing
    C) Wet wing
    D) None of these
    No answer is correct
    Accepted Answers:
    A) Wet wing

Due on 2019-04-01, 23:59 IST