

BHONSALA MILITARY SCHOOL
AEROLYMPICS : 2020-21 (Home Assignment)

Date: 20-03-2020

1. Which week is observed from 4th October to October 10th?
a) World Design Week b) World breastfeeding week
c) World space week d) World water week

2. India's first railway station seen by solar power is _____.
a) Guwahati b) Chandrapur c) Bangalore d) New Delhi

3. Which of the fibres is not a plant product?
a) Hemp b) Cotton c) Flax d) Silk

4. Who appoints the member of the State Public Service Commission?
a) Chief Minister b) Governor c) Chief Justice d) Vice-President

5. The most abundant metal in the Earth's crust is _____.
a) Zinc b) Copper c) Aluminium d) Iron

6. The 2019 General election was held in how many phases?
a) 8 b) 9 c) 6 d) 7

7. Who is credited with the development of polio vaccine?
a) Linus Pauling b) Jonas Salk
c) Melvin Calvin d) Selman Waksman

8. First English news paper in India?
a) The Bengal Gazette b) The Calcutta Gazette
c) The Bengal Journal d) The Bombay Herald

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1. Who invented first aeroplane (full name)?
2. Jet engine works on which principle?
3. Which section contributes to lift generation?
4. Which is lightest material used for fabrication of indigenous helicopter?
a) Al-alloy b) Duraluminium c) Composite material d) Titanium
5. Fly-by-wire incorporated in which of the following.
a) MiG-21 b) Mig-27 c) LCA d) None of the above
6. Combustion process of
a) Mix of air + fuel b) Fuel + ignition c) Ignition + air d) Air + fuel + ignition
7. Abbreviation of MAV
a) Manned Aerial Vehicle b) Maneuver Air Vehicle
c) Micro Air Vehicle d) None of the above
8. Latest engineering material lightest in weight.
a) Brass b) Copper c) Al-alloys d) Mg
9. What are four forces of flight?
a) Lift & Weight b) Thrust & Drag c) Both a & b d) None of the above
10. Rockets are self-berating engine or not?
a) True b) False
11. There is no moving parts in scramjet?
a) True b) False
12. What is the purpose of coating on the metal?
13. Su-30 is originated from which country?
14. What is unit of density?
a) N-m b) Lb/in c) Kg/cm³ d) None of the above
15. HIT-40 aircraft has which kind of engine?
a) Turbojet b) Turbofan c) Turboprop d) Turboshaft

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1. _____ delivers first AH-64 Apache combat helicopter.
2. Where is the headquarters of Lakshmi Vilas Bank situated?
3. Indian Army's biggest mountain combat exercise 'Him Vijay' was conducted in which state?
4. The G20 2020 summit will be held in which of the following cities?
5. What is theme for the World Teacher's Day 2019?
6. In which city did Defence minister Rajnath Singh attend the meeting of the Council of Heads of Government (CHG) of Shanghai cooperation organisation (SCO)?
7. Name the project recently initiated by ISRO to safeguard Indian Space assets from debris and other harm.
8. Who is the first Lieutenant governor of the Union territory of Ladakh?
9. Indian Army's biggest mountain combat exercise 'Him Vijay' was conducted in which state?
10. Which company has signed up world badminton champion Pusalra Venkata Sindhu(PV Sindhu) as its brand ambassador for two years?