

English:

Synonyms:

1. PRECARIOUS - Uncertain
2. Proponent - Supporter

Antonyms:

1. Intrinsic - Acquired
2. Colossal - Small, Miniscule, Tiny

Idioms -

1. HAUL OVER THE COALS - To scold, reprimand, or reprove someone severely for an error or mistake.
2. TAKE TIME BY THE FORELOCK - To seize an opportunity.

One Word Substitution:

1. A divine force that some people believe controls our lives and in a way protects us is called
- PROVIDENCE (Meaning- Fate, Destiny)
(Options: Universal, Spiritual, Providence & Metaphysics)

Fill in the blanks:

1. You must _____ to the rules followed by our company.
(Answer - conform to)
2. An honest person lives by _____ ?
ANSWER - The sweat of one's brows. (meaning- by one's own hard work)
3. A light breeze _____ the forest fire and made it more dangerous.
ANSWER- Fanned the forest fire

General Awareness

1. Working principle of hydrogen bomb - **Nuclear Fusion**
2. FACT CHECK Module aims to _____ ? Ans. **Check accuracy of official data**
3. Rings of Olympic Flag, arrange in left to right direction ? Ans. **blue, yellow, black, green and red.**
4. Match :
Ex varuna - **French**
Ex Indra - **Russia**
Ex Maitree - **Thailand**
Ex Garudshakti - **Indonesia**
5. Largest ecosystem of earth? Ans. **Hydrosphere**
6. Light house of mediterranean? Ans. **Stromboli Volcano**
7. Author of play "andher nagari chaupat raja"? Ans. **Bharatendu Harishchandra**
8. Instrument used for measuring humidity or amount of water vapour? **Hygrometer**
9. NASA + ESA + Italian Space Agency probe to Saturn ? Ans. **Cassini**
10. Ustad Bismillah Khan - **Shehnai**
Ustad Vilayat Khan - **Sitar**
Amjad Ali Khan - **Sarod**
Shri VG Jog - **Violin**
11. Match :



52nd CAA - **Anti-defection**

73rd CAA - **Panchayati Raj**

61st CAA - **Reduction in voting age**

86th CAA - **RTE**

12. Gandhi ji presided which congress session ? **Belgaum**
13. Where are the Headquarters of the United News Agency? **Ans. New Delhi**
14. Which is not a part of Defence Ministry ?
A. Dept of Ex servicemen welfare
B. Dept of Defence Production
C. Dept of Defence Intelligence - Correct answer
D. Dept of DRDO
15. India is divided into how many seismic zones ? **Ans. 4**
16. Integrated electronic warfare system name ? **Ans. Samyukta**
17. Statements about Tejas Aircraft -
1. Multirole
2. Developed by HAL
3. Advanced electronically scanned array (AESA) radar, beyond visual range (BVR) missiles
Ans. All correct
18. Motto of Territorial Army ? **Ans. Savdhani Va Shoorta (Vigilance and Valour)**
19. Which District awarded the PM Award for excellence on Public Admin 2021 ? **Ans. Datia Dist, MP**
20. Multirole Fighter of IAF having electronic warfare systems and the ability to carry the BrahMos cruise missile ? Options - MIG 29k , C-130 J, Su 30 Mk1, Jaguar.
Ans. Sukhoi 30 Mk 1
21. International Court of Justice Headquarter - **The Hague, Netherland**
22. On which river is Washington DC situated ? **Ans. Potomac River**

Numerical Ability

If two positive integers p and q can be expressed as $p = ab^2$ and $q = a^3b$; a, b being

1. prime numbers, then LCM (p, q) is
Ans.

$$p = ab^2 = a \times b \times b$$

$$q = a^3b = a \times a \times a \times b$$

$$\text{L.C.M of } p, q \text{ is } a^3b^2$$

2. The ratio of the length of a rectangle is 3:2. If the length of the rectangle is 5 m more than the breadth, find the perimeter of the rectangle.
Ans. 50m
3. What is the probability of getting a sum of 7 when two dice are rolled?
Ans. 1/6
4. Find the time at which clock hands coincide between 5 & 6 ?
Ans: 27(3/11) minutes Past 7



Reasoning & Military Aptitude

Analogy

1. Injury: Helmet :: Flood : ?(Levee)

Ans. A levee prevents a flood, and a helmet prevents injury.

2. Odd one out

Singing, Playing, Writing, Breathing

Ans. Breathing

All except Breathing are voluntary activities

3. Library : Librarian :: : Curator

Ans. museum

Curator takes care of the museum.

4. Vein Diagram

1. Oil, lamp, wick

Ans.



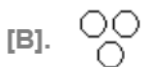
Oil and Wick are different from each other, but they both are used in lamp.

5. Odd one out

cone prism cube square

Ans. Square (all are 3-dimensional figure, but the square is 2 Dimensional Figure)

Which of the following diagrams indicates the best relation between Oil, Wick and Lamp ?



Answer: Option D



2.

Blood relation -

Odd one out

1. March, November, August, July

Ans: November

Explain : It has only 30 days, while all other months have 31 days.

2. Cone, Prism, Cube, Square

Ans: Square

Explain : All the other figures are in 3D, Square in 2D.

