

# CDS

# Important General Knowledge Questions

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POWERED BY:



### Question Set

- Vitamin B12 deficiency causes pernicious anaemia. Animals cannot synthesize vitamin B12. Humans must obtain all their vitamin B12 from their diet. The complexing metal ion in vitamin B12 is :  
A.  $Mg^{2+}$  (Magnesium ion)  
B.  $Fe^{2+}$  (Iron ion)  
C.  $Co^{3+}$  (Cobalt ion)  
D.  $Zn^{2+}$  (Zinc ion)
- Deficiency of fluoride leads to which one of the following health problems?  
A. Tooth caries  
B. Mottling of tooth  
C. Bending of bones  
D. Stiffening of joints
- Which one of the following elements is essential for the formation of chlorophyll in green plants?  
A. Calcium                      B. Iron  
C. Magnesium                  D. Potassium
- Which one among the following polymers is used for making bulletproof material?  
A. Polyvinyl chloride  
B. Polystyrene  
C. polyethylene  
D. Polyamide
- The spring constant of a spring depends on its  
A. length only  
B. material only  
C. length and its diameter  
D. thickness, its diameter and its material
- A circuit has a fuse having a rating of 5 A. What is the maximum number of 100 W-220 V bulbs that can be safely connected in parallel in the circuit?  
A. 20                                  B. 15  
C. 11                                  D. 10
- Which of the following National Parks of India are declared as World Heritage by UNESCO?  
1) Keoladeo National Park  
2) Sundarbans National Park  
3) Kaziranga National Park  
4) Ranthambore National Park  
Select the correct answer using the code given below.  
A. 1 and 2 only      B. 1, 2 and 3 only  
C. 3 and 4 only      D. 1, 2, 3 and 4

- Which one of the following Indian States has the highest percentage of Scheduled Tribe population to its total population?  
A. Mizoram  
B. Nagaland  
C. Meghalaya  
D. Arunachal Pradesh
- Match List-I with List-II and select the correct answer using the code given below the Lists:

List-I (Strait)	List-II (Water Body)
A. Strait of Hormuz	1. Java Sea
B. Strait of Bab-el-Mandeb	2. Andaman Sea
C. Strait of Malacca	3. Red Sea
D. Strait of Sunda	4. Gulf of Persia

- A-4 B-2 C-3 D-1
  - A-1 B-3 C-2 D-4
  - A-1 B-2 C-3 D-4
  - A-4 B-3 C-2 D-1
- Consider the following statements.  
(1) Lala Lajpat Rai was killed during a lathi charge against Simon Commission.  
(2) Bhagat Singh and Rajguru killed the British officer who ordered the Lathi-Charge to avenge Lala Lajpat Rai's death.  
Which of the above statements are true?  
A. Only 1                      B. Only 2  
C. Both 1 and 2      D. Neither 1 nor 2
  - Which of the following was the impact of 1857 revolt?  
A. End of Mughal Rule.  
B. End of Peshwaship.  
C. Doctrine of Lapse was ended.  
D. All of the above.
  - Who founded the ancient city of 'Bhagyanagar'?  
A. Akbar  
B. Aurangzeb  
C. Quli Qutub Shah  
D. Krishna Deva Raya
  - The important source for Akbar's reign, Tarikh-i-Akbari was written by which one of the following Persian language scholars?  
A. Arif Qandahari  
B. Bayazid Bayat  
C. Abdul Qadir Badauni  
D. Nizamuddin Ahmad

14. Consider the following statements about Harappan cities:  
1) Roads were not always straight and did not always cross one another at right angles.  
2) A striking feature is the uniformity in the average size of the bricks for houses and for city walls.  
Which of the statements given above is/are correct?  
A. 1 only                      B. 2 only  
C. Both 1 and 2      D. Neither 1 nor 2
15. What is meant by price discrimination?  
A. Increase in price of a commodity over time  
B. A situation where the same product is sold to different consumers for different prices  
C. Subsidization of a product by the Government to sell it at a lower price  
D. General decrease in price of a commodity over time
16. The phenomenon of 'demographic dividend' of a country relates to  
A. a sharp decline in total population  
B. an increase in working age population  
C. a decline in infant mortality rate  
D. an increase in sex ratio
17. In India, the term 'hot money' is used to refer to  
A. Currency+ Reserves with the RBI  
B. Net GDR  
C. Net Foreign Direct Investment  
D. Foreign Portfolio Investment
18. According to the Election Commission of India, in order to be recognized as a 'National Party', a political party must be treated as a recognized political party in how many States?  
A. At least two States  
B. At least three States  
C. At least four States  
D. At least five States
19. The Sixth Schedule of the Constitution of India pertains to the administration of tribal areas in which of the following States?  
A. Assam, Meghalaya, Tripura and Mizoram  
B. Meghalaya, Tripura, Manipur and Mizoram  
C. Assam, Manipur, Meghalaya and Tripura  
D. Manipur, Meghalaya, Tripura and Arunachal Pradesh
20. According to the provisions of the Constitution of India, which one of the following is *not* a fundamental duty?  
A. To respect the National Flag  
B. To defend the country  
C. To provide education to one's child  
D. To promote village and cottage industries
21. The 'Shillong Declaration' is based on  
A. Food Security Act  
B. Right to Education Act  
C. Prevention of Corruption Act  
D. Right to Information Act
22. Under which law it is prescribed that all proceedings in the supreme court of India shall be in English languages?  
A. The supreme court rules, 1966  
B. A Legislation made by the parliament  
C. Article 145 of the constitution of India  
D. Article 348 of the constitution of India.
23. Two wires are made having same length  $l$  and area of cross-section  $A$ . Wire 1 is made of copper and wire 2 is made of aluminium. It is given that the electrical conductivity of copper is more than that of aluminium. In this context, which one of the following statements is correct?  
A. The resistance of wire 1 will be higher than that of wire 2  
B. The resistance of wire 2 will be higher than that of wire 1  
C. The resistance of both the wires will be the same.  
D. If same current is flown through both the wires, the power dissipated in both the wires will be the same.
24. A person rings a metallic bell near a strong concrete wall. He hears the echo after 0.3 s. If the sound moves with a speed of 340 m/s, how far is the wall from him?  
A. 102 m  
B. 11 m  
C. 51 m  
D. 30 m

25. Which of the following cells do not contain nucleus?  
1) Root hair cells  
2) Red blood cells  
3) Platelets  
4) Monocytes  
Select the correct answer using the code given below.  
A. 1 only                      B. 2 and 3 only  
C. 1, 2 and 4                D. 2, 3 and 4
26. The first South Asian Association for Regional Cooperation (SAARC) Agri Cooperative Business Forum was held in \_\_\_\_\_.  
A. New Delhi                B. Dhaka  
C. Kathmandu              D. Tokyo
27. Samudra Shakti, the naval exercise was conducted between India and which of the following country?  
A. Indonesia                B. Nepal  
C. Thailand                 D. Bangladesh
28. Who has received the prestigious 2018 Gandhi Peace Prize?  
A. Yohei Sasakawa  
B. Richard Branson  
C. Donald Trump  
D. Narendra Modi
29. What is the theme of the 2018 International Migrants Day (IMD)?  
A. Migration with Respect  
B. Migration with Dignity  
C. Safe Migration  
D. All of these
30. Who has been named as next Chief Economic Advisor on December 7, 2018?  
A. Murli Manohar Joshi  
B. Lalkrishna Advani  
C. Raghuram Govind Rajan  
D. Krishnamurthy Subramanian
31. Who among the following has been appointed as UNICEF India's Youth Ambassador?  
A. Mahendra Singh Dhoni  
B. Hima Das  
C. Virat Kohli  
D. Pankaj Advani
32. Who is the author of the book titled 'Blue Waters Ahoy'?  
A. Anup Singh  
B. Vikram Seth  
C. Chetan Bhagat  
D. Jhumpa Lahiri
33. Who has been conferred with the 'Knight of the Legion of Honour' for his outstanding contribution to developing the information technology industry in India?  
A. Azim Premji  
B. Dilip Shanghvi  
C. Mukesh Ambani  
D. Sunil Bharti Mittal
34. The Ramon Magsaysay Award 2018 winner were Sonam Wangchuk and \_\_\_\_\_.  
A. Youk Chhang  
B. Barry Barish  
C. Bharat Vatwani  
D. Vaishali Dev
35. Navy Chief Admiral Sunil Lanba commissioned the new Naval Air Base 'INS Kohassa' at \_\_\_\_\_.  
A. Mayabunder              B. Diglipur  
C. Port Blair                D. Car Nicobar
36. India has signed COMCASA to achieve significant defence technologies from the United States and to ensure accessibility to important communications networks to ensure interoperability between the US and Indian Armed Forces. What is the full form of COMCASA?  
A. Communications        Compatibility and Secure Agency  
B. Communications        Compatibility and Security Agreement  
C. Commerce              Compatibility and Sustainable Assignment  
D. Commercial            Compatibility and Secure Assignment
37. Which among the following Indian firm took over the operations of the Shaheed Behesti Port at Chabahar on the south-eastern coast of Iran?  
A. Container Corporation of India Limited  
B. Urban Port India Pvt. Ltd.  
C. India Ports Global Limited  
D. Global Port Info
38. Who won the 'Sahitya Akademi Award for 2018 for his novel 'Sancharam'?  
A. B. Jeyamohan  
B. Indira Parthasarathy  
C. Nanjil Nadan  
D. S. Ramakrishnan

39. The RBI is set to roll out a coin of Rs 350 denomination to mark the 350<sup>th</sup> Birth Anniversary of which of the following Gurus?

- A. Guru Nanak Dev Ji
- B. Guru Hargobind Singh Ji
- C. Guru Gobind Singh Ji
- D. Guru Tegh Bhadur Singh

40. The Keynesian theory of employment provides the solution for which of the following?

- A. Frictional unemployment
- B. Disguised unemployment
- C. Cyclical unemployment
- D. Seasonal unemployment

### Solution Set

1. Ans. C.

Vitamin B12 is also referred to as cobalamin, because it contains a metal ion (cobalt). This makes it the largest and most complex vitamin of all. The vitamin can only be synthesized by bacteria and therefore is mainly present in animal products.

2. Ans. A.

Fluoride deficiency is a disorder which may cause increased dental caries due to a lack of fluoride in the diet. Dental caries or tooth decay is the breakdown of dental tissues by the acidic products released by the "bacterial fermentation of dietary carbohydrates".

3. Ans. C.

Forms taken up by plants: Mg<sup>++</sup>  
Functions in plants: a part of the chlorophyll molecule - essential in photosynthesis: related to phosphorus metabolism: large quantities found in seed.

Mg deficiency symptoms: Mg is mobile, so symptoms occur first in old leaves; A whitish or yellowish striping effect on grasses.

4. Ans. D.

A polyamide is a macromolecule with repeating units linked by amide bonds. Polyamides occur both naturally and artificially. Examples of naturally occurring polyamides are proteins, such as wool and silk.

5. Ans. D.

In dealing with a coil spring the spring constant will depend on the stiffness of the spring material, the thickness of the wire from which the spring is wound and, diameter of the turns of the coil, the number of turns per unit length and the overall length of the spring.

6. Ans. C.

$$I = 5A$$

$$P = 100 W$$

$$V = 220 V$$

$$P = V \times I$$

$$\text{Here, } 100 \times n = 5 \times 220$$

$$\text{So, } n = 11$$

(where n is the maximum number of bulbs)

7. Ans. D.

List of Natural World Heritage Sites.  
Name of UNESCO World Heritage Site, location, year of notification, and total area is as follows:

Sl. No.	Name of Natural World Heritage Site	State	Year of Notification
1	Kaziranga National Park	Assam	1985
2	Keoladeo Ghana National Park	Rajasthan	1985
3	Manas Wildlife Sanctuary	Assam	1985
4	Nanda Devi National Park and Valley of Flowers	Uttarakhand	1982 2005
5	Sunderbans National Park	West Bengal	1984
6	Western Ghats	Maharashtra, Goa, Karnataka, Tamil Nadu and Kerala	2012
7	Great Himalayan National Park	Himachal Pradesh	2014

8. Ans. A.

Scheduled Tribes	
State with highest proportion of Scheduled Tribes	Mizoram (94.5 %)
State with lowest proportion of Scheduled Tribes	Goa (0.04 %)
UT with highest proportion of Scheduled Tribes	Lakshadweep (94.5 %)
UT with lowest proportion of Scheduled Tribes	A & N Islands (8.3 %)

9. Ans. D.

Straits of Hormuz	Gulf of Persia
Straits of Bab-el-Mandeb	Red Sea
Straits of Malacca	Andaman Sea
Straits of Sunda	Java Sea

10. Ans. A.

Only statement 1 is true in 1928, British government set up the commission headed by Sir John Simon to report on the political situation in India. The commission was boycotted by the Indian political parties.



When the commission visited Lahore, Lala Lajpat Rai led the silent march against the commission. The Superintendent of police, James A Scott ordered his men to lathi charge, in which Lala Lajpat Rai was seriously wounded and later he died.

To avenge the death of Lala Lajpat Rai, Bhagat Singh and his associates planned to kill the officer responsible for the order of lathi charge i.e. James Scott. But the revolutionaries mistook J P Saunders as the Superintendent and killed him instead of Scott.

Thus statement 2 is wrong.

11. Ans. D.

The revolt of 1857 was effectively suppressed by the British in India. The outcomes of the revolt were manifold.

The British Crown ended the company's rule and took over India via the Queen's proclamation. With this proclamation, the Mughal rule in India which lasted since many centuries ended. Also, the dominant post of Maratha empire i.e. the Peshwaship was also ended.

The control of Indian administration was passed on to the British Crown by the Government of India Act, 1858 which resulted withdrawal of the Doctrine of lapse and the beginning of a new rule.

12. Ans. C.

Bhagyanagar is the ancient name of city of Hyderabad, which was founded by Md. Quli Qutub Shah, greatest ruler of Qutub Shahi dynasty. He also built Charminar.

13. Ans. A.

Tarikh-i-Akbari, also known as Tarikh-i-Qandhari, or Muzaffar Nama, the first chronicle of Emperor Akbar's reign is an immensely important source of information on the 16th Century History of India particularly the formative years of his career. Tarikh-i-Akbari was written by Arif Qandahari.

14. Ans. C.

Harappa cities followed the rectangular grid pattern where roads were straight and cut each other at right angle. But it may not be the case always. Brick size was uniform in nearly every Harappan city from Sutkagendor in Baluchistan to Alamgirpur in Meerut, from Manda in Jammu Kashmir to Daimabad in Maharashtra.

15. Ans. B.

Price discrimination is the practice of charging a different price for the same good or service. There are three types of price discrimination – first-degree, second-degree, and third-degree price discrimination.

16. Ans. B.

Demographic dividend refers to the working age group people that a country has that can be the potential working force of the country. A favourable demographic dividend can take a country's economy to the path of success. India has a positive demographic dividend while country like Japan and UK has dominantly old population.

17. Ans. D.

In fact, FPI is often referred to as "hot money" because of its tendency to flee at the first signs of trouble in an economy. These massive portfolio flows can exacerbate economic problems during periods of uncertainty.

18. Ans. C.

Trinamool Congress became the 7th political party to be recognized as a National Party in September 2016.

Conditions for Recognition as a National Party	
1	Secure at least 6% of the valid vote in an Assembly or a Lok Sabha General Election in any four or more states and won at least 4 seats in a Lok Sabha General Election from any State or States
2	Win at least 2% of the total Lok Sabha seats in a Lok Sabha General Election and these seats have to be won from at least 3 states
3	The party is recognized as a State Party in at least four states

19. Ans. A.

The Constitution of India makes special provisions for the administration of the tribal dominated areas in four states viz. Assam, Meghalaya, Tripura and Mizoram. As per article 244 and 6th Schedule, these areas are called "Tribal Areas", which are technically different from the Scheduled Areas under fifth schedule.

20. Ans. D.

Article 43 also places upon the State the responsibility of promoting cottage industries, and the federal government has, in furtherance of this, established several Boards for the promotion of khadi, handlooms etc., in coordination with the state governments. It is a DPSP.

21. Ans. D.

The Shillong Declaration on RTI also stated that exemptions given under Section 24 to security and intelligence agencies are irrational.

22. Ans. D.

The Supreme Court of India on 19 August 2014 issued notice to the Union Government seeking its response to amend Article 348 of the Constitution of India.

23. Ans. B.

The resistance to the flow of electrons is called resistivity. Conductivity is just inverse of resistivity. Both are the property of conductor. The interesting relationship between them is, as the conductivity increase resistivity decrease.

24. Ans. C.

An echo is the sound you hear when you make a noise and the sound wave reflects off a distant object. The sound wave travels in a straight line. When the wave hits a solid wall, it is reflected.

$$d = v \times t = 340 \text{ m/s} \times 0.3 \text{ s}$$

$$d = 102 \text{ m}$$

$d$  is the distance the sound wave travelled back and forth. The distance of the wall from the person will be half of this. Required distance =  $d/2 = 102/2 = 51 \text{ m}$

25. Ans. B.

The absence of a nucleus is an adaptation of the red blood cell for its role. It allows the red blood cell to contain more haemoglobin and, therefore, carry more oxygen molecules

Like red cells, platelets (thrombocytes) have no nucleus.

Monocytes have a small spherical nucleus and has abundant dark staining condensed chromatin.

There are 5 organelles found in a root hair cell. They are the: nucleus, cytoplasm, cell membrane, cell wall and vacuole.

26. Ans. C.

The First South Asian Association for Regional Cooperation (SAARC) Agri Cooperative Business Forum began in Kathmandu on 28th August 2018.

- The theme of three-day Forum is the 'Organizing and Strengthening Family Farmers' Cooperatives to attain the Sustainable-Development-Goals-1 and 2 in South Asia'. It is being co-organized by the Food and Agriculture Organization of the United Nations and Asian Farmers' Association with the support from the International Fund for Agricultural Development.

- The Forum brings together representatives both from the government and non-governmental entities from the Member States of SAARC as well as from regional and international organizations.

27. Ans. A.

Samudra Shakti, the naval exercise was conducted between India and Indonesia.

- \* It will be held from 12 to 18<sup>th</sup> November 2018 in Indonesia.

- \* The exercise has started with a Harbour Phase encompassing planning and briefing on various activities, professional interactions, cross deck visits, sports fixtures and social interactions.

- \* INS Rana at Surabaya will participate in the first ever Indian Navy- Indonesian Navy Bilateral Exercise 'Samudra Shakti'.

28. Ans. A.

Yohei Sasakawa has received the prestigious 2018 Gandhi Peace Prize in January 2019.

- He is Goodwill Ambassador of the World Health Organisation for Leprosy Elimination.

- The award was instituted in 1995 during the commemoration of the 125<sup>th</sup> birth anniversary of Mahatma Gandhi and is to be given annually.

- It carries an award of Rs one crore, a citation a plaque and a handicraft item.

29. Ans. B.

'Migration with Dignity' is the theme of 2018's International Migrants Day.

- The International Migrants Day was observed on December 18, 2018.

- On September 19, 2016 the United Nations General Assembly adopted a set of commitments during its first-ever summit on large movements of refugees and migrants to enhance the protection of refugees and migrants.

- These commitments are known as the New York Declaration for Refugees and Migrants (NY Declaration).

30. Ans. D.

Krishnamurthy Subramanian has been appointed as the chief Economic Adviser (CEA) on December 7, 2018.

- He is a professor at International School of Business (ISB), Hyderabad.
- Krishnamurthy Subramanian is an expert on banking, corporate governance and economic policy.
- Krishnamurthy Subramanian will be the Chief Economic Adviser for a period of three years.
- He holds a PhD degree from Chicago Booth.

31. Ans. B.

Hima Das has been appointed as UNICEF India's first youth ambassador on 14<sup>th</sup> November 2018.

- \* She is an Asian Games gold-medalist sprinter.
- \* She also won a silver in the Women's 400m Race event.
- \* She is the first Indian athlete to win a gold medal in a track event at the IAAF World U20 Championships.

32. Ans. A.

Chief of Naval Staff Admiral Sunil Lanba has released a book 'Blue Waters Ahoy', chronicling the history of Indian Navy from 2001-2010.

The book has been authored by Vice Admiral Anup Singh.

33. Ans. A.

Indian business tycoon Azim Premji (chairman of Wipro) conferred with the highest French civilian distinction Chevalier de la Legion d'Honneur (Knight of the Legion of Honour) for his outstanding contribution to developing the information technology industry in India. It is the highest civilian award given by the French Republic for outstanding service to France, regardless of the nationality of the recipients.

34. Ans. C.

The Ramon Magsaysay Award 2018 winner were Sonam Wangchuk and Bharat Vatwani.

35. Ans. B.

\* Navy Chief Admiral Sunil Lanba commissioned the new Naval Air Base 'INS Kohassa' at Diglipur in Andaman and Nicobar Islands.

\* The new airbase, named 'INS Kohassa' at Diglipur, will be used to handle operations of helicopters and small aircraft like the Dornier.

\* The airport at Diglipur will be utilized for both Defence and civil aircraft.

36. Ans. B.

India and the US held the first edition of the 2+2 dialogue in New Delhi, in which the major takeaways were the signing of the long-pending "Communications Compatibility and Security Agreement (COMCASA)" and setting up of a hotline between External Affairs Minister and Defence Minister with their American counterparts.

37. Ans. C.

\* Indian firm **India Ports Global Limited** took over the operations of the Shaheed Behesti Port at Chabahar on the south-eastern coast of Iran, being jointly developed by India, Iran and Afghanistan.

\* The company opened its office following the first meeting of the follow-up committee for implementation of the trilateral Chabahar Agreement between India, Afghanistan and Iran.

\* "It was agreed to allow cargo movement at Chabahar using TIR Convention provisions."

\* TIR stands for "Transports Internationaux Routiers" or 'International Road Transports.'

38. Ans. D.

\* Tamil writer, traveller, essayist and scriptwriter S. Ramakrishnan has won the Sahitya Akademi Award for 2018 for his novel Sancharam, which poignantly captures the lives of Nagaswaram players in karisal bhoomi – the arid land – of Tamil Nadu.

\* The novel places their music and struggle for a livelihood in the context of the decline of agriculture.

39. Ans. D.

The RBI is set to roll out a coin of Rs 350 denomination to mark the 350th Birth Anniversary of Guru Gobind Singh Ji.

40. Ans. C.

This means that Keynes visualized employment/unemployment from the demand side of the model. His theory is thus known as demand-oriented approach. According to Keynes, the volume of employment in a country depends on the level of effective demand of the people for goods and services. Unemployment is attributed to the deficiency of effective demand.