

# AIIMS

# GENERAL KNOWLEDGE

with Logical Thinking

## COVERS

- ◆ Current Affairs Update
- ◆ General Knowledge
- ◆ Logical Thinking
- ◆ Theory with Exercises



2 Sets of  
**2016**  
GK Solved  
Papers

**National Scheme & Programmes | Environment  
Panorama | Technology | Everyday Science**

Dr. MD. USMANGANI ANSARI

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## WHY & HOW G.K.+ DECIDES SUCCESS IN AIIMS RESULT

### A. SYLLABUS

No syllabus is prescribed by the Institute for the examination, i.e. questions can be formed based on 12th under 10+2/Intermediate Science (Phy, Che & Bio) + General Knowledge and Aptitude/Logical Thinking as given below :

Subject	No. of questions
1. Biology (Botany + Zoology)	60
2. Chemistry	60
3. Physics	60
4. (a) G.K.	20
(b) Aptitude + Logical Thinking	

### B. MINIMUM CUT-OFF SCORE FOR ADMISSION

In accordance with decision of the Governing Body, AIIMS, New Delhi dated 26-11-2009 and the past practices adopted by AIIMS, New Delhi, the minimum cut-off necessary in the Entrance Examination to determine eligibility for admission in MBBS Course in AIIMS is :

- General Category - 50%
- OBC (Non-creamy layer) - 45%
- SC/ST - 40%
- OPH - Cut-offs of respective category

### C. PREPARATION OF RESULT

- The examination result for each candidate would be prepared on the basis of raw scores.
- **PERCENTAGE (%)**: Percentiles upto **7 decimal places** separately for each of the 4 subjects (Biology, Chemistry, Physics and General Knowledge) and the Total will be prepared. The percentile of the Total shall not be an aggregate or average of the percentile of individual subjects.
- The following 5 percentiles would be calculated for each student:  
Let T (Total), S-1 (Biology), S-2 (Chemistry), S-3 (Physics) & S-4 (G.K) denote the raw marks obtained in T, S-1, S-2, S-3 & S-4 as :

1. Total Percentile (TP)

$$= \frac{\text{No. of Candidates from the group with Total Marks } \leq T \times 100}{\text{No. of Candidates in the group /shift (i.e. morning/evening)}}$$

2. Biology Percentile (S-1P)  

$$= \frac{\text{No. of Candidates from the group with Biology marks } \leq S-1 \times 100}{\text{No. of Candidates in the group /shift (i.e. morning/evening)}}$$
3. Chemistry Percentile (S-2P)  

$$= \frac{\text{No. of Candidates from the group with Chemistry marks } \leq S-2 \times 100}{\text{No. of Candidates in the group /shift (i.e. morning/evening)}}$$
4. Physics Percentile (S-3P)  

$$= \frac{\text{No. of Candidates from the group with Physics marks } \leq S-3 \times 100}{\text{No. of Candidates in the group /shift (i.e. morning/evening)}}$$
5. G.K. Percentile (S-4P)  

$$= \frac{\text{No. of Candidates from the group with G.K. marks } \leq S-4 \times 100}{\text{No. of Candidates in the group /shift (i.e. morning/evening)}}$$

#### D. PREPARATION OF OVERALL RANK/MERIT LIST

The percentile scores for the Total Marks for both the shifts (Morning & Evening) as mentioned above would be merged and arranged so as to derive an overall Merit List/Ranking.

**Note :** Thus the percentile scores is not the same as percentage (%) of marks obtained.

#### E. METHOD OF RESOLVING TIES BETWEEN/AMONG CANDIDATES

- The overall merit/ranking shall be based on the Percentile Scores of the Total Raw Score.
- The method adopted for breaking ties (similar percentile) shall be:
  - (i) **Biology:** Higher Percentile Scores in Biology will result in higher ranking.
  - (ii) **Chemistry:** If Biology Percentiles do not break the tie, then higher Percentile Scores in Chemistry will result in higher ranking.
  - (iii) **Physics:** If Biology and Chemistry Percentiles do not break the tie, then higher Percentile Scores in Physics will result in higher ranking.
  - (iv) **G.K.:** If Biology, Chemistry and Physics Percentiles do not break the tie, then higher Percentile Scores in General Knowledge (G.K.) will result in higher ranking.
  - (v) **Age:** If Biology, Chemistry, Physics and G.K. Percentiles do not break the tie, then the candidates elder by age will be ranked higher.

## **CONCLUSION/IMPORTANCE OF GK<sup>+</sup>**

The above criteria for preparing results, overall Rank/Merit List and method of resolving ties between/among candidates, the total score in General knowledge (G.K. + Aptitude) out of 20 marks shall be deciding factor for many AIIMS aspirants. So, do not give least importance to G.K.<sup>+</sup>. To crack the AIIMS exam, we went through previous G.K.<sup>+</sup> questions and analysed each and every areas of importance, and divided the book into three main segments.

- A. Current Affairs
- B. Static Subjects, i.e. Panorma, History, Polity, Geography, Environment  
Everyday Science, Healthcare, Economy, Art & Culture, Sports & Computer  
& IT.
- C. Aptitude & Logical Thinking

We are sure that this book will be helpful in scoring highest Percentile in G.K.<sup>+</sup> to make the aspirants' names visible in the Merit list for admission in AIIMS. We welcome the aspirant's valuable suggestions for improvement in making the book valuable for this exam.


**With Best Wishes**

**DR. MD. USMANGANI ANSARI**







# AIIMS GK Solved Paper 2016 (Set-I)

(Based on Memory)

- Why Earth is known as "blue planet"?
  - Due to presence of water.
  - Due to the presence of green plants.
  - Presence of living organisms.
  - Due to the presence of air.
- A, P, R, X, S and Z are sitting in a row. S and Z are in the centre. A and P are at either ends. R is sitting to the left of A. Who is to the right of P?
  - A
  - X
  - S
  - Z
- 

The above given logo represents which scheme proposed by Prime Minister Narendra Modi in 2014?



  - Pradhan Mantri Jan Dhan Yojna
  - Make in India.
  - Skill India
  - Pradhan Mantri Awaas Yojna.
- Out of the given GPS navigational satellite which of the following was the first navigational satellite to be placed in geosynchronous orbit which was launched by Indian Space Research Organization?
  - IRNSS-1B
  - IRNSS-1G
  - IRNSS-1A
  - IRNSS-1E
- Which of the following represents the logo of Election Commission of India?
  - 
  - 
  - 
  - 
- Siva Reddy walked 2 km west of his house and then turned south covering 4 km. Finally, he moved 3 km towards east and then again 1 km west. How far is he from his initial position?
  - 10km
  - 9km
  - 2km
  - 4km
- Who among the following was the first female pilot in Indian Air Force?
  - Jane Levitte
  - Avani Chaturvedi
  - Avani Singh
  - Amelia Earhart
- Former Chief Justice of India RM Lodha, is associated with which examinations launched under Medical Council of India?
  - IIT-JEE
  - NET
  - NEET
  - AIIMS
- Kangana Ranaut won which of the following awards in the year 2016 under the category of women of the year?
  - CNN-IBN Indian of the year
  - National Film Awards
  - GQ Men of the year award
  - Zee-Cine award.
- The bullet train proposed by Ministry of Railways is to be started by 2018 between which cities?
  - Ahmedabad-Bangalore
  - Chennai-Mumbai
  - Mumbai-Ahmedabad
  - Mumbai-Hyderabad

11. What was the theme of the 2016 Rio Olympics?  
 (a) Peace for inner soul  
 (b) Live sports, live freedom  
 (c) Nothing can be achieved without peace  
 (d) World peace and environment
12. Human: Brain :: Computer: ?  
 (a) RAM (b) CPU  
 (c) Monitor (d) Keyboard
13. Which of the following vehicle doesn't include the use of petrol? Mark the odd one out.  
 (a) Cars (b) Scooter  
 (c) Bicycle (d) Jeep
14. Who among the following became the Chief Executive Officer of Google in the year of 2015?  
 (a) Sundar Khand  
 (b) Sundar Pichai  
 (c) Shantanu Narayan  
 (d) Satya Nadella
15. Which among the following was declared as the "first digital state?"  
 (a) Kerala  
 (b) Maharashtra  
 (c) Delhi  
 (d) Tamil Nadu
16. What is the full form of the acronym, ATM?  
 (a) All Time Money  
 (b) Automated Teller Machine  
 (c) All Time Machine  
 (d) At The Moment
17. Which of the following sequence is in the correct order.  
 (a) doctor , pain , drug, hospital  
 (b) hospital, pain, drug, doctor  
 (c) drug, hospital, pain, doctor  
 (d) pain, hospital, doctor, drug
18. Black box in plane is of which color?  
 (a) White (b) Black  
 (c) Yellow (d) Orange
19. State Assembly Elections 2017 is not held in which of the following states?  
 (a) Himachal Pradesh  
 (b) Punjab  
 (c) Uttrakhand  
 (d) Uttar Pradesh
20. Out which of the following product of tobacco have the high levels of nicotine?  
 (a) Bidi (b) Cigarettes  
 (c) Cigars (d) Hookah

ANSWERS KEY															
1	(a)	2	(b)	3	(b)	4	(c)	5	(d)	6	(d)	7	(b)	8	(c)
9	(c)	10	(c)	11	(d)	12	(b)	13	(c)	14	(b)	15	(a)	16	(b)
17	(d)	18	(d)	19	(a)	20	(a)								

# AIIMS GK Solved Paper 2016 (Set-II)

(Based on Memory)

- Which planet is called a “green planet”?  
(a) Uranus (b) Earth  
(c) Saturn (d) Mars
- Who among the following received The 46th Dada Saheb Phalke Award in the year 2015?  
(a) Rishi Kapoor  
(b) Shashi Kapoor  
(c) Randhir Kapoor  
(d) Shammi Kapoor
- When is the next Summer Olympics to be held in 2020?  
(a) Beijing, China  
(b) Tokyo, Japan  
(c) Peoyonchang, South Korea  
(d) Budapest, Hungary
- Rajesh’s school bus is facing North when reaches his school. After starting from Rajesh’s house, it turning twice and then left before reaching the school. What direction the bus facing when it left the bus stop in front of Rajesh’s house?  
(a) North (b) West  
(c) South (d) East
- Rohan’s rank 25 from the top and Sohan’s rank 30 from the bottom. If there are three students in between Rohan and Sohan then find out the total number of students.  
(a) 50 (b) 62  
(c) 58  
(d) Can’t be determined
- Who among the following became the first president of AIIMS and was responsible in development of the Hospital?  
(a) Rajkumari Amrit Kaur  
(b) Dr Jivraj Mehta  
(c) Bidhan Chandra Roy  
(d) Dr. Anbumani Ramadoss
- The chairman of Lodha Committee of MCI was appointed by whom?  
(a) Supreme Court  
(b) President  
(c) Prime Minister  
(d) Lieutenant Governor
- Among the following which is the symbol of WWF (World Wide Fund of Nature)?  
(a)  (b)   
(c)  (d) 
- Which among the following parliament became the first in the world to run on solar power?  
(a) Indian Parliament  
(b) Pakistan Parliament  
(c) Parliament of Nepal  
(d) Parliament of Bangladesh
- The airport in Bahrain is located at among which of the following places?  
(a) Iran (b) Muharraq  
(c) Kuwait (d) Iraq
- Out of which of the following is the main official email address of AIIMS?  
(a) www.aiims.edu  
(b) www@aiims.in  
(c) @aiims.in  
(d) @aiims.org.in

12. What is the main aim of Pradhan Mantri Kaushal Vikas Yojana (PMKVY)?  
 (a) To provide skills training to the youth.  
 (b) To promote art and craft.  
 (c) To ensure the development of infrastructure.  
 (d) To provide job facilities to the youth
13. Who was the first Governor - General of India  
 (a) Robert Clive  
 (b) Sir Charles Metcalfe  
 (c) William Bentinck  
 (d) Warren Hastings
14. WHO Declared Zika an International Public Health Emergency in which month?  
 (a) January (b) February  
 (c) December (d) November
15. Select the odd one out.  
 (a) Cricket  
 (b) Table Tennis  
 (c) Badminton  
 (d) Football
16. Which is the hottest planet of the solar system.  
 (a) Mercury (b) Venus  
 (c) Jupiter (d) Saturn
17. Which one of the following zones of the atmosphere is rich in Ozone gas  
 (a) Mesosphere  
 (b) Troposphere  
 (c) Stratosphere  
 (d) Ionosphere
18. A sand deposit extending into the mouth of a bay is a ?  
 (a) Headland (b) Sea Stack  
 (c) Split (d) Berm
19. Supreme Court judge retires upon attaining the age of  
 (a) 65 years (b) 60 years  
 (c) 55 years (d) 50 years
20. Name the first antibiotic medicine discovered.  
 (a) Penicillin  
 (b) Auromycin  
 (c) Streptomycin  
 (d) Ampicilin

ANSWERS KEY															
1	(a)	2	(b)	3	(b)	4	(b)	5	(c)	6	(a)	7	(a)	8	(a)
9	(b)	10	(b)	11	(a)	12	(a)	13	(d)	14	(a)	15	(c)	16	(b)
17	(c)	18	(c)	19	(a)	20	(a)								

# CURRENT AFFAIRS

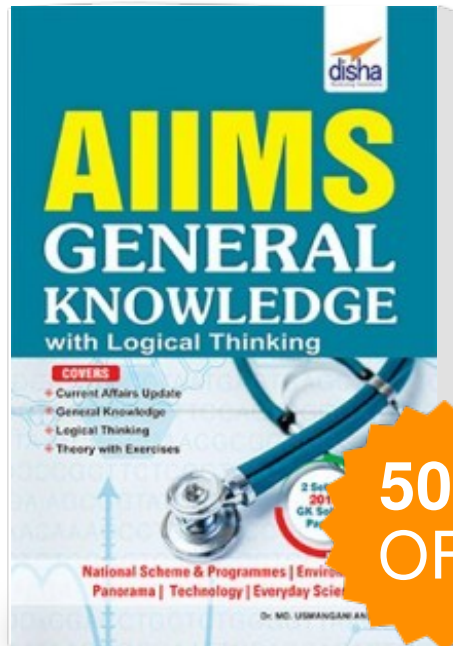
## INDIA 2016-17 AT A GLANCE

	Social	Economic	Political
March 2016	Aadhar Bill (Targeted Delivery of Financial and other Subsidies, benefits and services) passed in Parliament; World Cultural Festival - Sri Sri Ravi Shankar	Indian drinks tycoon Vijay Mallya 'flees to Britain' with nearly £1bn in unpaid loans	Proclaiming the Article 356 President's rule imposed in Uttarakhand by the President on the advice of the Union cabinet.
April 2016	Stand Up India Loan Scheme; Unified Payment Interface, or UPI, the next big thing in mobile banking launched	Marginal Cost of Funds based Lending Rate (MCLR) system for banks implemented by RBI.	Panama papers leaked illustrating how wealthy individuals and public officials keep personal financial information private.
May 2016	Elections held and governments formed in five states - Tamil Nadu, West Bengal, Kerala, Puducherry, Assam	India and Mauritius Signed Protocol To Amend Taxation Methods	Insolvency and Bankruptcy Code Bill 2016 passed in the parliament.
June 2016	7th Pay Commission Ratified; PM Modi Addresses US Congress	India's NSG Bid fails but India joins Missile Technology Control Regime as the 35th member, Microsoft buys LinkedIn for \$ 26.2 billion	The Union Government eased FDI norms in Pharma, Aviation and defence sectors.
July 2016	Anti-Dalit Protests following the Gujarat Dalit Unrest.	Flipkart acquires online fashion portal Jabong	Kashmir Unrest post killing of Burhan Wani
August 2016	Surrogacy bill gets the cabinet nod	Parliament passes amendment Bill for GST	Kaveri River water dispute hots up
September 2016	India, France ink €7.87 billion agreement for 36 Rafales; Pakistani Actors Boycott post URI attacks.	Reliance Jio services commercially launched on 5 September 2016. ISRO Sets Satellite Launch Record in 2016	URI Attack killing 70+ Indian soldiers; Surgical Strike by India in the PoK as a revenge of the URI attacks
October 2016	India signs 16 agreements with Russia including the procurement of the most advanced anti-aircraft defence system - the S-400 Triumph	40% of the spectrum ranging across the 7 bands sold out of the 2354.55 MHz put up for auction.	Outbreak of one of the biggest corporate controversies with Cyrus Mistry removed from Tata Sons Chairmanship.
November 2016	Delhi Smog; Demonetisation After effects - long queues at Banks, Cash Crunch, Inconvenience to people etc.	Demonetisation of ₹ 500 & 1000 notes announced as a measure to curb terror financing, black money and counterfeit currency.	Opposition protests against the way demonetisation was implemented. Absolutely NO WORK in the Winter Session.
December 2016	Union Cabinet approved the rehabilitation package of ₹2000 crore for displaced families from - Pakistan occupied Jammu & Kashmir	India, Qatar sign agreements on visas, cyberspace, investments; Govt. announced 11 digital payment discounts to push towards a cashless economy	Jayalalitha, Tamil Nadu Chief Minister, passes away leaving a void in AIADMK leadership and Tamil Nadu's future.
January 2017	Tamil Nadu people compelled the State Assembly to pass Jallikattu Bill on 23-01-2017	Union Govt. launched Intellectual Property Right (IPR) Enforcement Toolkit for Police.	Election Commission announced dates for Assembly polls of 5 states- Goa, Punjab, Manipur, UK & UP.
February 2017	Litchi being the mysterious reason behind Muzaffarpur's brain fever death, discovered by India & US scientists.	5 associate banks, i.e. State Bank (SBB&J) of Bikaner & Jaipur, S.B. of Hyderabad, S.B. of Mysore, S.B. of Patiala & S.B. of Travancore merged into SBI.	Union HRD Ministry decided to set up National Testing Agency (NTA) to conduct entrance exams, i.e., NEET, JEE, NET, etc.

## WORLD 2016-17 AT A GLANCE

	Social	Economic	Political
March 2016	Narendra Modi on TIME's 'Most Influential People On Internet'	Mckinsey Global Survey results cites slowing growth in China as a threat to global growth.	Islamic State of Iraq and the Levant (ISIL) claimed responsibility for the attacks.
April 2016	G7 Hiroshima Declaration Calls For 'World Without Nuclear Weapons'	14 countries participated in the Heart of Asia Conference Held in New Delhi	Clashes between Armenia and Azerbaijan breach the 1994 ceasefire
May 2016	Failure of the United Nations World Humanitarian Summit held in Istanbul, to achieve its fund raising goals.	India, Iran and Afghanistan signed a historic accord on Chahbahar port making it a transit hub bypassing Pakistan.	175 Nations Signed Historic Paris Climate Agreement at UN Headquarters in New York
June 2016	ISIL claims responsibility for attacking Atatürk Airport in Istanbul	India's NSG Bid fails but India joins Missile Technology Control Regime as the 35th member; Microsoft buys LinkedIn for \$26.2 billion	The United Kingdom votes in a referendum to leave the European Union - BREXIT; British Prime Minister David Cameron resigns.
July 2016	NASA's Juno spacecraft enters orbit around Jupiter	Latvia becomes the 35th member of the OECD; Verizon (which owns AOL) acquired Yahoo's core business (advertising, content, search & mobile activities) for \$4.83 billion in cash.	South China Sea Verdict by UN Conventions in favour of Philippines
August 2016	The 2016 Summer Olympics are held in Rio de Janeiro, Brazil. US tops the medals tally followed by UK and China.	The U.S. trade deficit rose to \$44.5 billion, driven up by a big rise in imports of oil and Chinese-made computers, cell phones and clothing.	Impeachment of the President of Brazil, Dilma Rousseff by Brazilian Senate. Michel Temer is the new President.
September 2016	Sainthood to Mother Teresa; Hurricane Matthew; Baloch activists protest against Pakistan outside UN	The US & China, together responsible for 40% of the world's carbon emissions, ratify Paris global climate agreement.	North Korea conducts its fifth and reportedly biggest nuclear test.
October 2016	150 nations agree to phase out hydrofluorocarbons at UNEP summit in Rwanda	8th BRICS Summit held at Goa with the BIMSTEC countries invited for regional outreach.	Maldives withdraws from the Commonwealth of Nations; US lifted sanctions against Myanmar after 2 decades.
November 2016	112 nations ratifies the Paris Agreement - dealing with greenhouse gases emissions mitigation, adaptation & finance starting in 2020.	COP22 UN Climate Change Conference in Morocco with the focal issue of water scarcity, water cleanliness, and water-related sustainability.	Iraqi forces continue to advance against ISIS in Mosul US Presidential Elections Held & Donald Trump to be the next President after a surprise victory.
December 2016	Italian voters rejected constitutional changes backed by the government, prompting Prime Minister Matteo Renzi to announce his resignation.	BRICS nations to share tax information to eliminate tax evasion; India crosses USD 300 billion in FDI from USA.	Heart Of Asia conference in Amritsar called for immediate elimination of terrorism to help Afghanistan in its political and economic transition.
January 2017	44 <sup>th</sup> New Delhi World Book Fair begin on 7-01-2017 organised by NBT under theme - "Manushi Books".	ISRO launched 104 satellites on 15-02-2017 in one. 101 belong to 6 foreign countries on commercial basis.	Donald Trump took oath of President on 20-01-2017.
February 2017	On the eve of World Cancer Day (4 <sup>th</sup> Feb.), the centre of Integrative Oncology (C/O) was inaugurated at NICPR, Noida	World Bank cuts India's GDP growth for 2016-17 to 7% from 7.6% on 11-01-2017.	Mohammed Abdullahi was elected as 9th President of Somalia on 8-2-2017.

# AIIMS General Knowledge with Logical Thinking



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