

## **RRB ALP Exam Shifts RRB - ALP Exams**

### **30-August-2018 3rd Shift Asked Questions**

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### **General Awareness**

- Digital library Sugamya Pustakalaya launched by PM. Narendra Modi is accessible to whom? – Visually Impaired
- The last Queen of France Marie Antoinette was born in which country? – Hofburg, Vienna, Austria
- Name the book written by Sanjay Manjrekar – Imperfect
- The Adivasi Mahotsav 2017 was held in which City? – Raipur, Chhattisgarh
- Name the Chief Minister of Sikkim – Pawan Kumar Chamling
- Name the director of Dangal movie? – Nitesh Tiwari
- NSE was established in which year? – 1992
- The book 'One Girl' is written by which author? – Chetan Bhagat
- Prime Minister Narendra Modi was the Cm of which state government? Gujarat
- Capital of Australia- Canberra
- Marathwada and vidarbha belongs to which state? Maharashtra
- Calcium Phosphate formula-  $\text{Ca}_3(\text{PO}_4)_2$
- Convert 1 kilowatt hour into joule-  $3.6 \times 10^6$
- Chemical formula for Silver Chloride-  $\text{AgCl}$
- Paleontology is the study of – Fossils
- Which gas is released when  $\text{CaOCl}_2 + \text{H}_2\text{O}$ ? – Chlorine

- A ball is thrown upward, and it returns to the ground in 10s what was the initial velocity of the ball? –
- A household's yearly consumption is 300 units per year. Convert the amount into joules? –
- Which of the following is the biggest atom? – Sulphur, Silicon, Phosphorus, Aluminum?
- Name the element who has an isotope of 290 in which the number of neutrons is 196. Find the atomic number of that element?
- PM Modi has inaugurated a Shiv Temple? – Abu Dhabi

## Math

- find prime no among 889,899,1147
- hereditary material by
- $x^2 + ax + b$  when divided by  $x - 3$  give remainder 22 and when  $x^2 + bx + a$  is divided by  $x - 3$  remainder is 24 find  $a + b$
- if a body is thrown up and reaches distance of 74 m find distance covered by it in 7 sec a mini-van cross 2 man with speed 4.8 and 6km/hr in 4.5 and 9 sec. find length of mini-van
- a product is sell at loss of 13% if sold at 49 more rs then profit is 35 % find its selling price for 30 % profit
- 1-median of 5,2,1,1,7,3?? , 2-mean of 12 boys is 17 and cls of 30 student is 18.1 find mean of girls. 3- if radius of cone is half of height then and volume of cone and sphere is same find ratio of radius
- missing no 15,17,18,20,?,23,24
- some of age of father and son is 60. 6 year before father was 5 times of son. find age of son after 5 yrs
- age of father is 38 when boy was born and mother was 36 when girl was born. girl is 4 is younger than boy. find difference between age of father and mother

- when 8 is added to a ratio  $\frac{2}{3}$  it becomes  $\frac{5}{7}$  find highest no of the original ratio
- what must be taken out of  $\frac{1}{2}$  so that it become  $\frac{2}{3}$
- statement: a notice that all worker have to come at 9am... assumption 1: they will not any instruction 2. soem will be lat
- If carpenter are worker. all worker are hardworking... conclusion all carpenper are hardworking some hard working are worker
- statment: there are landslide in hilly are so railway is slow assumption 1. railway should stop in hilly are. 2. precaution must be atken
- unit of current
- Simplification
- Circle
- Speed, Distance & Time
- Trigonometry
- Time & Work
- Trigonometry
- Percentage
- Algebra

## Reasoning

- Syllogism
- Figure Completion
- Calendar – 1 Qs
- When will the 2020 calendar be repeated?
- Clock – 1 Qs, In 2pm to 3pm in what time the hour hand and minute hands will overlap?
- Age Problem – 2 Qs

- Stick is pen, pen is ball and ball is bat, then Raman will write with?
- Coding and Decoding – 1 Qs
- Statement Analysis – 5 Qs
- Ratio – 2 Qs
- A school should always have a teacher, Building, Library or Headmaster?
- Completion of sentence – 1 Qs
- Odd one out – 1 Qs
- Counting of triangles
- Logical Reasoning
- Distance & Direction
- Statement & Conclusion
- Statement & Arguments
- Calendar
- Coding Decoding
- Blood Relation
- Counting of Triangles
- Miscellaneous One Question on Syllogism.