RRB NTPC Memory Based Questions Dec 29 (SHIFT – II)

General Knowledge

1) What is Python (Related to computer)?

Ans: Programming language

2) Jataka Kathas is related to which religion?

Ans: Buddhism

3) HQ of Central Drugs Standard Control Organisation (CDSCO)

Ans: New Delhi, India

4) Who was the first President of India?

Ans: Rajendra Prasad

5) Author of Gita Govinda?

Ans: Jayadeva

6) Who was the chief guest on World Environment day?

Ans: Dr Sultan Ahmed Ismai

7) 47.Beri Beri is caused due to deficiency of

Ans: Vitamin B1

8) Which of the diseases is caused by Bacteria?

Ans: Cholera, Leprosy, Whooping Cough, Tuberculosis, Tetanus, Pneumonia & Plague

9) Ibn Battuta was from which country?

Ans: Morocco

10) Where is Jim Corbett national Park

Ans: Uttarakhand

11) Which is the longest road tunnel in India?

Dr. Syama Prasad Mookerjee Tunnel formerly known as Chenani-Nashri tunnel in Jammu and Kashmir

12) What is Intel i9?

Ans: Processor

13) Pal Ghat mountain pass is in

Ans: mountain pass in the Western Ghats mountain range connects Kerala to Tamil Nadu

14) Full form of GST?

Ans: Goods and Services Tax

15) Cabinet Mission came to India in____?

Ans: March 1946

16) British also introduced communal electorates in

Ans: Indian council Act 1909 also known as Morley-Minto Reform

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17) Antrix corporation Ltd in Bengaluru is company related to

Ans: Marketing arm of ISRO for promotion and commercial exploitation of space products

18) Which river falls in Arabian sea?

Ans: Narmada & Tapi

19) Who is the Chief Minister of Tamil Nadu?

Ans: Edappadi K. Palaniswami

20) At which place Sher Shah Suri was born?

Ans: Sasaram

21) Who wrote Humanyun Nama?

Ans: Gulbadan Begum

22) Full Form of HLL?

Ans: high-level language (HLL)

23) Kaveri water dispute is between which states?

Ans: Tamil Nadu and Karnataka

24) Which is the famous Uranium Mine in India?

Ans: Jaduguda Uranium Mine, Jharkhand

RRB NTPC 29 December 2020 General Intelligence and

Reasoning

1) If 25/5 = 15 and 30/6 = 20, find 35/7 = ?

2) 8, 27, 64, 125, ?

3) ABE = 8 find KLO = ?

4) Number Series -

8, 24 , 12, ?, 18, 54

5) Number Analogy -

5: 27 :: 9 : ?

6) Questions from Sitting Arrangements - circular & linear

Based

7) Number Analogy -

11 : 141 :: 17 : ?

8) There are 30 students in a class. Rahul's rank is 13th from the left end. What is the rank of Rahul from right end.

Ans. 18

8) Questions from sitting Arrangement - linear and circular based

9) Choose the odd one out:

a) Lion b) Tiger c) Leopard d) Fox

10) Word Analogy

India: Delhi :: China : ?

11) If 5 + 8 = 1340

Then 6+ 4 = ?

12) Odd one out

a) 35 b) 37 c) 17 d) 41

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13) Counting – Triangle based

Total 5 triangles.

Mathematics

1) A does a piece of work in 40 days, B does it in 60 days and C does it in 80 days. If they start working together and A leaves the work 11 days and B leaves the work 8 days before completion. Find the time taken to complete the work. (Ans:

2) Find the unit digit in the following expression:

432412+499431

Ans. 5

3) If CP of 8 Articles is equal to SP of 5 Articles. Find Profit Percentage? Ans. 60%

4) A+B+C do a work in 5 days, B+C+D do it in 10 days, C+D+A do it in 15 days, and D+A+B can do it in 30 days. Find the time taken by A+B+C+D together to complete the same work.

Ans. 7.5 days

5) Find the sum of all natural numbers between 100 and 200 which are divisible by 12?

Ans. 1200

6) A is 6 times as efficient as B. If B can complete a work in 28 days, then A and B together will complete the same work in (Ans: 4 days)

7) Solve: $\sin20°.\sin40°.\sin80° = ?$ (Ans: 1/8)

8) If 2a + 5b = 12 and ab = 2 then find the value of $8a^3 + 125b^3$. (Ans. 1008)

9) If the ratio of Mean to median is 4:5. Then find the ratio of Mean to Mode. (Ans. 15)

10) In an examination, 55% students passed in English and 35% students passed in Mathematics. If 20% students passed in both subjects. If the number of failed students was 1200 then find the number of students appeared for the examination. (Ans. 4000)

11) In an election, A and B got 40% and 60% votes respectively. If a total of 3500 votes were casted in the election. Then find the number of votes casted in the favour of candidate A. (Ans. 1400)

12) The cost of paint on the walls is Rs.40000. If the ratio of length to breadth ratio of the room is 8:5 and the rate of paint is Rs.10 per m^2. Find the length of the room. (Ans. 50 m)

13) A principal sum of Rs.5000 is divided into two parts and lent at 5% and 10% interest rate per annum for 5 years respectively. If Rs.1750 is earned as simple interest. Then find the ratio in which the amount was divided. (Ans. 3 : 2)

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14) If the ratio of fares of Bus, Rail and Aeroplane is 5:8:12 respectively and the ratio of number of passengers boarded is 3:4:5 respectively. And the total revenue collection was Rs.1,07,000 then find the revenue collection by Aeroplane. (Ans. Rs.60,000)

15) Solve: cos20°.cos40°.cos80° = ? (Ans: 1/8)

16) If A:B = 15:16, B:C = 8:25 and C:D = 50:9. Find the value of A:D. (Ans. 15:9)

17) A principal sum of Rs.5000 gives simple interest of Rs.1500 at the rate of 10% per annum. Find the time period.

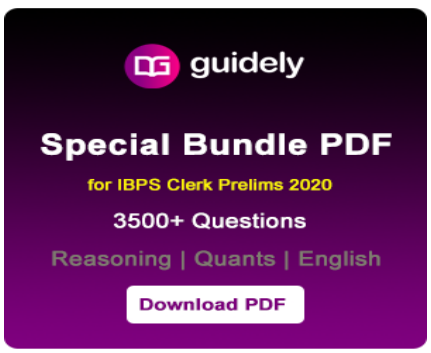
18) If x + 1/x = 12 and x2 - 1/x2 = 15. Find x4 - 1/x4. (Ans. 2130)

19) 4 sin230° + 3 cot260° - 2 tan245°? (Ans. 0)

20) The HCF of two numbers is 26 and their LCM is 156. If the difference of Numbers is 26, find the addition of Numbers. (Ans. 130)

21) Area of a rectangle is 300 cm2, if the diagonal is …….. Find the Perimeter.

22) The ratio of Alcohol and Water in a mixture is 3:2. When 30 litres of alcohol is added in the mixture, the new ratio of alcohol to water becomes 6:5. Find the amount of original mixture. (Ans. 150)

23) A triangle ABC is inscribed in a circle with centre O. If angle BAC = 30°, find the angle BCO? (Ans- 60°)

24) If cos A = 3/5 then find tan A.