

Memory Based Paper (English PDF)

General Awareness:

- Hornbill festival is celebrated in which state of India (Ans. Nagaland) • Who appoints the attorney general of India? (Ans. President)
- One question related to GI TAG?
- Who is 4th Jain Tirthankaras? (Ans. Abhinandananatha)
- What is the dimension of hockey field? (Ans 91.4m long and 55m wide)
- Who won Australian open 2022 men's singles? (Ans Rafael Nadal)
- First session of congress was held at _____. (Ans Bombay)
- What is the formula for fiscal deficit? (Ans. total expenditures - total revenue obtained)
- Who is the writer of Train to Pakistan? (Ans: Khushwant Singh)
- What happens when water mixes with Acid/Base?
- One question was asked on - Plastic explosive related to RDX
- The joint sitting of the Parliament is called by the ____ (Ans President of India (Article 108))
- first musician who got bharat ratna (Ans. Madurai Shanmukhavadiyu Subbulakshmi)
- position of sodium in the periodic table.
- What are Terrestrial Planets?
- If Chairman of the rajya sabha is absent then who conducts the session?
- One question related to the book of Arundhati roy?
- One question related to Terrestrial planet
- Which book is not of Arundhati Roy
- Position of Na element in periodic table
- Romancing with life is written by? (Ans: Dev Anand)
- Freedom of religion is mention in which Article (Ans: Article 25)
- Nitromethane chemical formula (Ans: CH₃NO₂)
- On 21 january 2022 which state did not celebrate his 50th Statehood Day? (Ans: 50th Statehood Day of Tripura, Meghalaya, and Manipur was celebrated on 21 January 2022).
- one question related to Birju Maharaj
- Article 15 is related to
- 7. Who won the tansen prize in 2021 (Ans Satish Vyas)
- Which is the largest shelf in the world (Ans. Siberian shelf)
- 9. Pandit Ravi Shankaris related to _____ (Ans Sitar)

- The book road ahead is written by_____ (Ans. Bill gates)
- Ministry of environment and forest was established in _____ (Ans. 1985)
- EM Subramaniam is related to (Ans. Indian Carnatic classical percussionist.)

English

- Syn - vigorous
- Ant - remuneration
- Syno - Ample
- Anto - Benevolent
- Voice - the sentence was given in present perfect
- Idiom - face the wall
- Idiom - sail in the same boat
- Error - pronoun
- Error - subject-verb-agreement
- Cloze Test - Basic necessity of life (unemployment)
- Gear up- idiom
- To hold upon - idiom
- Synonym- Alice, malignant
- Cloze test - exam preparation
- Error spotting - Article based
- Error spotting - Tense based (past participle)
- Voice - Tense based
- Incorrect spelling - Luxurious
- Antonym - Praise
- Synonym - confront
- Idiom - At someone's elbow
- Idiom - Blow up

Quant

- An article is sold at Rs 720 at 12.5% profit. Find the cost price of an article.
- A can do a piece of work in 12 days and B can do the same work in 36 days. In how many days A and B together can complete the work.

- $(15^3 + 14^3)/(15^2 + 14^3 - 210) = ?$
- 3-4 questions of BODMAS.
- $a^2 + b^2 = 12$, $ab = 35$, then $a^4 - b^4 - ab = ?$
- A cuboid of length, breadth and height of 12 cm, 10 cm and 18 cm respectively is melted to form a cube. Find the side of the cube.
- The ratio of boys and girls in a class is 7 : 5 and the average marks of boys and girls are 36 and 40. Find the average marks of the whole class.
- The radius of hemi-sphere is 8, find the volume of the hemisphere.
- Divisibility rule of 7.
- Which of the following number is divisible by 3. (A. 541329 b. 432796. C. 69835)
- If marked price of an article is reduced by Rs 28 on selling an article there is a profit of 20%. If the cost price of an article is Rs 560 and article is sold on marked price then what is the profit percentage.
- A and B can complete a piece of work in 4 days and 12 days respectively. If they work on alternate days then in how many days work will be completed.
- A sum of money becomes Rs 4500 after 2 years and Rs 5600 after 3 years interest is compounded annually. Find the sum.
- The total surface area of the sphere is 352. Find the volume of the sphere.
- On selling an article at 10% discount on marked price there is a profit of 15%. What is the ratio of cost price to marked price.
- If numerator is increased by 50% and denominator is decreased by 28% then the fraction becomes $25/26$. Find the original fraction.
- Two circles of radii 12 cm and 9 cm touch each other externally. Find the length of the common tangent.
- $a = 972$, $b = a - 25$, then $(a+b)^2 - 4ab = ?$

Reasoning

- Math op - 3 to 4 questions - 1 based on * replacement, and other based on selection of the correct equation from 4 options.
- No. Series - 3 ques, 1 based on prime number addition.
- Missing No. - 1 ques 3 x 3 matrix based.
- Paper cutting - 1 ques
- Mirror image - 2 ques, both alphanumeric, answer calculated based on single digit.

- Coding Decoding - 3 ques, 1 from direct place value substitution, 1 based on place value x number, 1 based on MOON being coded as 13-16-15-15
- Analogy - No. based (based on squares)
- Letter Series - 1 ques
- Dictionary - 2 ques
- Syllogism - statements (i) Some Tomato are Potato (ii) Some Tomato are Onion, conclusions (i) Some onions are tomato (ii) No onion is tomato, based on either/or.
- Coding Decoding - 3-4 ques
- Mirror Image - 3 ques, 2 based on alphanumeric, 1 image
- Venn Diagram (Entity) - House, Bedroom, Bed
- Number Series - 1 ques based on $(-2 \times _)$
- Dictionary - 2 ques
- Classification - 1 ques
- Math op - 4 to 5 ques
- Counting - square based
- Embedded Fig - 1 ques
- Analogy - No. based - 9:83
- Mirror Image (Letter based)
- No. Series - 2 ques - 15, 27, 12, ?, 9, 33 and one based on difference of +29.
- 2. Syllogism - (i) Some butter is Honey (ii) Some Honey is Bread (iii) All Bread is Jam
- 3. Paper Folding - 4 horizontal folds
- 4. Coding - 2 ques, INVEST was coded as NIEVTS and five letter word +1/-1 opp -1/+1.
- 5. Missing No. - 2 ques, logics were (digit sum x 4 + 4) and (First No.)²+second no. = third no.
- 6. Dice - 1,4,6 and 1,4,3 opp 3 asked. Ans:6
- 7. Math op - 1 ques, A = +, B = x, C = -, D = coded.
- 8. Counting - Triangle based. Ans: 20
- 9. Calendar - 21/06/2007 was a tuesday, what day was on 21/06/2011?
- 10. Dictionary - Abbreviation, Absorption, Adaptation,