



**Pinnacle**<sup>TM</sup>  
techno school

Dream it • Do it

IIT-JEE / NEET / Olympiads / NTSE / Boards



**P-STAR 2024**

Pinnacle STAR Reward Exam

For 5<sup>th</sup> to 12<sup>th</sup> Class Students

STAGE - 1 & STAGE - 2

**Pinnacle STAR Reward Exam**

**SAMPLE TEST  
PAPER**

**Class 5<sup>th</sup>**

Pinnacle Techno School



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Bhrihu Ashram Rd, near syndicate bank Ballia, Uttar Pradesh

# 5<sup>th</sup> to 12<sup>th</sup> Class Students GET READY FOR

THE MOST AWAITED & BIGGEST  
TALENT QUEST EXAM  
OF THE YEAR BY PINNACLE IS HERE!



## P-STAR 2024

Pinnacle STAR Reward Exam

STAGE - 1 & STAGE - 2



### Test Date

Stage-1 5<sup>th</sup> Nov & 3<sup>rd</sup> Dec, 2023

Stage-2 10<sup>th</sup> December, 2023

### Registration Details

Register Online  
at our Website

OR

Scan  
QR



Free Registration



### Address

Pinnacle Techno School  
Bhriгу Ashram Rd,  
near syndicate bank  
Ballia, Uttar Pradesh

### Call Now

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# What Makes Pinnacle Unique?

- 1 Best Faculty Team
- 2 Hi-Tech Classrooms
- 3 Customized Study material
- 4 Personal Attention
- 5 Unlimited Doubt Sessions
- 6 Best Testing Methodology



Lecture  
Recording  
Lab



Revision  
Classes &  
Self Study  
Zones



Online Testing  
Lab (CBT)



Smart & AC  
Classrooms



Objective +  
Subjective



Student  
Performance  
and  
Analysis Report



Rich Library &  
Researched  
Study  
Modules



Extra Support  
to weaker  
students



CCTV  
Campus



Biometric  
Attendance

## Classroom Program

### 1 Comprehensive Classroom Lectures

All classes at Pinnacle are conducted by highly qualified and experienced faculty members, mostly IITians. Each chapter is started at the grass root level and is dealt to an extent which is the requirement of competitive examinations, with an aim of enabling the students to develop a comprehensive view of the whole chapter with a thorough understanding.



### Doubt Clearance 2

"If you ask a question, you may appear fool for some time, but if you don't, you'll remain a fool for whole life." System at Pinnacle encourages all students to ask their doubts and questions.

### 3 Regular Tests Online and Offline

As JEE Mains and Advanced have gone completely online and NEET is in the pipeline, we have launched a dedicated online testing platform where students can practise over CBT (Computer Based Tests). The combination of online and offline testing modes based on latest JEE/NEET patterns ensure that students are at par with the recent changes. Students can check their test reports and performance analysis via a unique online login ID. Their results are also communicated to parents via SMS.



### Addressing the Board Exam 4

Pinnacle has a very distinct methodology for preparing the students for competitive examinations while in full synchronization with Board Exams as well. Board level tests are conducted alongside the regular JEE/NEET tests and the copies are graded at very meticulous level by teachers. Students receive methodological tips so as to perform excellent in the board Exams as well.

**SCIENCE**

- 1- Shark breathes through  
(a) Lungs (b) Fins (c) Scales (d) Gills
- 2- Classification of animals help us to know about their  
(a) Weight (b) Similarities (c) Number (d) Colour
- 3- The gases in Sun include  
(a) Helium & Hydrogen (b) Oxygen & Helium  
(c) Chlorine & Hydrogen (d) Hydrogen & Nitrogen
- 4- Which of the following is a planet?  
(a) Earth (b) Moon (c) Pluto (d) Sun
- 5- A fuse is used as a  
(a) Door Bell (b) Security Alarm  
(c) Circuit Breaker (d) Galvonometer
- 6- The meter used to measure electric current is :  
(a) Thermometer (b) Ammeter  
(c) Voltmeter (d) Barometer
- 7- Electric current is due to the flow of which of the following particles ?  
(a) Neutrons (b) Protons (c) Electrons (d) Atoms
- 8- An example of opaque substance is :  
(a) Tissu-paper (b) Tracing-paper (c) Water (d) Steel
- 9- A bar that turns about a fixed-point is called a/an :  
(a) Pulley (b) Wedge  
(c) Clever (d) Inclined plane
- 10- Change of vapours into water is called :  
(a) Evaporation (b) freezing  
(c) Melting (d) Condensation
- 11- Regular arrangement of particles is present in :  
(a) Sugar (b) Milk (c) Honey (d) Water
- 12- Apple plant-belong to.  
(a) Fungi (b) Canifers  
(c) Dicots (d) Monocots

- 13- Number of petals in a flower of monocot plant may be :  
(a) 4                      (b) 6                      (c) 8                      (d) 10
- 14- Which of the following is the cause of infection in our body?  
(a) Vaccines                      (b) Germs  
(c) Antibiotics                      (d) Antibodies
- 15- The main cause of cholera is :  
(a) Land-pollution                      (b) Noise-pollution  
(c) Air-pollution                      (d) Water-pollution
- 16- What is the Universal solvent ?  
(a) Sulphuric-Acid                      (b) Aqua-Regia  
(c) Hydrochloric-Acid                      (d) Water
- 17- Where is the Sea of Tranquility ?  
(a) Near the barmunda Triangle                      (b) In the Atlantic Ocean  
(c) On the Moon                      (d) In the Pacific Ocean
- 18- Who discovered the Circulation of blood ?  
(a) Hargobind Khurana                      (b) William Harvey  
(c) Edward Jenner                      (d) Louis-Pasteur
- 19- Which of the following has an Organic Origin ?  
(a) Sand                      (b) Nylon                      (c) Coul                      (d) Bakelite
- 20- Who discovered Pencillin ?  
(a) Watson & Crick                      (b) Sir Alexander Fleming  
(c) Robert Koch                      (d) Louis Pasteur
- 21- The atom is made of :-  
(a) Positrons, Neutrons, & Electrons  
(b) Protons and Quarks  
(c) Neutrinos, Gamma Rays and Positrons  
(d) Protons, Neutrons & Eletrons
- 22- Which gas evolves when charcoal is burnt ?  
(a) Oxygen                      (b) Ozone                      (c) Nitrogen                      (d) Carbondioxide

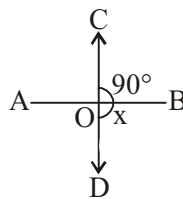
- 23- What is the total number of bones in the body ?  
(a) 32 (b) 196 (c) 206 (d) 512
- 24- What is the name given to molten rocks erupted by a volcano ?  
(a) Geyser (b) Firestone (c) Lava (d) Crater
- 25- The animal kingdom is formally-classified into major groups known as :-  
(a) Families (b) Sub phyla (c) Phyla (d) Orders
- 26- Who invented the Miner's safety-lamp ?  
(a) Sir Frank Whittle (b) Sir Humphrey Davy  
(c) Alexander Graham Bell (d) Thomas Alva Edison
- 27- The three methods of Science are - observation, experimentation and.....  
(a) inference (b) measurement (c) deduction (d) hypothesis
- 28- Who wrote the book "The Origin of Species" ?  
(a) Charles Darwin (b) Stephen Hawking  
(c) Sir Alexander Fleming (d) Louis Pasteur
- 29- Enzymes and antibodies are mainly made of -  
(a) Proteins (b) Fats (c) Vitamins (d) Carbohydrates
- 30- Which gas in the atmosphere protect us from harmful ultraviolet radiations ?  
(a) Ozone (b) Carbon-dioxide (c) Nitrogen (d) Oxygen
- 31- Which of the following is necessary for burning (combustion)?  
(a) Petrol (b) Oxygen (c) Nitrogen (d) Carbon
- 32- If your diet is deficient in sour fruits then you are supposed to suffer from-  
(a) Rickets (b) Beri-Beri (c) Scurvy (d) Night-blindness
- 33- ..... is a good conductor of electricity,  
(a) Metal (b) Rubber (c) Plastic (d) All of these
- 34- A small baby plants coming out of seed is called .....  
(a) Grain (b) Root (c) Dispersal (d) Seeding
- 35- The Substance imparts green colour to the plants is known as  
(a) water (b) chlorophyll (c) carbon dioxide (d) calcium

**MATHS**

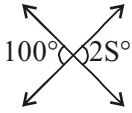
- 36- Which of the following is equal to  $\frac{1}{3}$ ?
- (a)  $\frac{1}{6} + \frac{1}{6}$                       (b)  $\frac{7}{12} - \frac{1}{6}$                       (c)  $\frac{1}{2} \times \frac{1}{6}$                       (d)  $\frac{5}{6} \div \frac{2}{3}$
- 37- How many hundredths are there in 0.7?
- (a) 7000                      (b) 700                      (c) 70                      (d) 7
- 38-  $\frac{4}{5}$  Kg of fish and 2Kg of squid cost Rs 52,  $\frac{1}{4}$  Kg of fish and 1 Kg of squid cost Rs.23., Find the cost of 3 kg of squid?
- (a) 54                      (b) 50                      (c) 20                      (d) none of these
- 39- Express 60cm as fraction of 2m in its simplest form
- (a)  $\frac{1}{120}$                       (b)  $\frac{1}{30}$                       (c)  $\frac{3}{10}$                       (d)  $\frac{4}{5}$
- 40- Find the ratio of the shaded parts to the unshaded parts



- (a) 5:11                      (b) 5:16                      (c) 11:5                      (iv) 11:16
- 41- Find a number which is a multiple of all the numbers from 1 to 10.
- (a) 5040                      (b) 1260                      (c) 720                      (d) 1440
- 42- Find the value of  $3 \times 3 \div 3 \times 3$
- (a) 9                      (b) 1                      (c) 3                      (d) None of these
- 43- If  $a > 0$ , which of the following four numbers is the greatest?
- (a)  $a$                       (b)  $2a$                       (c)  $4a$                       (d)  $8a$
- 44- What is the missing number in the box?
- $$1\frac{2}{5} + 1\frac{2}{5} + 1\frac{2}{5} + 1\frac{2}{5} = \square \times \frac{7}{5} + 1\frac{2}{5}$$
- (a) 3                      (b) 0                      (c) 2                      (d) None of these
- 45- What is the missing number in the box?  $100 \times \square + 2\frac{1}{2} = 3\frac{1}{2}$
- (a) .001                      (b) .01                      (c) .1                      (d) 1.0
- 46- In the given figure find  $\angle DOB$



- (a)  $90^\circ$                       (b)  $180^\circ$                       (c)  $130^\circ$                       (d) None of these
- 47- If  $x = \frac{6}{25}$  and  $y = \frac{3}{5}$ , then the value of  $\frac{x}{y}$  is
- (a)  $\frac{6}{5}$                       (b)  $\frac{18}{125}$                       (c)  $1\frac{2}{5}$                       (d) None of these

- 48- If  $x = \frac{2}{3} + \frac{3}{4}$  and  $y = \frac{3}{4} + \frac{5}{6}$ , then the value of  $\frac{1}{x} \div \frac{1}{y}$  is
- (a)  $\frac{11}{38}$  (b)  $\frac{17}{38}$  (c)  $\frac{22}{17}$  (d)  $\frac{19}{17}$
- 49- If  $\frac{3}{2} \times x \times \frac{6}{3} = 3\frac{3}{4}$ , then the value of x is
- (a)  $\frac{3}{4}$  (b)  $\frac{4}{3}$  (c)  $\frac{5}{4}$  (d) None of these
- 50- What is the value of s in the given figures.
- 
- (a)  $100^\circ$  (b)  $80^\circ$  (c)  $50^\circ$  (d)  $130^\circ$
- 51- In a class there are 28 boys and 14 girls, What fraction of the pupils are girls
- (a)  $\frac{1}{3}$  (b)  $\frac{1}{4}$  (c)  $\frac{1}{5}$  (d)  $\frac{1}{6}$
- 52- A fruit seller had 68975 oranges, He packed them in the boxes with each box containing 325 oranges, Find the number of boxes
- (a) 225 (b) 315 (c) 215 (d) 205
- 53- Latika takes 3 minutes 20 seconds to finish reading of one page of a story book, If the book has 42 pages, How long will she take to finish?
- (a) 22 Min. 20 Sec. (b) 1 Hr 24 Min (c) 134.4 Min. (d) 2 Hrs 20 Min
- 54- The cost of  $3\frac{1}{2}$  kg of sweets is Rs.  $185\frac{1}{2}$ , Find the cost of 1 Kg of sweets.
- (a) Rs. 55 (b) Rs 53 (c) Rs 88 (d) Rs 65
- 55- 68 people can travel in one bus. How many buses will be needed for 1904 people going on a pilgrimage?
- (a) 27 (b) 28 (c) 26 (d) 29
- 56- Which two fractions are equivalent?
- (a)  $\frac{5}{2}$  and  $\frac{2}{5}$  (b)  $\frac{4}{3}$  and  $\frac{8}{6}$  (c)  $\frac{1}{4}$  and  $\frac{2}{4}$  (d)  $\frac{2}{3}$  and  $\frac{1}{3}$
- 57-  $5 \div \frac{1}{7}$
- (a)  $\frac{5}{7}$  (b)  $\frac{6}{7}$  (c)  $\frac{1}{35}$  (d) 35
- 58- The value of  $x + x(x^x)$  when  $x=2$  is
- (a) 10 (b) 16 (c) 18 (d) 36
- 59- Take away one tenth three times from 1 and you are left with
- (a) 0.3 (b) 0.7 (c) 0.1 (d) None of these
- 60- Find the odd one out
- (a) 15 (b) 21 (c) 27 (d) 31



SPACE FOR ROUGH WORK

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