



**Pinnacle**  
EduCare  
Dream it • Do it  
JEE / NEET / Olympiads / NTSE / Boards



**P-TQE 2025**  
**Pinnacle** Talent Quest Exam

For 6<sup>th</sup> to 11<sup>th</sup> Class Students

**STAGE - 1 & STAGE - 2**

## Pinnacle Talent Quest Exam

# SAMPLE TEST PAPER

**Class 8<sup>th</sup>**

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 - 2025

Pinnacle STAR Reward Exam



STAGE - 1 & STAGE - 2



### Test Date

Stage-1

7 November, 2025

Stage-2

14 November, 2025

### Registration Details

Register Online  
at our Website

OR

Scan  
QR



Free Registration

### Address

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

### Call Now

7054862020

8808585664

# What Makes Pinnacle Unique?

1 Best Faculty Team



Lecture  
Recording  
Lab

2 Hi-Tech Classrooms



Student  
Performance  
and  
Analysis Report

3 Customized Study material



Revision  
Classes &  
Self Study  
Zones

4 Personal Attention



Rich Library &  
Researched  
Study  
Modules

5 Unlimited Doubt Sessions



Online Testing  
Lab (CBT)

6 Best Testing Methodology



Extra Support  
to weaker  
students



Smart & AC  
Classrooms



Objective +  
Subjective



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.

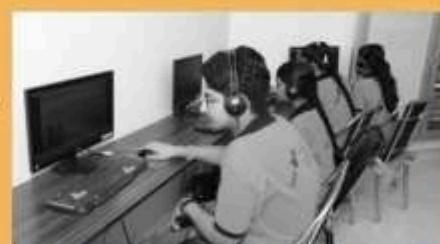


### Doubt Clearance 2

"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) Tissue-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 Tranquillity ?  
(a) Near the Bermuda 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) Coal (d) Bakelite

20- Who discovered Penicillin ?  
(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 & Electrons

22- Which gas evolves when charcoal is burnt ?  
(a) Oxygen (b) Ozone (c) Nitrogen (d) Carbon dioxide

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 Volncoa ?  
 (a) Geyser (b) Firestone (c) Lava (d) Crater

25- The animal kingdom is formally-classified into major group ksnown as :-  
 (a) Families (b) Sub phyla (c) Phyla (d) Orders

26- Who invented the Miner's saftey-lamp ?  
 (a) Sir Frank Whittle (b) Sir Hum phrey Davy  
 (b) Alexander Graham Bell (d) Thumas Alva Edison

27- The three methods of Science are - observation, experimenttiaon and.....  
 (a) inference (b) measurement (c) deducation (d) hypothesis

28- Who wrote the book "The Origin of Species" ?  
 (a) Charles Darwin (b) Stephen Hawking  
 (c) Sir Alexender 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 ultraviotl eradiations ?  
 (a) Uzone (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 supposetod 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 :a-s  
 (a) water (b) chlorophyll (c) carbondioxide (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  $3 \times 3 \times 3$

(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?

$1\frac{2}{5} + 1\frac{2}{5} + 1\frac{2}{5} + 1\frac{2}{5} = \square \times \frac{7}{5} + \frac{2}{5}$

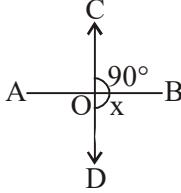
(a) 3      (b) 0      (c) 2      (d) None of these

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  $DOB$



(a) 900      (b) 1800      (c) 1300      (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  $\frac{x}{y}$  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)  $100o$  (b)  $80o$  (c)  $50o$  (d)  $130o$

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 which 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 giving 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 tenths 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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