

**Information Bulletin**  
**RET– 2024**  
**(APPLYING FOR CLASS – VI)**  
**Currently Studying Class V**

**About RET:**

RET (Resonance Eligibility test) is a knowledge and aptitude test which is conducted by Resonance Educational Institutions, Hyderabad to assess the student's current academic performance and prospects. Qualifying RET with 40% marks is minimum criterion for immediate reservation in any coaching program of Resonance in Telugu states.

For JEE and NEET aspiring students RET would provide bench marking along with a real world feel of competitive spirit. It helps the student to showcase his/her talent in competitive exam pattern which will boost his/her confidence to perform well in future competitive examinations & make way for a bright career ahead.

RET will be the student's first step towards fulfilling their dream of becoming an Engineer or Doctor from reputed universities across the India and abroad.

**Who can attend RET?**

Students currently Studying 5<sup>th</sup> to 10<sup>th</sup> Class will be eligible to write RET exam.

**How will RET help you?**

- Student will get a comprehensive report, covering all domains in terms of subjects and aptitude, along with areas requiring improvement & percentile score.
- RET will evaluate your Analytical Skills & guide you further to improve upon.
- Have a clear & personalised picture of your subject preparation concept wise.
- Qualify for a Resonance Classroom Programmes across all branches in Telugu states.

**How to apply for RET?**

Students who want to apply for RET can login to [www.resonancehyderabad.com](http://www.resonancehyderabad.com) and apply by paying registration fee.

**Registration Fee:**

- Rs. 200/- per student – Payable Online using our secure payment gateway using Internet Banking, Debit/Credit card or any other online payment service
- You can also contact with RET Co-ordination Cell for Registration Assistance on **9121219858**  
**(9 AM to 7 PM)**

**RET: Exam Process**

RET exam is conducted in offline mode across all Resonance campuses in Hyderabad as per the specific dates mentioned in website.

## RET Paper Structure

Subject	Questions from each subject	Total Questions	Total Marks	Test Duration
Physics, Biology, Chemistry, Mathematics and Mental Ability	7 each PCB, 14 Math, 5 MAT	40	160	60 Min (1 Hour)

## Question Wise Breakup

Sections	Question Marking (Correct, Wrong, Leave)	Question Types (Medium: English & Hindi)
PBCM & MAT	(+4 Marks for each correct Questions) (No Negative Marking) (Zero Marks for not attempted Questions)	General Science – 21 (7P, 7C, & 7B) Mathematics & MAT -19 (14M, 5MAT)

## Syllabus Breakup

Subject	Particulars
<b>Environmental Science</b>	Changing family Structure (IV) Plants around us (IV) Various types of Animals (IV) The Living organisms and their surroundings (IV) Our Village (IV) Bones and Muscles (V) Whose Forests (V) Interdependence in Nature (V)
<b>Mathematics</b>	Smart Tables (IV) Tick-Tock goes the clock (IV) How much more – How much less (IV) Borders and Boundaries (IV) Patterns (IV) Multiply and divide (V) Angles in our surroundings (V) Playing with shapes (V) Bigger numbers (V) Smart Tables (V)
<b>Mental Ability</b>	Playing Alphabet Number Game

**Disclaimer:** RET is an open excellence Test for motivating and rewarding students. Resonance doesn't ensure unconditional admissions on qualifying RET. Registration fee is nonrefundable. Resonance keeps all right for keeping details of the students confidential. Exam results cannot be challenged and reviewed.

HALL TICKET NO :

**Resonance**<sup>®</sup>  
Educational Institutions  
—Telangana & Andhra Pradesh—

**TEST ID**  
**0001**

**Academic Session : 2024 - 25**

# Reso Eligibility Test (RET) - 2024

**For Students moving in Class - VI  
(Presently Studying in Class V)**

**Duration: 1 Hour | Max. Marks: 160**



*Please read the next page of this booklet for the instructions.*

Survey Number 321/AA and 322/AA, Situated at Nandigama Village,  
Patancheru Mandal, Sangareddy, District, Patancheruvu, Telangana 502300

## IMPORTANT INSTRUCTIONS

### GENERAL INSTRUCTIONS

1. This booklet is your Question Paper.
2. Blank papers, clip boards, log tables, slide rule, calculators, mobile or any other electronic gadgets in any form are not allowed to be used.
3. Write your **Name & Application Form Number** in the space provided in the first page of this booklet.
4. No rough sheets will be provided by the invigilators. All the rough work is to be done in the blank space provided in the question paper.
5. No query related to question paper of any type is to be put to the invigilator.

### INSTRUCTIONS FOR OPTICAL RESPONSE SHEET (ORS)

- Darken the appropriate bubbles on the original by applying sufficient pressure.
- The original is machine-gradable and will be collected by the invigilator at the end of the examination.
- Do not tamper with or mutilate the ORS.
- Write your name, Application form number and the name of the examination centre and sign with pen in the space provided for this purpose on the original. **Do not write any of these details anywhere else.** Darken the appropriate bubble under each digit of your roll number.
- Before answering the paper, fill up the required details in the blank space provided in the Objective Response Sheet (ORS).
- Do not forget to mention your paper code and **Application Form Number** neatly and clearly in the blank space provided in the Objective Response Sheet (ORS) / Answer Sheet.
- Use a **BLACK BALL POINT** to darken the bubbles in the upper sheet.
- Darken the bubble **COMPLETELY**.
- Darken the bubble **ONLY** if you are sure of the answer.
- The correct way of darkening a bubble is as shown here : ●
- There is **NO** way to erase or "un-darkened bubble.
- The marking scheme given at the beginning of each section gives details of how darkened and **not darkened** bubbles are evaluated.

**Marks distribution of questions is as follows.**

## ResoFAST 2024 - 25





Q.NO	SUBJECT	NATURE OF QUESTIONS	Marks to be awarded			
			No. of Q's	Correct	Wrong	Total
1 - 7	Physics	Single Choice Questions	7	4	0	28
8 - 14	Chemistry	Single Choice Questions	7	4	0	28
15 - 21	Biology	Single Choice Questions	7	4	0	28
22 - 35	Mathematics	Single Choice Questions	14	4	0	56
36 - 40	Mental-Ability	Single Choice Questions	5	4	0	20

\* \* \*



## VI-PAPER-1

### EVS

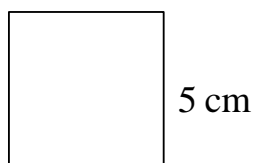
- How does a growing baby speak a language without learning it anywhere?
  - They are born talented
  - They know how to speak from the beginning
  - They gradually pick up the language that normally the other family members speak
  - No, they go to school to learn anything.
- Neem and banyan trees are found in-
  - Hills
  - Plains
  - Water
  - Desert
- Animals can be classified based on their
  - Eating habits
  - Movement and habitat
  - Presence of backbone
  - All of these
- Organisms living on land are \_\_\_\_\_ organisms
  - aquatic
  - arboreal
  - terrestrial
  - Migration
- Many people in India live in the \_\_\_\_\_ that are smaller than the cities.
  - villages
  - cities
  - Metro-politan cities
  - All the above
- How many bones does an adult human have?
  - 602
  - 306
  - 206
  - 500
- Plants, animals and microorganisms make up the \_\_\_\_\_ component of the environment.
  - Biotic
  - Abiotic
  - Natural
  - Habitat
- People who belong to the same sibling represent different levels in a family tree.
  - Geeneration
  - FALSE
  - Relatives
  - All the above
- The \_\_\_\_\_ makes food for the plant.
  - 
  - 
  - 
  - 
- Identify the reptile that has no legs.
  - Snake
  - Chameleon
  - Lizard
  - Crocodile
- Everything surrounding and affecting an organism is known as
  - Environment
  - Adaptation
  - Natural environment
  - Microorganisms
- Where the camel carts are used
  - Desert
  - Green land
  - Forest
  - All



13. This bone will help you stand up tall, bend and twist Backbone  
(A) Frontbone (B) Backbone (C) Ribcage (D) Spine
14. Gases like \_\_\_\_\_ is formed during decomposition.  
(A) oxygen (B) nitrogen (C) carbon dioxide (D) Both B & C
15. Which of the following involves the study of family histories and tracing a family tree?  
(A) PATHOLOGY (B) ORNITHOLOGY (C) GENEALOGY (D) NONE OF THESE
16. Tall and strong plants are called \_\_\_\_\_  
(A) climbers (B) creepers (C) shrubs (D) trees
17. Select the incorrect match  
(A) Aquatic animal – octopus (B) Amphibian – turtle  
(C) Mammal – lion (D) Insect – mosquito
18. The winter sleep of some organisms are called  
(A) Adaptation (B) Hibernation (C) Habitat (D) Migration
19. What is a village panchayat?  
(A) An elected body that governs a village (B) A religious leader in a village  
(C) A traditional dance form in village (D) A festival celebrated in a village
20. Ribs bone located in the  
(A) Chest (B) Stomach (C) Legs (D) Hands
21. To pollute something means to make it \_\_\_\_\_.  
(A) clean (B) dirty (C) useful (D) All the above

## Mathematics

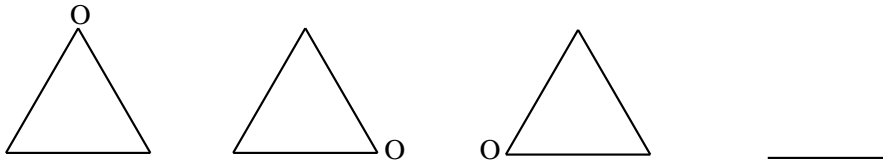
22. Find the perimeter of square

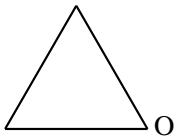
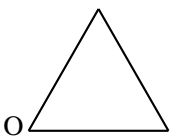
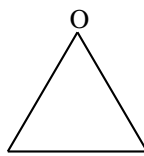


- (A) 20 cm (B) 30 cm (C) 40 cm (D) 50 cm
23. Perimeter of circle is  
(A) Total distance covered (B) sum of all sides  
(C) Both A and B (D) None



24. Write the next pattern of following



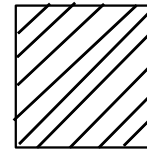
- (A)  (B)  (C)  (D) none

25. Write the next three numbers in the series

3, 6, 10, 15, —, —, —

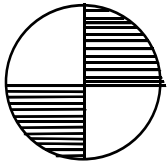
- (A) 10, 12, 14 (B) 27, 31, 35 (C) 21, 28, 36 (D) 64, 128, 256

26. Match the shadows of the object



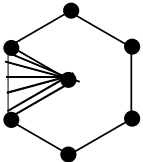
- (A) (B) (C) (D)

27. Write the fraction part



- (A)  $\frac{2}{4}$  (B)  $\frac{1}{4}$  (C)  $\frac{3}{4}$  (D) 1

28. How many parts are shaded in figure



- (A)  $\frac{1}{6}$  (B)  $\frac{2}{6}$  (C)  $\frac{3}{6}$  (D)  $\frac{4}{6}$

29.  $225 \div 5$  is

- (A) 45 (B) 35 (C) 25 (D) None

30. Write greatest 4 digit number

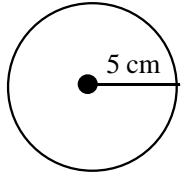
- (A) 9 (B) 999 (C) 9999 (D) 99999

31.  $235 + 341 + \underline{\hspace{2cm}} = 999$

- (A) 420 (B) 421 (C) 423 (D) 424

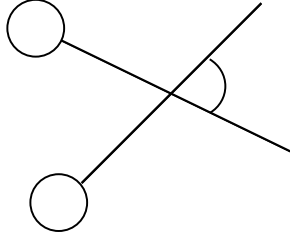


32. Radius of circle is



- (A) 3 cm                      (B) 4 cm                      (C) 6 cm                      (D) 5 cm

33. Mark the angle formed in figure



- (A) Acute                      (B) obtuse                      (C) right                      (D) none

34. How many weeks are completed in 150 days

- (A) 20                      (B) 21                      (C) 22                      (D) 23

35. At 3'o clock the angel between hands of clock

- (A) Acute                      (B) Right                      (C) Straight                      (D) none

### MENTAL ABILITY

36. In a telephone directory, which of the following names will appear in the last?

- (A) Avinash                      (B) Ankit                      (C) Anirudh                      (D) Alankar

Directions : (37) Arrange the following group such that when arranged in a specific order, meaningful word is formed.

37. V A H Y E 1 2 3 4 5

- (A) 2, 3, 4, 5, 1                      (B) 3, 2, 5, 1, 4                      (C) 3, 5, 2, 1, 4                      (D) 1, 5, 2, 3, 4

38. In the word 'POWERING', first all vowels are arranged alphabetically and then all the consonents are arranged alphabetically. Which letter will be the fourth to the left of second letter from the right?

- (A) I                      (B) O                      (C) G                      (D) N

Directions : (39) Find the missing number.

39. 1, 8, 9, 64, 25, 216, ?

- (A) 200                      (B) 343                      (C) 61                      (D) 49

40. 2, 4, 8, 14, ?

- (A) 19                      (B) 23                      (C) 21                      (D) 22



### Instructions for filling OMR

- (a) Student ID must be correctly filled, else OMR won't be evaluated
- (b) If you make a mistake filling your Student ID, use a new OMR
- (c) Use Blue/Black Pen for marking

**WRONG METHODS**



**CORRECT METHOD**



**Student Hall Ticket No**

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**TEST ID**

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Student Name: .....

Father's Name: .....

School Name: .....

Class: ..... Area: .....

Phone No: 1) ..... 2) .....

Invigilator's Sign: .....

**A B C D**

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**A B C D**

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# ANSWER KEY CLASS –VI PAPER-1

## EVS

1) C	2) B	3) D	4) C	5) A	6) C	7) A
8) A	9) B	10) A	11) A	12) A	13) D	14) D
15) C	16) D	17) B	18) B	19) A	20) A	21) B

## MATHEMATICS

22) A	23) A	24) C	25) C	26) A	27) A	28) A
29) A	30) C	31) C	32) D	33) A	34) B	35) B

## MENTAL ABILITY

36) A	37) C	38) B	39) D	40) D
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