COGNITIVE ABILITY TEST

The following questions refer to certain aspects of your general ability. Specific directions are provided wherever necessary. Read them carefully and write your answers in the space against each question. Do not spend too much time on any single item. You are given one and half hours to complete the test. Finish as quickly as possible.

1. Write a detailed meaning or definition for the given word.

Example: "Customer"

A customer is one who comes to a shop or a business place regularly or frequently or continuously.

Similarly write the meaning of the following word.

"News Paper"

2. Following one word, four words are given. Choose a word which gives similar meaning as the first word, from the four words given.

Example: Knowledge.

(a) Mind, (b) Wisdom, (c) Body, (d) Wealth.

The synonym for knowledge is Wisdom.

Find the synonym for the given word.

"Joy"

(a) Laugh, (b) Game, (c) Happiness, (d) Sweet
3. The words are interchanged below. Make a meaningful sentence by changing the position.

Example:

Living species sea in air dissolved breath in the water the

Here you write the sentence as "species living in the sea breathe the air dissolved in water".

Similarly make a meaningful sentence from the following words.

If can magnetic electricity energy can produce magnets electricity.

4. Pick out the inappropriate word from the given four words.

Example:

(a) Horse, (b) Cow, (c) Man, (d) Flower

Here the inappropriate word is Flower.

Similarly find out the word which is inappropriate among the following.

(a) Card, (b) Red, (c) Cover, (d) Stamp ( )

5. Who behave better? Boys or Girls? We cannot say. It is only the opinion of some one.

Now write which is an opinion and which is a fact in the given statements.

Mathematics is more difficult than Science. ( )

Cotton is softer than iron. ( )
6. Here are three pairs of words. Choose the most suitable pair of words.

Example:

a. Flower-Thorn (b) Flower-Fragrance (c) Fragrance - Colour.

The most suitable pair here is Flower-Fragrance.

Choose the most suitable pair from below.

a. Beauty - Ugliness (b) Beauty - Peacock (c) Peacock - Black

7. Here there is one pair of words followed by four pairs of words. Choose that pair of words which has the same relationship as the first pair.

Example:

Earthworm - Soil.

(a) Parrot - Worm (b) Luck - Tree (c) Fish - Water (d) Sea-Blue.

A. What is the relationship between earthworm and soil? Habitat. So the similar pair is Fish-Water

B. Similarly select the suitable pair from the following.

Lion - Roaring

(a) Peacock - feather (b) Dog - Barking
(c) Rabbit - Jumping (d) Snake - Poison

8. There are certain words given in order. See whether it is in meaningful order. If not, make the correction.

Example:

Key, Lock, Room, Door, House.

Is it a meaningful sequence?

The key will be in the lock.
Where will be the lock? Hence it requires change. Mention the needed change.

Similarly mention the change needed in the following.

Rice, Hostel, Food, Parents, Fees

9. Words are given in $2 \times 3$ form. Choose one appropriate word from the given words to fill the given blank.

Plant - Cotton - Dress

A. Sheep - Wool ____________

(a) Blanket, (b) Food, (c) Forest, (d) Mountain

What do we get from Sheep wool? (Blanket)

B. Fill up the blank in a similar manner.

Floor, Street, Vehicle

Sky Path ________________

(a) Aeroplane (b) Bird (c) Kite (d) Balloon (ed) Cloud.

10. You have to find out the distance between Ship and Port.
    The distance between two adjacent places is 2 km.

    F---G---H---I
    :   :   :
      :   :
    J---K---L---M
    :   :   :
      :   :
    N---O---P---Q
    :   :   :
      :   :
    R---S---T---U

A. What is the distance between Ship N and Port O? (  )
B. Similarly what is the distance between Ship J and Port G (  )

11. To solve the problem given what computation procedure should be adopted?

A. In the city, if the price of land measuring 48’x62’ is Rs. 25.538, what is the price per sq.ft?

Computation procedures

a. Add and multiply  b. Multiply and divide
   c. Subtract and divide  d. Add and subtract
   e. Divide and add

B. If the price of one pencil is Rs.2 and the price of one pen is Rs. 8, what should be the total cost of one dozen pen and one dozen pencil.

a. Multiply and add  b. Add and multiply
   c. Multiply and subtract  d. Subtract and multiply
   e. Subtract and divide

C. Raja has Rs. 1,556.00 Rani has Rs. 250.00 less than what Raja has. What is the total amount that both have?

a. Subtract and add  b. Multiply and add
   c. Divide and subtract  d. Multiply and divide
   e. Add and subtract  f. Divide and multiply

12. Give six common features of the two objects given.

Beet Root and Carrot

a. Both are vegetables

b. Both are coloured (Give more points)

c.
d.
e.
f.
13. Predict the future from present condition given.

Example:

There is a drought due to the absence of rain for the past 5 years. If this continues for 20 more years, what will happen?

a. People will die because of lack of food.

b. People will fight for food.

c. There will be a decrease in living species.

Answer the following similarly

For the past five years, female children born are more in number than male children. What will happen after twenty years?

14. Write how the given materials will be useful in the situations indicated.

A. Raju and Bapu go to a swimming pool.
   a. Life belt b. Shampoo

B. Seetha and Geetha go for N.C.C. Camp.
   a. Rope b. Torch

C. Cheenu goes for fishing.
   a. Earthworm b. Cork

15. Three words are given followed by several words. Find out the synonym for each of the three words from the given list.

Lamp Lantern

Search Hunt

Courageous Bold
(a) Beat  (b)  Bold  (c) Write  (d) Lantern  (e)  Hunt  (f) Sky

Find out the synonyms for the following:

Fearful                                      
Dive                                          
Like                                          

(a)     Hard (b) Live (c) Afraid (d) Sink (e) Desire (f) Catch

16. Here a few words followed by two groups of words are given. Find out the group of words related to the first group given.

Example:

Silk       Nylon       Fur

Group of words

a. Rayon  Cotton  Jari

b. Fog    Ice      Plood

Similarly find out the related group of words from the following:

Red       Yellow       Blue

a. Sun,    Sky,       Rain

b. Orange, White,    Green

17. Names of objects belonging to a group are given below. Include another item belonging to that group.

Example:

a. Ford, Plymouth, Ambassador

b. Plantain, Apple, Orange
Similarly include four other names in the following group Brinjal, Ladies Finger, Beans

18. Given below are three words followed by certain definitions. Find out which definitions are appropriate for the words.

a. Pupil    b. Knife    c. Like

Definitions

i. Useful to Cut  (Knife)

ii. A round object

iii. Lens like object in the eye  (Pupil)

iv. Success

v. Desire for something  (Like)

vi. Proceed

Similarly find out the match for the following:

a. Ice    b. Saliva    c. Rat

i. Food

ii. Cold

iii. Eskimos

iv. Food for cat

v. Water

vi. Looking at sweet
19. In the following test, a sentence is given followed by another sentence with a blank. Fill up the blank with any one of the words given so as to give the same meaning/relation as the first sentence.

Example:

Light travels faster than sound

Sound travels ________________ than light

a. Louder b. Slower c. Higher d. Longer

Which is the appropriate word?

First sentence has the word faster

What should be the word to be filled in the blank? It should be opposite to ‘Faster’ (Slower)

In the same way fill up the blank given below.

Diamond is heavier than carbon.

Carbon is ____________ than diamond

a. Lighter b. More black c. Cheaper d. None of the above

Silk is smoother than cotton.

Cotton is ____________ than silk.


20. Given below are two related words followed by a third word. Find out the matching word to give the same relationship as the first two matched words.

Police Car - Police Man. Fire Engine ________________

Police man goes in Police Car. Who goes in Fire Engine?

Write.
In the same way supply a proper word in the following:

Radio - Sound : Television ____________________________

21. One or two sentences are given followed by questions. Write the answers for the questions from the sentences.

Sri Ramana Maharishi was the Saint of Arunachala in Tiruvannamalai. He was a Sage of the recent times who had ended his earthly life three decades ago. He drew many seekers from the west too.

a. Who was Ramana Maharishi?

b. When did he live?

Mosquitoes are the cause for the spread of certain diseases. They grow rapidly in stagnant waters and unclean surroundings. We should always keep our surroundings clean to drive away mosquitoes.

a. What happens, when mosquitoes are present?

b. When do mosquitoes grow rapidly?

22. In the following test, a question and an answer are given first. Then the answer is changed to a question. Now give the answer for the question.

Q. What can never be beaten?

A. A torn drum

Q. What is the characteristic feature of a torn drum?
Write the answer from the first question.

A.

Similarly give the answer for the following question.

Q. What can never be burnt?
A. Ash

Q. What is the specific feature of ash?
A.

Q. Which can never be stolen?
A. Knowledge

Q. What is the characteristic feature of knowledge?
A.

23. Two sentences are given containing two words pronounced in the same manner but having different meanings. The meaning of one word is given. Find out the meaning of the other word from the four words given.

Example:

1. Rama died on 5th August

   The cloth was dyed red.

   The meaning of one word is "passed away"

   Find out the meaning of the other word. It is

   a. Coloured  b. Washed  c. Ironed   d. Changed  

   Find out the answer for the following item.
ii. The engine was stationary
Books can be bought from a stationery shop
The meaning of one word is "Bookshop"
The other is
a. moving b. not moving c. ready to start
d. having compartments

iii. The screen was moving by the prevailing draught
There is an acute food shortage due to drought
The meaning of one word is wind
The other is
a. lack of rain b. no growth
c. wastage d. dry wind

iv. Raju was sitting on a cot
The thief was caught by the police
The meaning of one word is "small bedspread"
The other is
a. got hold of b. left free
c. taken d. released ( )

24. In this test, the name of the person and his occupation are given followed by names of few objectives. Find out which object or material will be suitable for his job.

Example:

Gopal - Carpenter
Vasu - Electrician

Gopal:
- a. Piano
- b. Microphone
- c. Hammer
- d. Printing Machine

Vasu:
- a. Microphone
- b. Watch
- c. Line Tester
- d. Hammer

Answer the following similarly

i. Kannan - Doctor : Ramu - Teacher

Kannan:
- a. thermometer
- b. plate
- c. wire
- d. spoon

Ramu:
- a. coil of wire
- b. thermometer
- c. book
- d. spoon

ii. Cheenu - Tailor : Gopu - Barber

Cheenu:
- a. hammer
- b. knife
- c. needle
- d. wheel

Gopu:
- a. knife
- b. needle
- c. wheel
- d. hammer

25. In this test, the name of a person and the book he has written are given. From this find out his job.

Ram has written a book about the pictures he has drawn. From this can you guess his job?

He is an artist

Similarly find out the answers for the following:

Kanda - My work on Mathematics

Kanda's job: ___________________________
26. In this test, for each question, certain objects, instruments, pictures or names are given. Find out a common name for each group of items given.

Example:

Knife, Cup, Plate, Duster, Spoon, Vessel.

For these items, we can give a common name ‘Cooking Utensils’

Similarly give a common name for each of the following groups of items:

a. Wheel, Ball, Brake, Tyre, Pedal
b. East, West, North, South
c. Pen, Pencil, Brush, Chalk
d. Madurai, Trichy, Salem, Tirunelveli
e. Eye, Ear, Nose, Tongue, Teeth

27. For each question twelve words are given.

Make four groups according to the characteristics of the words.

1. Blue  
2. Screw Driver  
3. Nut Cracker  
4. Heavy  
5. Big  
6. Light  
7. Small  
8. Long  
9. Opener  
10. Orange  
11. Red  
12. Short

The following are the groups:

a. Blue, Orange, Red (Colours)
b. Screw Driver, Nut Cracker, Opener
c. Heavy, Light
d. Small, Big, Long, Short
Similarly categorise the following:

1. Plate  
2. Stool  
3. Jasmine  
4. Spoon  
5. Anacin  
6. Lilly  
7. Table  
8. Vicks Vaporub  
9. Lotus  
10. Coldarin  
11. Cup  
12. Chari

28. In this test, there are 4 words given in two division. In between many words are given. From this, choose the appropriate words related to each division. Leave out those words which are not relevant.

Example:

<table>
<thead>
<tr>
<th>Division 1</th>
<th>Words</th>
<th>Division 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cow</td>
<td>Desk</td>
<td>Table</td>
</tr>
<tr>
<td>Horse</td>
<td>Goat</td>
<td>Chair</td>
</tr>
<tr>
<td>Sheep</td>
<td>Bookshelf</td>
<td>Cupboard</td>
</tr>
<tr>
<td>Dog</td>
<td>Tree</td>
<td>Lamp</td>
</tr>
<tr>
<td></td>
<td>Cat</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Nose</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Dressing Table</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Donkey</td>
<td></td>
</tr>
</tbody>
</table>

Bookshelf, Dressing Table will go with Division 2.

Mention the words which will be appropriate in Division 1.

Similarly group the following words in Division 1 or Division 2.

<table>
<thead>
<tr>
<th>i.</th>
<th>Division 1</th>
<th>Words</th>
<th>Division 2</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Rice</td>
<td>Palm</td>
<td>Book</td>
</tr>
<tr>
<td></td>
<td>Wheat</td>
<td>Rubber</td>
<td>Pen</td>
</tr>
<tr>
<td></td>
<td>Ragi</td>
<td>Paddy</td>
<td>Geometry Box</td>
</tr>
<tr>
<td>Bengal Gram</td>
<td>Sugar Cane</td>
<td>Pencil</td>
<td></td>
</tr>
<tr>
<td>-------------</td>
<td>------------</td>
<td>--------</td>
<td></td>
</tr>
<tr>
<td>Razor</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cat</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

ii. Division 2

<table>
<thead>
<tr>
<th>Cotton</th>
<th>Cloth</th>
<th>Hand</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fibre</td>
<td>Weaving</td>
<td>Leg</td>
</tr>
<tr>
<td>Leather</td>
<td>Eye</td>
<td>Stomach</td>
</tr>
<tr>
<td>Rayon</td>
<td>Wool</td>
<td>Head</td>
</tr>
</tbody>
</table>

Silk

Finger

Face

29. Fill up the blanks with suitable words

Example:

Feet : Chappal : Hand : ____________

Chappal is to feet as gloves is to hand

Fill up the following blank

Pen : Ink : Brush : ____________

30. Indicate the relation of the second word with the first in the given pair.

Example

a. Cat  b. Rat

One is the prey of the other.

Similarly indicate the relation between the following:

a. India  b. Delhi
31. In this test two words with similar meanings are given. Write a third word which has the same meaning i.e. a synonym

Review - Re examine

Another word which is a synonym is "revise" 

Indicate a word which has a similar meaning for the following

Show : Display : ___________________________

Aim : Purpose : ___________________________

32. Three sentences are given. List them according to the order of incidents.

i. He bought some vegetables.

ii. He cooked some vegetables

iii. He went to market.

Here the sentence "He went to Market" should come first what should be the next sentence?

Similarly arrange the following sentences in order of the incidents.

i. The pushed cart dashed on him.

ii. One man was going by cycle

iii. He was slightly injured

33. Last the different uses for which the following common objects can be employed.

For example : Newspaper

It is used for reading news. Other uses are for making parcels, to make fire, close our face, sit on an unclean place. List other uses.
Similarly give the different uses of the following:

a. An empty match box
b. Brush.

34. Write correct conclusions to the two premises given

Example:

All living things breathe
All insects are living beings
Hence _______ ____________________________
Ans: All insects breathe

Similarly fill up the blank with a proper conclusion.

All vehicles have wheels.
Cycle is also a vehicle
Hence _______ _______ _______

35. Arrange the given words in a meaningful sequence

For example

Water, Cup, Pour Drink
The correct sequence can be
Pour water cup drink
Similarly arrange the following
Bell, Class, Run, Ring
36. Introduce three new words to give a relationship between the given two words.

Example:

Work _______, ________, ________ Fruit

Work Hard

The result is Money

Money gives Food

Fruit is a kind of food

Similarly fill up the blanks.

Students _______ _______ ________ success.

37. A small story is given. Give novel, interesting title to the story. Only when it is novel and reasonable, marks will be given.

A man who newly joined a shop, made an order for 100 dozen gloves considering the winter season. He forgot to indicate 100 dozen pairs of gloves. Therefore there are now 100 dozen left hand gloves in the shop.

What title can be given?

Absent Minded Manickam.

Confuse Master

You give other titles.

38. In this test a new incident which cannot happen ordinarily is given. List the consequences of this incident if it occurs.

Example:

People do not require sleep hereafter.
In case it, is enforced as a law what till happen?

i. More work will be done

ii. Alarm clock is not needed

List other effects

Similarly list the consequences for the following incident. One day, all the cows in the whole world die.

39. In this test, the name of an object is given. List the uses of the object in order. The uses should be different and not the same.

Example: "Brick"

This is used to build house, school, factory, etc.,

All these can be mentioned under one use-to construct buildings.

i. To construct buildings

ii. To clean teeth

iii. To use for fire bed

iv. To hit a mango

v. To make powder and use for decoration

vi. As a paper weight

Write the different uses of "Cotton" or "Match Stick"

40. Write the names of objects which could be included in this group.

Example: "Mineral Salts"

Salts of Calcium, Phosphorous, Sulphur, Sodium, Potassium, etc.

Similarly write the names of objects which could be grouped under "Non conductors of electricity or insulators".
41. Many words are given. Group them in different ways.

Example:

i. Bow  ii. Honeybee  iii. Crocodile  iv. Fish

They are grouped according to their habitat.

i, ii, v, vii - Found in air

iii, iv, vi - Found in water

If they are grouped according to living and non living things.

ii, iii, iv, vii - Living

i, v, vi - Non Living

Similarly in what other way can they be grouped?

Group the following in different ways:

a. Pen  b. Paper  c. Table  d. Pencil
e. Door  f. Book  g. Window

42. One word is given. Give three other words which give the same meaning i.e. synonyms.

For example: Sorrow

Synonyms: Regret, Grief, Sadness

Write three synonyms for the word "Happiness"

43. One sentence is given. Mention the appropriate word in the blank:

Just as Man is for Woman

_______________ is for Cow.

Here Bull is the word to be filled in
Fill up the blank given below in a similar way.

Friday is for Hindus. Similarly __________ is for Christians.

44. Write six features which are common to the two objects given:

For Example: Apple - Orange

1. They are round
2. They are sweet
3. They have seeds.
4. They are fruits
5. They have skin
6. They are found in trees.

Similarly write six common features for the following:

Frog        Fish

45. Four words are given. Make a meaningful sentence using them.

For Example: Study aim first rank

Student should study well and aim at first rank

Make sentence with the following words:

Great, Things, Learn, Nature

46. Construct a story with the given ten words:

Forest - Lion - Food - animals - group - hare - well - seeing - big - destroyed.

47. Many words are given. Give a name as to how the concepts develop.

Example: Mouse - Rat - Pig - Lion - Cow - Horse - Elephant

Mouse is small, Rat is bigger, Pig is bigger than rat; Elephant is biggest, hence we could write, this indicates how animals are compared in size,
Similarly describe the following:
Century - Decade - Year - Month - Week - Day - Hour - Minute - Second.

48. Mention four ways of doing the given activity.

Example:
To give information
Letter can be sent
Telephone message can be given
If the person is near, it can be conveyed orally
Newspaper can be used.
Similarly write four ways of "being healthy - not to get disease".

49. The names of two objects are given.

Give the names of five things which can be made from the two.

Example: Paper - Gum.

Cover, Cap, Lampshade, Crown, Kite

Similarly write for

Long Stick - Short Rope

50. A figure is given:

Write the occupation or the people which can be indicated by the figure.

Give 6 answers:
It can indicate the following:

i. Shop where bulb is sold.

ii. A clever student

iii. Electrical Engineer

iv. One who manufactures lamp

v. One who discovered the electric bulb.

vi. Indicate some more if you can.

Similarly write the answers for the following figure:

51. A group name is given. Mention the objects/members to be included in the group.

Example: Liquid fuels: Kerosene, Alcohol, Spirit.

Write three more names.

Similarly write the objects for the following group. Solids soluble in water.

52. Write any five problems that may arise with the given object.

Example: Candle

i. How to light it?

ii. How to keep it erect?

iii. How long can it burn?

iv. How to put out?

v. How to prevent the molten wax without falling down.
Write five such problems you might face with 'match box'.

53. Five figures are given. From these choose the figure which resembles the first figure:

A

\[
\begin{array}{cccccc}
\text{A} & \text{B} & \text{C} & \text{D} & \text{E} \\
\end{array}
\]

\[
\begin{array}{cccccc}
a & b & c & d & e \\
\end{array}
\]

53 (c)

4. From the given figures, find out the figure which is of the same size as the one given at the centre:

Not shown in the image.
55. Frame as many small words (meaningful) as possible using the letters present in the given word.

Example: Constantinople.

Cot, not, neat, top, coin, pole, etc.

Similarly frame words from the letters of the word Hippopotamus.

56. See whether the figures follow the rules mentioned.

A) Rule: In each step, the closed figures open and open figures close.

Find out which set of figures follow the rule.

1

2

B) Rule: Figures are drawn in such a way that the square becomes round and circle becomes a hexagon.

Which set of figures follow the rule?
57. Find out which two figures can be related to the first figure.

A

Answer ( )

Similarly answer the following:

B

Answer ( )

58. Mention the figure which indicates the angle which is almost equal to the given angle.

A B C D

Find out the answer for the following in the same way.

A B C D
59. In this test one figure is given followed by 3 small figures. From the three small figures, find out the one that is a component of the big figure.

A. Answer: (  )

B. Answer: (  )

60. In this test a definition and four words are given. Choose the word that goes with the definition.

Example: Useful for travelling

a) Tree  b) Boat  c) Lion  d) Dove

The answer is Boat.

Find out the answer for the following in the same way.

This is made by man.

a) Valley  b) Mountain  c) Highways  d) River.

61. In this test two definitions and four words are given. Find out the word which is appropriate for both the definitions.

A. Definition:  i) It does not catch fire.
   ii) It conducts electricity.
a) Wood  b) Impure water  c) Kerosen  d) Tyre

B. Similarly find out the answer for the following:

i) It is a gas
ii) It is a compound

a) Water  b) Oxygen  c) Common salt  d) Carbondioxide

C: 3 62.

In this test 4 objects and two properties are given. Choose the one object which has both properties.

A. Properties: It should be a solid and directly evaporate on heating.

a) Aluminium  b) Camphor  c) Silver  d) Petrol

They are three solids. Which is directly changed to vapour by heat?

B. Find out the answer for the following in the same way.

Properties: It should be round and heavy.

a) Gold  b) Gramophone Record  c) Iron  d) Silver Coin

(  )

63. Choose a word from the given words to give the same relationship as the first pair.

A. Traffic : Signal  River : 

a) Bank  b) Dam  c) Lake  d) Sand Bags
Signal controls traffic. Similarly what controls the river flow?

B. Find out the answer for the following:

Police : Thief  
Doctor : ________

a) Medicine  
b) Cure

c) Patient  
d) Stethoscope ( )

64. Choose a pair from the given to show the same relationship as the given pair.

STOVE : KITCHEN

a) Window : Bedroom
b) Sink : Bathroom
c) Television : Living room
d) Pot : Pan

Just as stove is needed for kitchen, sink is needed for bathroom.

Hence 'b' is the correct answer.

Find out the answer for the following in the same way:

THROW : BALL

a) Kill : Bullet
b) Shoot : Gun
c) Question : Answer
d) Hit : Run

65. In this test two ideas are given followed by four conclusions. Find out one appropriate conclusion.

Example:

No bird is an insect. All sparrows are birds.
a) No sparrow is an insect

b) Some sparrows are not birds

c) All birds are Sparrows

d) No insect is a bird.

Which is correct? ‘a’

Find out the answer for the following in the same way.

No crystal has life. All plants have life.

a) Some plants have life

b) All living things are plants

c) No living thing is a crystal

d) All non-living things are crystals.

Choose an activity appropriate for a social situation from the given activities.

Situation : You have gone with your friends for a picnic.
Your friends want to go for hunting.
You want to catch fish.

a) You should go with your friends for hunting.

b) Let them go for hunting. You go for fishing.

c) You convince your friends to come with you for fishing.

d) Toss a coin to decide what to do?

e) Which is the right thing to do?

‘a’

Find out the suitable activity for the following:

A. Your teacher announces a test for tomorrow. All friends welcome it.
What would you do?
a) Don’t write the test.
b) Encourage your friends not to write the test.
c) Get the test canceled.
d) You should also write the test.

B. All the students wear uniform dress. You don’t come in uniform. You
a) Should wear uniform
b) Ask your friend not to come in uniform
c) Tell the teacher to remove the uniform dress
d) Don’t go to school.
APPENDIX - II

TOOL - III: MANJUVANT'S (1989) SCHOOL ENVIRONMENT/INVENTORY (SEI)

Instructions

Some simple statement pertaining to the events in your school are given. You are requested to go through these statements carefully. After reading, mark your opinions in the answer sheet attached. Three lines are given against each number. Among them the first represents many times, second line sometimes and third line rarely. Mark your opinion by putting tick mark (✓) in one of the three lines.

Example: My teachers insult students.

<table>
<thead>
<tr>
<th>Many Times</th>
<th>Some Times</th>
<th>Rarely</th>
</tr>
</thead>
<tbody>
<tr>
<td>(✓)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

In the example the first line many times is ticked. This means that in that particular school teachers insult the students many times.

If you have any doubt please ask. Answer all the items without leaving any one.

Yours sincerely,

(J.KAUSALYA)
<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Statement</th>
<th>Many Times</th>
<th>Some Times</th>
<th>Rarely</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Students are encouraged by the teachers to read additional books apart from the prescribed books.</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>2.</td>
<td>My teachers do not allow students to do any work before taking permission from them.</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>3.</td>
<td>If any student talks with his friends in the class, my teachers send him out of the class.</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>4.</td>
<td>Teachers encourage the students to understand the basic principles then mere memorizing things.</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>5.</td>
<td>Teachers take us to field trips, excursions etc., which facilitates to learn new things.</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>6.</td>
<td>I discuss freely with my teachers difficult study topics.</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>7.</td>
<td>My teachers do not encourage the students to express new ideas in the class.</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>8.</td>
<td>Audio visual aids like charts, models, exhibits, radio, television, etc., are used while teaching</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>9.</td>
<td>I feel self confident in the company of my classmates</td>
<td>( )</td>
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<td>( )</td>
</tr>
<tr>
<td>10.</td>
<td>My teachers do not encourage the students to write answers on their own.</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>11.</td>
<td>My teachers insist that the students should learn what is taught by teachers alone.</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>Sl. No.</td>
<td>Many Times</td>
<td>Some Times</td>
<td>Rarely</td>
<td></td>
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<td>------------</td>
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</tr>
<tr>
<td>12.</td>
<td>Students are encouraged to develop hobbies such as stamp collection, coin collection, arts and crafts etc.</td>
<td>(   )</td>
<td>(   )</td>
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</tr>
<tr>
<td>13.</td>
<td>Classes are conducted strictly according to the time table.</td>
<td>(   )</td>
<td>(   )</td>
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<tr>
<td>14.</td>
<td>My teachers are prepared to explain difficult matters to the students.</td>
<td>(   )</td>
<td>(   )</td>
<td>(   )</td>
</tr>
<tr>
<td>15.</td>
<td>My teachers get angry if any student says he does not understand what is taught to him.</td>
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</tr>
<tr>
<td>16.</td>
<td>Teachers give physical punishment to the student if they get angry</td>
<td>(   )</td>
<td>(   )</td>
<td>(   )</td>
</tr>
<tr>
<td>17.</td>
<td>Teachers give additional information over and above the prescribed lessons.</td>
<td>(   )</td>
<td>(   )</td>
<td>(   )</td>
</tr>
<tr>
<td>18.</td>
<td>My classmates quarrel with me.</td>
<td>(   )</td>
<td>(   )</td>
<td>(   )</td>
</tr>
<tr>
<td>19.</td>
<td>By using many different methods of teaching my teachers try to make their class interesting</td>
<td>(   )</td>
<td>(   )</td>
<td>(   )</td>
</tr>
<tr>
<td>20.</td>
<td>In my school students are not allowed to play in the ground when school is not working.</td>
<td>(   )</td>
<td>(   )</td>
<td>(   )</td>
</tr>
<tr>
<td>21.</td>
<td>My classmates do not like to play with me</td>
<td>(   )</td>
<td>(   )</td>
<td>(   )</td>
</tr>
<tr>
<td>22.</td>
<td>My classmates co-operate with me in all activities.</td>
<td>(   )</td>
<td>(   )</td>
<td>(   )</td>
</tr>
<tr>
<td>23.</td>
<td>Students are forced to sit in the class during the class hours.</td>
<td>(   )</td>
<td>(   )</td>
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</tr>
<tr>
<td>24.</td>
<td>My teachers insist the students to attend class tests and examinations.</td>
<td>(   )</td>
<td>(   )</td>
<td>(   )</td>
</tr>
<tr>
<td>Sl. No.</td>
<td>Statement</td>
<td>Many Times</td>
<td>Some Times</td>
<td>Rarely</td>
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<td>---------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>25</td>
<td>Our teachers give sufficient time for us to understand well the subject matter taught.</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>26</td>
<td>My classmates are jealous of me.</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>27</td>
<td>I feel happy with my classmates.</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>28</td>
<td>Teachers encourage the students to participate in various competitions</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>29</td>
<td>My teachers do not praise the student who get good marks.</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>30</td>
<td>My teachers while teaching keep in their minds the students' interests</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>31</td>
<td>If teachers ask students to do any work in the presence of others, if students do not like it they can say so.</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>32</td>
<td>If students come late to the class once in a while my teachers do not mind.</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>33</td>
<td>In our class teachers encourage the students to compete with one another to get good marks.</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>34</td>
<td>While teaching my teachers put many questions</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>35</td>
<td>If students ask questions teachers do not get angry</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>36</td>
<td>There are too many rules and regulations in my school which are strictly followed</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>37</td>
<td>My classmates do not move freely with me</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>38</td>
<td>My classmates try to solve my problems</td>
<td>( )</td>
<td>( )</td>
<td>( )</td>
</tr>
<tr>
<td>Sl. No.</td>
<td>Statement</td>
<td>Many Times</td>
<td>Some Times</td>
<td>Rarely</td>
</tr>
<tr>
<td>--------</td>
<td>---------------------------------------------------------------------------</td>
<td>------------</td>
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<td>--------</td>
</tr>
<tr>
<td>39.</td>
<td>To make us understand topics my teachers give examples from everyday life.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>40.</td>
<td>My classmates do not care for me</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>41.</td>
<td>If any student fails to get his home work done my teachers send him out of the class.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>42.</td>
<td>My teachers listen to the problems of the students with patience.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>43.</td>
<td>My teachers get angry if students do not give correct answers to the questions</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>44.</td>
<td>Students can take leave without the prior permission of the teachers.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>45.</td>
<td>Teachers enforce that the students should wear school uniform</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>46.</td>
<td>In my school students are punished if they do not attend the prayer</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>47.</td>
<td>My teachers encourage the students to observe the things keenly and carefully</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>48.</td>
<td>My teachers do not believe us</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>49.</td>
<td>My teachers are very strict</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50.</td>
<td>My classmates tease me.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
TOOL-IV : RATING SCALE FOR STUDENT EVALUATION OF TEACHING

The rating scale for student evaluation of teaching effectiveness consists of 35 teacher characteristics or teaching behaviour which are received by students as important in contributing to effective teaching. Please rate your teacher on each characteristic on five-point scale which forms a continuum with 5 denoting 'Very Good' at the highest and 1 denoting 'Very Poor' at the lowest.

<table>
<thead>
<tr>
<th>Very Poor</th>
<th>Poor</th>
<th>Average</th>
<th>Good</th>
<th>Very Good</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
</tr>
</tbody>
</table>

Please indicate your rating for your teacher on each characteristic, by drawing a circle around the appropriate number among those given against it.

eg. Punctuality 1 2 3 4 5

Circle around '4' as shown above, if you think the punctuality of the teacher is 'Good'.
<p>| | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Giving clear explanations</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>2</td>
<td>Moral integrity</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>3</td>
<td>Providing more matter than in the textbook.</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>4</td>
<td>Capability to clear doubts of students</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>5</td>
<td>Command of language</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>6</td>
<td>Encouraging students consistently in their studies</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>7</td>
<td>Being cheerful in the class</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>8</td>
<td>Concern for each student's understanding of what is being taught.</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>9</td>
<td>Encouraging students to ask questions</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>10</td>
<td>Coming well prepared for the class</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>11</td>
<td>Duty consciousness</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>12</td>
<td>Being kind and courteous to students</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>13</td>
<td>Gearing teaching to the level of students</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>14</td>
<td>Holding the attention of students throughout the class</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>15</td>
<td>Knowledge of the project</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>16</td>
<td>Being interested in the progress of students</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>17</td>
<td>Punctuality</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>18</td>
<td>Making learning important and interesting to students</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>19</td>
<td>Giving useful explanations while returning answer papers and assignments</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
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<td>-------------------------------------------------------------------------------------</td>
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</tr>
<tr>
<td>20.</td>
<td>Willingness to help students even out of class</td>
<td></td>
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</tr>
<tr>
<td>21.</td>
<td>Encouraging discussion in the class</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>22.</td>
<td>Not misunderstanding students when they argue on matters relating to study.</td>
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</tr>
<tr>
<td>23.</td>
<td>Respect for students opinion</td>
<td></td>
<td></td>
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<tr>
<td>24.</td>
<td>Appreciating students as and when deserving</td>
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</tr>
<tr>
<td>25.</td>
<td>Being patient in understanding the thoughts and difficulties of students</td>
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<td></td>
<td></td>
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</tr>
<tr>
<td>26.</td>
<td>Clear and audible voice</td>
<td></td>
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</tr>
<tr>
<td>27.</td>
<td>Encouraging students to think for themselves</td>
<td></td>
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<tr>
<td>28.</td>
<td>Giving interesting illustrations</td>
<td></td>
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</tr>
<tr>
<td>29.</td>
<td>Impartiality</td>
<td></td>
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<tr>
<td>30.</td>
<td>General Knowledge</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>31.</td>
<td>Teaching with enthusiasm</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>32.</td>
<td>Awareness of the lesson of the previous class</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>33.</td>
<td>Reviewing the lesson of the previous class</td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>34.</td>
<td>Having enthusiasm in the subject</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>35.</td>
<td>Emphasizing important points in the lesson</td>
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</tbody>
</table>
APPENDIX - IV

TOOL V : VASANTHI’S (1991) ADAPTATION OF KUPPUSWAMY’S SOCIO ECONOMIC STATUS SCALES

STUDENT BIO-DATA

Name :
Sex :
School :
Class :
Age :

<table>
<thead>
<tr>
<th></th>
<th>Monthly Income</th>
<th>Educational Qualifications</th>
<th>Occupation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Father</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mother</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Any other earning member</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No.of siblings</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No.of dependents</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Dear students,

There are no right or wrong responses so you may feel free to give your true responses. Please do not leave any item unanswered. Your co-operation will be very much appreciated.

Yours sincerely,

J.KAUSALYA
APPENDIX V

LANGUAGE TEST

STD IX

DURATION: 45 MINUTES

MAXIMUM MARKS: 50

I. REWRITE THE FOLLOWING SENTENCES WITH THE CORRECT VOICE FORMS OF THE VERBS GIVEN IN BRACKETS

1. The cow _______ (regard) as a sacred animal by the Hindus.

2. Gandhiji _______ (born) on 2nd October 1869.

3. A thief _______ (arrest) yesterday.

4. Goats _______ (destroy) the garden last evening.

II. REWRITE THE FOLLOWING SENTENCE WITH THE CORRECT TENSE FORM OF THE VERBS GIVEN IN BRACKETS

1. The dog _______ (bark) at strangers.

2. When I _______ (travel) to Delhi, I happened to meet my friend.

3. Just now Kamala _______ (arrive)

4. The bridge _______ (complete) by this time next year.

5. Rooms _______ (clean) once a week.

III. CHANGE INTO INDIRECT SPEECH

1. Kala said to Rani, "Why do you want to learn French"?

2. The teacher said to the boys "What are you doing now"?

3. He said, "I was going to the hospital".
IV. CHANGE INTO DIRECT SPEECH

1. The teacher ordered the boys not to make noise.
2. You asked me yesterday whether I would lend you my atlas.
3. He told him that he was going to the market then.

V. GIVE THE OTHER DEGREES AS STATED IN THE BRACKETS

1. No other epic is so popular as Ramayana (into comparative)
2. Elephant is one of the largest land animals (into positive)
3. Latha is more industrious than any other girl in the class (superlative)
4. The sun is bigger than any other planet (into superlative)
5. The fox is the cleverest of all animals (into positive).

VI. FILL IN THE BLANKS CHOOSING THE SUITABLE PHRASE IN THE LIST

(Took off, Get at, Set in, Called off, Put on)

When rain ______ the match had to be ________. The players______ their uniforms and _________ rain coats. Before they could_______ any shelter they were completely drenched.

VII. REWRITE THE SENTENCES USING THE INFINITIVE FORM OF THE WORDS UNDERLINED

1. My mother taught me how I should prepare tea
2. I don’t know where I am going
3. The desk is so heavy that he cannot lift it.
4. They hope that they will win the match.
5. Vasu likes eating sweets.
VIII. REWRITE THE SENTENCES CHANGING THE WORDS UNDERLINED IN TO A GERUND

1. He hates to go out in the hot sun.
2. To sleep is necessary for good health.
3. He prefers to listen to songs.
4. To help the poor was his motto.
5. To swim in a large ocean is thrilling.

IX. COMBINE THE FOLLOWING PAIRS OF SENTENCES USING THE WORD/PHRASE GIVEN IN BRACKETS

1. There was little rain. The crops have dried up (As)
2. She is not an honest girl. But she behaves like one (as if)
3. I did not know the secret. I did not tell you. (If)
4. You keep quiet. Otherwise you will be punished (Unless)
5. He pulled the chain. The train stopped (After)

X. IDENTIFY THE SENTENCE PATTERNS

1. Learning Sanskrit is difficult
2. The examiner gave him a deserving gift.
3. Latha sings sweetly
4. Nalini is a doctor
5. The postman delivers letters.
XI. COMPLETE THE DIALOGUE

Ravi: I'm going to Bombay tomorrow.

Rajesh: How?

Ravi: I'll stay there for a month.

Rajesh: Train?

Ravi: No, I am going by car.

Rajesh: Who?

Ravi: No one is coming with me.

Rajesh: Hotel?

Ravi: No, I'll stay with my friend.

Rajesh: 

Ravi: He is an officer in the navy.