

MUPPADI TRAINING ACADEMY – VELLORE

SYNONYMS

Directions for the following five items:

In this section, each item consists of a sentence with a word underlined and is followed by four words or groups of words. Select the word or group of words that is most similar in meaning to the underlined word and indicate your response in the Answer sheet accordingly.

16. It is unwise to sever diplomatic relations with a neighbouring country over small matters.
A) Engage
B) Estrange
C) Cut off
D) Twist
17. Bad tendencies are to be Countered by good ones until all that is evil disappears.
A) Opposed
B) Balanced
C) Reduced
D) Bypassed
18. The police fired Indiscriminately at the crowd, killing many innocent women and children.
A) Continuously
B) Without distinguishing
C) Foolishly
D) Rapidly
19. Businessmen who lack acumen cannot be expected to be very successful.
A) Fairness
B) Sharpness
C) Boldness
D) Rightcousness
20. His candid Opinions have won him many friends.
A) Kind
B) Courteous
C) Generous
D) Frank

SENTENCE IMPROVEMENT

Directions for the following 10 items:

In this section, look at the underlined part of each sentence. Below each sentence are given three Possible substitutions for the underlined part. If one of them (a),(b) or (c) is better than the underlined Part, indicate your response on the Answer sheet against the corresponding letter (a),(b) or (c). If none of The substitutions improves the sentence, indicate (d) as your response on the Answer sheet. Thus a 'No Improvement' response will be signified by the letter (d).

21. I disliked him not so much for his meanness but for his dishonesty.
A) As for
B) But because
C) But due to
D) No improvement

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22. He preferred death rather than imprisonment.
A) For
B) To
C) Than
D) No improvement
23. They kept the idea Secretly.
A) Secretive
B) Secret
C) Secretively
D) No improvement
24. He ought not to tell me your secret, but he did.
A) Telling
B) Have told
C) Having told
D) No improvement
25. If I don't know the meaning of a word, I Look it after in the dictionary.
A) Look it out
B) Look it for
C) Look it up
D) No improvement
26. Mr. and Mrs. Rao stay in their home every evening.
A) At home
B) Inside home
C) Within their home
D) No improvement
27. When we saw him last, he ran to catch a bus.
A) Has run
B) Had run
C) Was running
D) No improvement.
28. She cut a sad figure in her first performance on the stage.
A) Made a sorry figure
B) Cut a sorry face
C) Cut a sorry figure
D) No improvement
29. Last evening I went to the optician and bought spectacles.
A) A Spectacle
B) Two Spectacles
C) A pair of Spectacles
D) No improvement
30. I would like to avail a fifteen days' holiday this summer.
A) To avail of
B) To avail myself of
C) To avail myself
D) No improvement

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SPOTTING ERRORS

Directions for the following five items:

Each item in this section has a sentence with three underlined parts labelled (a),(b) and (c). Read each Sentence to find out whether there is any error in any underlined part and indicate your response in the Answer sheet against the corresponding letter i.e.,(a) or (b) or (c). If you find no error, your response Should be indicated as (d).

31. I can fly If I will be a bird No error.
a b c d

32. As soon as the train arrived the passengers entered the compartments. No error.
a b c d

33. Never I have Seen such a town. No error.
a b c d

34. He goes to his office by bicycle everyday No error
a b c d

35. Far from being appreciated, his conduct was discussed and sharply commented No error.
a b c d

COMPREHENSION

Directions for the following six items:

In this section, you have two short passages. Read the passages and answer the items that follow. You are required to select your answers based on the contents of the passage and opinion of the author only.

Passage – 1

We had just passed Tenali, where I roused myself in order to hear the name of the station. As I was falling asleep again, a violent jolt shot me into the arms of somebody in the seat opposite. The engine with one wheel broken was lying across the track and beside it was the luggage van, like wise, derailed. Groaning, Wheezing, gasping, sputtering in its death agony, the engine was like a fallen horse which, snorting, trembling in every limb, its flanks heaving, its chest labouring, seems incapable of making the smallest effort to struggle on on its legs again.

36. The author had roused himself as he wanted to

- | | |
|---------------------------------|-----------------|
| A) Get off | B) Meet someone |
| C) Know the name of the station | D) Keep him |

37. The engine stopped because.

- | | |
|------------------------------|---------------------------------|
| A) The driver had stopped it | B) One of the wheels was broken |
| C) There was a halting place | D) There was no fuel |

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38. The engine is compared to a fallen horse because.

- A) It was groaning like a horse B) It was lying across the track
C) It could make no effort to stand upright D) It had a broken wheel

Passage – 2

I was beginning to tire a little now. I had been cutting steps continuously for two hours, and Tenzing, too, was moving very slowly. As I chipped steps around still another corner, I wondered rather dully just how long we could keep it up. Our original zest had now quite gone and it was turning more into a grim struggle. I then realised that the ridge ahead, instead of still Rongbuk glacier, I looked upwards to see a narrow ridge running up to a snowy summit. A few more whacks of the ice-axe in the firm snow and we stood on top.

39. Which of the following is the most appropriate description of the area in which the narrator had been moving?

- A) A steep rocky slope B) A peak with a flight of steps
C) A high peak covered with snow D) A long ridge

40. 'I had been cutting steps continuously for two hours' suggests that.

- A) The climber was unskilled in the art of making steps.
B) He had to cut the steps out of snow before climbing up which was necessarily a slow process
C) The slowness was caused by the fact that as soon as he cut the steps they were again covered with snow.
D) He had to work suspended from a ledge.

41. 'It was turning more into a grim struggle' would mean.

- A) That after the long exertion he was feeling so weak that any further climbing meant a hard struggle with the forces of nature.
B) That Tenzing was making the task more difficult.
C) That strong cold wind was pushing him down from above and that he had to struggle with the forces of nature.
D) That he was in a mood to give up ultimately.

ORDERING OF WORDS IN A SENTENCE

Directions for the following nine items:

Each of the following items in this section consists of a sentence the parts of which have been jumbled.

These parts have been labelled P, Q, R and S. Given below each sentence are four sequences namely

(a), (b), (C) and (d). You are required to re-arrange the jumbled parts of the sentence and mark your response accordingly.

42. Farm workers spend outdoors most of their time

P Q R S

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49. They should implant in the minds of young children sound principles

P Q R S

The proper sequence should be

- A) P Q R S B) P Q S R
C) R P Q S D) P R Q S

50. When I was a student I learnt swimming at the age of 15 of class X in a government school

P Q R S

The proper sequence should be

- A) P Q R S B) P R Q S
C) Q P R S D) Q S P R

PART - B

51. Which one of the following devices changes low voltage alternating current to high voltage alternating current and vice versa?

- A) Generator B) Motor
C) Transformer D) Vibrator

52. An optical illusion which occurs mainly in deserts during hot summer is based on the principle of

- A) Reflection B) Interference
C) Dispersion D) Total internal reflection

53. At which place Earth's magnetic field becomes horizontal?

- A) Magnetic meridian B) Magnetic equator
C) Geographical pole D) Tropic of cancer.

54. The speed of a car travelling on a straight road is listed below at successive intervals of I s:

Time (s)	0	1	2	3	4
Speed(m/s)	0	2	4	6	8

Which of the following is/are correct?

The car travels

1. With a uniform acceleration of 2m/s^2 .
2. 16 m in 4 s.
3. With an average speed of 4m/s.

Select the correct answer using the code given below:

- A) 1,2 and 3 B) 2 and 3 only
C) 1 and 2 only D) 1 only

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65. Dengue virus causes high fever, rashes and reduces the number of a particular type of blood cells. Those blood cells are
- A) Monocytes
B) Platelets
C) Eosinophils
D) Neutrophils
66. Kidney secretes an enzyme, which changes plasma protein angiotensinogen into angiotensin. The enzyme is
- A) Renin
B) Nitrogenase
C) Hydrolase
D) Mono-oxygenase
67. Red blood cells (RBCs) have
- A) No nucleus, no mitochondria and no endoplasmic reticulum.
B) Nucleus, mitochondria and endo-plasmic reticulum.
C) Nucleus, mitochondria but no endo-plasmic reticulum.
D) No mitochondria but endoplasmic reticulum is present.
68. According to the Census 2011, the density of population in which one among the following states is the lowest?
- A) Sikkim
B) Nagaland
C) Manipur
D) Mizoram
69. Headquarters of the world Meteorological organization is located in.
- A) Washington
B) Geneva
C) Moscow
D) London
70. Match List I with List II and select the correct answer using the code given below the Lists:
- | List I
(Industry) | List II
(Place) |
|----------------------|--------------------|
| a) Petrochemical | 1. Coimbatore |
| b) Aircraft | 2. Pinjore |
| c) Machine tools | 3. Bengaluru |
| d) Cotton textiles | 4. Bongaigaon |

Code:

	a	b	c	d
A)	4	3	2	1
B)	4	2	3	1
C)	1	2	3	4
D)	1	3	2	4

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78. Surge pricing takes place when a service provider.
- A) Raises the price of its product or service as demand outstrips supply.
 - B) Follows preset prices immune to demand and supply dynamics.
 - C) Fixes a minimum price for its services
 - D) Fixes an average price on the basis of transactions carried over a day.
79. By fulfilling which of the following conditions can a political party claim the status of a national party?
- 1. It secures at least six per cent (6%) of the valid votes polled in any four or more states, at a general election to the House of the people or, to the state Legislative Assembly.
 - 2. It wins at least four seats in the House of the people from any state or states or wins at least two percent (2%) seats in the House of the people (i.e., 11 seats in the existing House having 543 members), and these members are elected from at least three different states.
 - 3. The party in question has got recognition as a state party in at least two states.
 - 4. It must have its headquarters in New Delhi.
- Select the correct answer using the code given below:
- A) 1, 2 and 3
 - B) 2 and 4
 - C) 1 and 2 only
 - D) 1, 3 and 4
80. In its emphasis on enhancing human capabilities, which one among the following does NOT figure in the Twelfth Five – year plan?
- A) Life and longevity
 - B) Education
 - C) Delivery of public service
 - D) Skill development
81. Which one of the following is NOT a target of the 12th Five-year plan?
- A) Real GDP Growth Rate of 8 per cent
 - B) Agriculture Growth Rate of 5 percent
 - C) Manufacturing Growth Rate of 10 per cent.
 - D) Increase in Green cover by 1 million hectare every year during the plan period.
82. Which one of the following statements is NOT correct?
- A) In the conduction mode of transference of heat, the molecules of solid pass heat from one molecule to another without moving from their positions.
 - B) The amount of heat required to raise the temperature of a substance is called its specific heat capacity.
 - C) The process of heat transfer in liquids and gases is through convection mode.
 - D) The process of heat transfer from a body at higher temperature to a body at lower temperature without heating the space between them is known as radiation.

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88. Which one of the following statements is correct about the magnification of an optical microscope?

- A) Magnification increases with the increase in focal length of eyepiece.
- B) Magnification increases with the increase in focal length of objective.
- C) Magnification does not depend upon the focal length of eyepiece.
- D) Magnification decreases with the increase in focal length of eyepiece.

89. A homogeneous mixture contains two liquids. How are they separated?

- A) By filtration
- B) By evaporation
- C) By distillation
- D) By Condensation

90. Which one of the following elements forms highest number of compounds?

- A) Oxygen
- B) Hydrogen
- C) Chlorine
- D) Carbon

91. Which one of the following elements corrodes rapidly?

- A) Aluminium
- B) Iron
- C) Zinc
- D) Silver

92. 20g of common salt is dissolved in 180 g of water. What is the mass percentage of the salt in the solution?

- A) 5%
- B) 9%
- C) 10%
- D) 15%

93. The Valency of an element depends upon the

- A) Total number of protons in an atoms
- B) Mass number of an atom
- C) Total number of neutrons in an atoms
- D) Total number of electrons in the outer most shell of an atom.

94. Match List I with List II and select the correct answer using the code given below the lists:

- List I
(Nobel gas)
- a) Argon
 - b) Neon
 - c) Krypton
 - d) Xenon

- List II
(Use)
- 1. In lights for advertising display.
 - 2. Airport landing lights and in light houses
 - 3. Light in photographer's flash gun.
 - 4. In tungsten filament to last longer.

Code:

- | | | | | |
|----|---|---|---|---|
| | a | b | c | d |
| A) | 3 | 1 | 2 | 4 |
| B) | 3 | 2 | 1 | 4 |

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- C) 4 2 1 3
D) 4 1 2 3

95. Colours vision in human eyes is the function of photoreceptor cells named.

- A) Rods
B) Cones
C) Blind spot
D) Fovea

96. Which one of the following statements is NOT correct?

- A) All proteins are enzymes
B) Mostly enzymes are proteins
C) All fats are energy rich compounds
D) Glucose is a common carbohydrate.

97. Sugarcane is one of the important cash crops in India. It is grown to obtain.

- A) Starch
B) Glucose
C) Fructose
D) Sucrose

98. The colourful part of the sunflower or Marigold plant is.

- A) Flower
B) Inflorescence
C) Fruit
D) Seed

99. Match list I with List II and select the correct answer using the code given below the Lists:

- | List I
(Mineral) | List II
(Leading State) |
|---------------------|----------------------------|
| a) Manganese | 1. Uttarakhand |
| b) Gypsum | 2. Karnataka |
| c) Limestone | 3. Rajasthan |
| d) Magnesite | 4. Odisha |

Code:

- | | a | b | c | d |
|----|---|---|---|---|
| A) | 1 | 3 | 2 | 4 |
| B) | 1 | 2 | 3 | 4 |
| C) | 4 | 2 | 3 | 1 |
| D) | 4 | 3 | 2 | 1 |

100. Which one among the following is the correct order of tiger reserves situated from North to south in India?

- A) Corbett – Simlipal – Sariska – Periyar
B) Periyar – Sariska – Simlipal – Corbett
C) Corbett – Sariska – Simlipal – Periyar
D) Periyar – Simlipal – Sariska – Corbett.

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Code:

	a	b	c	d
A)	4	1	3	2
B)	4	3	1	2
C)	2	3	1	4
D)	2	1	3	4

113. Which one of the following was NOT a cause of the Revolt of 1857?

- A) The rumour that the British had mixed the bone dust of cows and pigs into the flour being sold in the market.
- B) The prophecy that British rule would come to an end on the centenary of the Battle of Plassey on 23rd June, 1857.
- C) Popular discontent with British rule.
- D) The prophecy that the end of British rule would lead to the end of the Kali Yuga and the return of Ram Rajya.

114. Which one of the following was NOT a feature of the subsidiary Alliance of Lord Wellesley?

- A) The British were responsible for protecting the ally from any external threats.
- B) All internal threats were to be handled by the ally alone, with no help from the British.
- C) The ally was to provide resources for maintaining a British armed contingent stationed in its territory.
- D) The ally could not enter into any agreement with other rulers without the permission of the British.

115. Match List I with List II and select the correct answer using the code given below the Lists:

List I (Place)	List II (Mineral)
a) Lakwa	1. Copper
b) Malanjhand	2. Petroleum
c) Kalakot	3. Zinc
d) Zawar	4. Coal

Code:

	a	b	c	d
A)	3	4	1	2
B)	3	1	4	2
C)	2	1	4	3
D)	2	4	1	3

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123. Which one of the following statements is true for the relation $F = \frac{Gm_1m_2}{r^2} = ?$

(All symbols have their usual meanings)

- A) The quantity G depends on the local value of g, acceleration due to gravity.
- B) The quantity G is greatest at the surface of the Earth.
- C) The quantity G is used only when earth is one of the two masses.
- D) The quantity G is a universal constant.

124. Why is it difficult to measure the coefficient of expansion of a liquid than solid?

- A) Liquids tend to evaporate at all temperatures.
- B) Liquids conduct more heat.
- C) Liquids expand too much when heated
- D) Their containers also expand when heated.

125. Radon is

- A) An inert gas
- B) An artificial fibre
- C) An explosive
- D) A metal

126. The chemical name of baking soda is

- A) Na_2CO_3
- B) NaHCO_3
- C) CaCO_3
- D) NaOH

127. Which one of the following elements is used in pencil – lead?

- A) Zinc
- B) Lead
- C) Carbon (Graphite)
- D) Tin

128. Who among the following is one of the authors of the book “Philosophy of the Bomb”?

- A) Bhagat singh
- B) Jawaharlal Nehru
- C) Surya sen
- D) Yashpal

129. Which of the following statements about the chittagong group is NOT correct?

- A) Its membership included a large number of youth including Ganesh Ghosh, Lokenath Baul and Anant Singh.
- B) Its Leader surya Sen had been a lawyer in Dhaka before joining the group.
- C) Surya Sen and his group were closely associated with congress work in chittagong.
- D) This group had prepared an action plan to occupy the armouries in chittagong.

130. Which one of the following was a significant feature of the Quit India Movement?

- A) Women did not play an important role in the movement.
- B) Nasik in Maharashtra was an important regional base during the movement.
- C) It was marked by anti-zamindar violence.

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- D) It was marked by the emergence of parallel governments in different parts of India.
131. Which one of the following characteristics does NOT describe the Khilafat movement?
- A) Mahatma Gandhi sought to link it to the Non- Cooperation movement.
 - B) It was not supported by the congress.
 - C) It demanded that the Turkish Sultan must retain control over Muslim sacred spaces in the erstwhile Ottoman empire.
 - D) It was led by muhammad Ali and Shaukat Ali.
132. Which one of the following was NOT a feature of railways in colonial India?
- A) The main purpose of the setting up of railways in India was to serve the interest of the empire.
 - B) British capital investments were invited with 15% guaranteed interest to be paid if necessary from Indian revenues.
 - C) The construction work disturbed ecology.
 - D) The construction of the railways was planned in such a way that it connected the internal markets with the ports, but provided no inter connection between internal market cities.
133. Which colonial administrator made the following declaration about the partition of Bengal in 1904? “ Bengal united is a power. Bengal divided will pull in different ways. That is perfectly true and one of the merits of the scheme”.
- A) Lord Curzon
 - B) H.H. Risley
 - C) Lord minto
 - D) Sir Lancelot Hare
134. Who launched the Bardoli satyagraha on 4th February, 1928?
- A) Mahatma Gandhi
 - B) Vallabhbhai patel
 - C) Rajendra prasad
 - D) Kalyanji mehta
135. Which one of the following Princely states did NOT support the Congress during the course of the Civil Disobedience Movement?
- A) Bhavnagar
 - B) Mysore
 - C) Junagadh
 - D) Kathiawar.
136. Which one of the following is a feature of thought and philosophy of the kandukuri viresalingam?
- A) He believed that science and morality were unconnected to truth.
 - B) He believed in universal education.
 - C) He believed that lanugage had no role in inclucating morality in students.
 - D) He did not attempt to build a national consciousness on a cultural base.

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141. Which one of the following pairs of Tribe and state is NOT correctly matched?

- A) Tharu : Madhya pradesh
- B) Adi : Arunachal pradesh
- C) Irula : Kerala
- D) Shaharia : Rajasthan.

142. If the absolute refractive indices of glass and water $\frac{3}{2}$ and $\frac{4}{3}$ respectively, What will be the ratio of velocity of light in glass and water?

- A) 3:4
- B) 4:3
- C) 8:7
- D) 8:9

143. A positive charge $+q$ is placed at the centre of a hollow metallic sphere of inner radius a and outer radius b . The electric field at a distance r from the centre is denoted by E . In this regard, which one of the following statements is correct?

- A) $E = 0$ for $a < r < b$
- B) $E = 0$ for $r < a$
- C) $E = \frac{q}{4\pi\epsilon_0 r}$ for $a < r < b$
- D) $E = \frac{q}{4\pi\epsilon_0 a}$ for $r < a$

144. Consider the following Indian states:

- 1. Bihar
- 2. Rajasthan
- 3. Jammu and Kashmir
- 4. Haryana

Which one of the following is the correct ascending order of the above states on the basis of percentage of state's population to total population of India (based on census 2011)?

- A) 3 – 4 – 1 – 2
- B) 4 – 2 – 1 – 3
- C) 3 – 4 – 2 – 1
- D) 2 – 3 – 4 – 1

145. Who among the following was the author of the Badshah Nama?

- A) Abdul Hamid Lahori
- B) Abul Fazl
- C) Shah Jahan
- D) Sadullah khan

146. Which one of the following statements about Fatehpur sikri is NOT correct?

- A) It was located on the direct road to Ajmer.
- B) Akbar commissioned the building of a marble tomb for shcikh salim chisti next to the Friday mosque at Fatehpur sikri.
- C) The arched gateway or Bulund Darwaza was meant to remind visitors of the mughal victory in Gujarat.
- D) In 1585, the capital of the Mughal emperor shifted from fatehpur sikri to Delhi.

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147. Which one of the following cities hosted the 3rd world Trauma congress recently?

- A) New Delhi
- B) Dacca
- C) Singapore
- D) Bangkok

148. Which one of the following is NOT one of the objectives of Act East policy?

- A) To promote economic cooperation, cultural ties and develop strategic relationship with countries in the Asia Pacific region.
- B) To promote peace and amity with the neighbouring countries of Asia.
- C) To place emphasis on India ASEAN cooperation in India's domestic agenda.
- D) To provide enhanced connectivity to the North East of India.

149. Arrange the following countries in ascending order on the basis of the total medals earned by them in Rio Olympic 2016:

1. United states 2. China 3. Great Britain 4. Russia

Select the correct answer using the code given below:

- A) 1 2 3 4
- B) 1 3 2 4
- C) 4 3 2 1
- D) 4 3 1 2

150. Which one of the following is NOT an objective of the National Civil Aviation policy 2016?

- A) Establish an integrated eco-system which will lead to significant growth of civil aviation sector.
- B) To promote tourism , increase employment and lead to a balanced regional growth.
- C) Ensure safety, Security and sustainability of all sectors through the use of technology.
- D) Enhance regional connectivity through fiscal support and infrastructure development.