

**Chintamanrao Deshmukh Institute of Administrative Careers**  
**Aptitude Test - 1**

Duration: 120 Minutes

Total Marks: 200

**NOTE: All questions are compulsory**

**All questions carry two marks each**

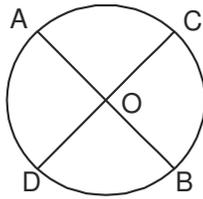
**For each mistake 0.33% marks will be deducted**

1. The land is acquired under Land Acquisition Act of 1894. The law provides for reasonable compensation to be paid to the land holder. The present system of payment of compensation is being criticized widely. What is the best alternative.
  - a. Provision of equity participation in the proposed project being set up on the acquired land
  - b. Provision of land leasing designed to keep revenue accruing to the affected person for a long period rather than to make only a one time compensation and dislocation
  - c. Enactment of a new law which provides for people's sustainable rehabilitation
  - d. Allowing a percentage of benefit to the development of the area and to the individuals who has been displaced

In each of the following sentences a blank has been given which can be filled correctly by one of the four alternatives given under it. That is your answer.

2. It \_\_\_\_\_ to me that she was incurable.
  - a. suggested
  - b. flashed
  - c. happened
  - d. occurred
3. The controversy is likely to \_\_\_\_\_ bad blood between the two communities.
  - a. involve
  - b. improve
  - c. infuse
  - d. create
4. I became alert because I \_\_\_\_\_ trouble around me.
  - a. comprehended
  - b. sensed
  - c. transcended
  - d. saw
5. The police had to be called to control a \_\_\_\_\_ between two political groups.
  - a. brawl
  - b. confusion
  - c. riot
  - d. disturbance
6. He is in the habit of \_\_\_\_\_ -his head whenever anything goes wrong.
  - a. hiding
  - b. losing
  - c. protecting
  - d. loosing
7. I am feeling \_\_\_\_\_ better today.
  - a. too
  - b. rather
  - c. very
  - d. fairly
8. The driver suddenly applied the brakes when he saw a \_\_\_\_\_ truck ahead of him.
  - a. static
  - b. solitary
  - c. stationary
  - d. immobile

9. AB and CD are the diameters of a circle with centre O. Then which of the following statement is true



- a. Chord AC = Chord BC
- b. Chord BC = Chord BD
- c. Chord AC = Chord AD
- d. Chord AD = Chord BC

10. CAPTAIN: SHOAL: :

a. Lawyer: Litigation    b. Pilot: Radar    c. Doctor: Hospital    d. Doctor: Ambush

11. Conflict is.....and a normal part of any human relationship

a. Healthy    b. Devastating    c. Agonizing    d. Permanent

White cement is the basic raw material for producing cement tiles and cement paint which are used extensively in building construction. The main consumers of white cement are, therefore cement tile and cement paint manufacturing units. These consumers, mostly in small scale sector, are today facing a major crisis because of the significant increase in the price of white cement during a short period of time. The present licensed annual production capacity of white and gray cement in the country is about 3.5 lakhs tonnes. The average demand is 2 to 2.5 tonnes. This means that there is idle capacity of one lakh tone or more. The price rise is therefore not a phenomenon arising out of inadequate production capacity, but evidently because of artificial scarcity created by the manufacturers in their self-interest. The main reason for continuing spurt in cement prices is its decontrol. There is stiff competition in cement paint and tile manufacturing business. Any further price revision at this stage is bound to have a severe adverse impact on the market conditions. The Government should take adequate steps to ensure that suitable controls are brought in. Else it should allow import of cement.

12. Why is price of cement going up?

a. Because the Government is controlling the quota  
b. Because of export of white cement  
c. Because of the large usage of white cement  
d. none of the above

13. Which of the following words have same meaning as the word 'idle' as used in the passage?

a. Lazy    b. Clumsy.    c. Large.    d. Excess

14. Which of the following words has opposing meaning as the word 'basic' used in the passage.

a. Vital    b. Unimportant    c. Acidic    d. Last

15. Which of the following words has the same meaning as the word 'artificial' used in the passage?

a Unnatural      b. Prolonged      c. Practical      d. Deliberate

16. Which of the following statements is false according to the passage?  
a Price rise in white cement would increase the price of cement paint  
b White cement is a controlled product  
c Increase in price of white cement is not because of production problems  
d Price rise in white cement would affect cement tile business
17. What is the crisis being faced by the cement tile manufacturers as described in the passage?  
a White cement is priced very low      b White cement usage is very high  
c White cement is not of good quality      d White cement prices are very high
18. Which of the following is correct according to the passage?  
a White cement is not used in the manufacturing of paint  
b White cement forms a minor part of tile manufacturing  
c White cement is very important for tile manufacturing  
d None of the above
19. What is the suggestion in the passage to bring down the prices?  
a Government should control white cement market  
b Production capacity should be increased  
c Usage of white cement in other areas should be reduced  
d None of the above
20. Which of the following is correct according to the passage?  
a Cement production capacity is more than the usage  
b Cement production capacity is less than usage.  
c Cement production capacity is equal to the usage  
d None of the above
21. What can be presumed from the passage about foreign trade in cement?  
a The country is exporting cement at present  
b The country is importing cement at present  
c The country is exporting and importing cement at present  
d The country is neither exporting nor importing cement at present

In each of the following questions, find out which part of the sentence has an error. The error may be grammatical or idiomatic. If there is no mistake, the answer is "no error"

22. a. No sooner did I open the door      b. when the rain, heavy and stormy, rushed in  
c making us shiver from head to foot      d. No error
23. a. Be smart      b not only in dress      c. and also in action      d. no error.
24. a. Hardly had I reached the airport      b. where I learnt  
c. about the powerful bomb explosion      d. no error.

25. a. It is not            b. such a good book    c. that I expected            d. no error
26. a. The downfall of this kind            b. is to be attributed to  
c. nothing else than pride            d. no error.
27. a. Unless he does not return            b. all the library books  
c. he will not be            d. relieved from the services.  
d. no error(e)
28. a. You must either tell me            b. the whole story or, at least,  
c. the first half of it.            d. no error
29. a. The old woman has had the best medical facilities available  
b. but she will not be cured  
c. unless she does not have a strong desire to live  
d. no error
30. a. My book has been            b. missing from my room  
c. till yesterday            d. no error
31. a. The manager of the bank was busy            b. so he asked them to come and  
c. see him between two to three in the afternoon            d. no error
32.  $\frac{(3y+2)}{(4y+1)} = \frac{6y+1}{8y-3} \therefore y = \dots\dots\dots$   
a.  $\frac{1}{3}$             b.  $\frac{-1}{3}$             c.  $\frac{1}{7}$             d.  $\frac{-1}{7}$
33. The 228<sup>th</sup> term of the series a,b,b,c,c,c,d,d,d,d,e,e,e,e,f,f,f,f,f... is  
1.. u            2.. v,            3.. w,            4.. x
34. In how many ways can five different toys be packed in three identical boxes such that no box is empty.; if any any of the boxes hold all of the toys?  
a. 20.            b. 30.            c. 25            d. 65
35. A fish bone diagram commonly used as a management tool, is useful for...\  
a. Leadership    b. Motivation            c. Problem solving    d. Decision making
35. Amit enters into an agreement with Vinit that if he pays Amit amount of Rs.500 per annum and Vinit's house is devastated with fire within one year of entering into the agreement Amit shall make good the losses suffered by Vinit.  
Choose the most appropriate decision from the following

- a. The agreement entered into by Amit and Vinit is a wagering agreement and even if Vinit's house is devastated by fire, he cannot claim price of the house from Amit
- b. The agreement entered into between Amit and Vinit is a valid contract and can be enforced if Vinit's house is devastated by fire within one year signing the agreement
- c. Amit and Vinit are betting and hence this agreement is not valid
- d. None of the above

36.  $X^2 + 3\sqrt{2}x + 4 = \dots\dots\dots$

- a.  $(X + \sqrt{2})(X + 3\sqrt{2})$
- b.  $(X + 2\sqrt{2})(X + \sqrt{2})$
- c.  $(X + 4\sqrt{2})(X - 3\sqrt{2})$
- d. cannot be determined

In each of the following questions, a part of sentence is underlined. Below each sentence some alternatives are given which can substitute the underlined part. Find out the choice which can correctly substitute that part of the sentence. If the sentence is correct as it is, give “no improvement” or “no correction required” as your answer.

- 37. I earnestly believe that you will visit our relatives during your forthcoming trip to Mumbai.
  - a. certainly believing that could not believe
  - b. had hardly believe
  - c. no correction
- 38. The accused was ordered to be hung to death.
  - a. hung till death
  - b. hanged to death
  - c. hanged till death
  - d. no correction
- 39. It is sheer folly to believe that you can improve the situation by doing away people.
  - a. doing it to
  - b. doing away with it
  - c. doing with
  - d. no correction
- 40.. Would you mind help me with these questions?
  - a. to help
  - b. of helping
  - c. helping
  - d. no correction
- 41.. In fact, if it hadn't been for his invaluable advice on so many occasions I wouldn't have achieved anything in life.
  - a. remarkable advice
  - b. valuable
  - c. priceless suggestions
  - d. no correction
- 42. He hesitated to accept the post as he did not think that the salary was enough for him to sustain his family.
  - a. accepting
  - b. to accepting
  - c. in accepting
  - d. while accepting
- 43. By temperament the English are reserved, so they prefer to live in solitary houses.
  - a. English
  - b. English people
  - c. some English
  - d. no correction

44. My father agreed with my going alone for the examination.  
 a. I go alone    b. to my going alone    c. that I go alone    d. no correction
45. As they met again at 9 pm he said “good night , very pleased to see you again”.  
 a. good day    b. good evening    c. good bye    d. no correction
46. The question is , how was the motive of the robber in this particular case?  
 a. what was    b. where was    c. when was    d who was

A, B, C, D, E, F, G and H are sitting around a circle facing the centre. B is second to the right of D who is third to the right of F. C is second to the left of A who is second to the left of F. G is third to the right of E

47. In which of the following combinations is the first person sitting between second and the third person?  
 a. FGH    b. EFH    c. ABE    d. None of these.
48. Who is third to the right of H?  
 a. G    b. D    c. C    d. None of these
49. Who is sitting to the immediate right of A  
 a. B    b. E    c. F    d. None of these
50. What is H's position with respect to B?  
 a. Fifth to the right    b. Third to the left  
 c. Fourth to the left    d. Fifth to the left
51. Who is sitting to the immediate left of G?  
 a. H    b. F    c. D.    d. None of these

**PERCENTAGE CHANGE IN MONTHLY VALUU  
 OF INVENTORY AT SIX BUSINESSES FROM APRIL TO JUNE**

BUSINESS	PERVENTAGE CHANGE FOM APRIL TO MAY	PERCENTAGE CHANGE FROM MAY TO JUNE
G	+6	+8
K	+5	--5
M	+2	+12
R	++8	--5
V	+14	0
Z	+2	--10

\*Inventory values are determined at the end of each month

52. If the value of inventory at Business K was Rs. 30,000for April, what was the value of inventory at Business K for June?

- a. Rs. 22,500      b. Rs.29,925      c. Rs. 30,000      d. Rs. 33,000

53. If the value of inventory at Business V was Rs. 40,000 for April, what was the value of inventory at Business V for June?

- a. Rs. 45, 250      b. Rs. 44,600      c. Rs. 43, 250      d. Rs. 45, 600

54. At Business M the value of inventory for May what was the percentage of the value of inventory for June approximately?

- a. 89.3      b. 79.4      c. 50      d. 12.5

55. For which of the six businesses shown was the percent change in value of inventory from April to June greater?

- a. G      b.K      c.M      d. R

56. For which of the six Businesses shown was the percent change in value of inventory from April to June less?

- a. Z      b. G      c. K      d. M

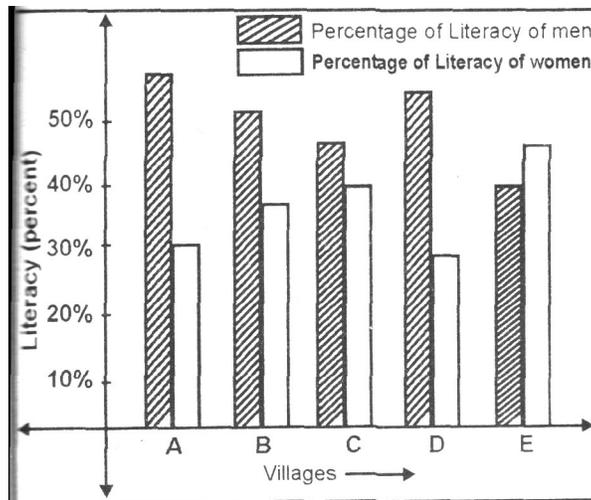
57. Outer radius of a plastic pipe is 'R' and inner radius is 'r'. If the length of the pipe is 1m. Then volume of plastic used for this pipe is

- a.  $100\pi (R^2 - r^2)$       b.  $\pi (R^2 - r^2)$   
 c.  $100\pi R^2$       d.  $100\pi^2$

58.  $\left(\frac{3}{4}\right)^5 \times \left(\frac{4}{3}\right)^{-5} = \dots\dots\dots$

- a. 1      b. 0      c.  $\left(\frac{3}{4}\right)^{10}$       d.  $\left(\frac{4}{3}\right)^{10}$

59. Observe the following joint bar graph. Identify the correct option from the options given below



1. The average literacy of men is above 50%
  2. In each village the literacy in men is more than that of women
  3. The average literacy of women is above 40%
  4. The literacy of women is maximum in village E
60. The Human Resource Department had forwarded a proposal for setting up an Engineering College at a particular place. Which of the following is critical for decision making?
- a. The cost aspect
  - b. Location of college
  - c. Availability of resource persons
  - d. Need for the college at the place
61. Certain transfers of the employees have to be made in terms of guidelines and interest of the company. What would be the criteria for deciding on such transfers?
- a. Sub serving interest of the company
  - b. Fair, just and transparent
  - c. Based on their choice and preference
  - d. Ensuring minimum dislocation and hardships.
62. Which one of the following is not a polynomial?
- a.  $\sqrt{3}x^3 + 2x^2$
  - b.  $5m^3 - 3m$
  - c.  $q^2 + \frac{2}{q}$
  - d.  $\frac{5}{2}b + \sqrt{2b}$

In each of the questions below are given four statements followed but three conclusions numbered I, II and III You have to take a given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follow from the given statements disregarding commonly known facts

63. STATEMENTS :
- Some villages are towns
  - Some towns are huts
  - All huts are rivers
  - Some rivers are oceans

CONCLUSIONS :

- I Some oceans are towns
- II Some rivers are towns
- III Some huts are villages

- a. .None follows
  - b. Only I follows
  - c. Only II follows
  - d. Only III follows
64. STATEMENTS :
- All hotels are buses
  - Some buses are cars
  - All cars are trams
  - Some trams are boats

CONCLUSIONS : I Some trams are buses  
II Some trams are hotels  
III Some boats are cars

a. None follows b. Only I follows c. Only II follows d. Only III follows

65. STATEMENTS : All flowers are books  
All books are carpets  
Some carpets are keys  
Some keys are small

CONCLUSIONS I Some keys are books  
II Some keys are flowers  
III Some small are books

a. Only I follows b. Only II follows c. Only III follows d. None follows

66. STATEMENTS : All bowls are cups  
All chairs are cups  
All cups are mirrors  
All tables are mirrors

CONCLUSIONS : I Some tables are chairs  
II Some mirrors are bowls  
III Some mirrors are chairs

a. Only II follows b. Only I and II follows c. Only II follows d. Only III follows

67. STATEMENTS : Some pins are needles  
All needles are ropes  
Some ropes are buckets  
All buckets are bushes

CONCLUSIONS I Some buckets are pins  
II Some ropes are pins  
III No bucket is pin

a. Only either I or III b. Only either I or III and two follows  
c. Only II follows d.. None of these

In each of the following questions , choose the word which can be substituted for the given phrases/sentences.

68. A man who has not been married.

a. solitary b. widower c. bachelor d. spinster

69. Sometimes that cures any evil or trouble.  
 a. panacea      b. manna      c. potion      d. elixer
70. Person who doubts the truth of a particular claim.  
 a. nihilist      b. cynic      c. skeptic      d. pugnacious
71. One who knows many arts and sciences.  
 a.. knowledgeable      b. plagiarist      c. polymath      d. sophist
72. Continuing fight between parties, families, clans etc.  
 a. enmity      b. feud      c. quarrel      d. skirmish
73. One who breaks into the house at night in order to steal.  
 a. dacoit      b. thief      c burglar      d. pilferer
74. Remarks which have no order or connection.  
 a. incognito      b. irrelevant      c. coherent      d. puissant
75. Not to the point.  
 a. exaggerated      b. incorrect      c inadequate      d. irrelevant
76. A man devoid of kindly feeling and sympathy.  
 a. callous      b. cruel      c. brute      d. egoist
77. One who is easily led.  
 a. tenable      b. usurious      c. tractable      d. subservient

Each question below consists of a word or a phrase which is underlined in the sentence given. Select the word or phrase which is closet to the opposite in meaning of the underlined word.

78. Ashish has an innate sense of humor.  
 a. natural      b. inborn      c. usual      d. acquired
79. He couldn't confirm that he had made any such statement.  
 a. reject      b. avoid      c. deny      d. refuse
80. Rajesh rustic behavior astonished the teacher.  
 a. impolite      b. genuine      c. sophisticated      d. awkward
81. This piece of land is the most fertile and yields a good harvest each year.  
 a. startling      b. sterile      c. worthless      d. futile
82. Always be impartial in your dealings.  
 a. discourteous      b. impudent      c. disrespectful      d. unfair



91. Classical mechanics means
- a. has gained intellectual control over the world.
  - b. just falls short of achieving intellectual control over experience.
  - c. has formulated precise rules.
  - d. has formulated an exact theory of the universe.

Look at the underlined part of each sentence. Below each sentence are given some possible substitutions for underlined part. Select the suitable option for the underlined word. If no improvement is required mark as “no correction required”.

92. Last evening I went to the optician and bought spectacles.
- a. a spectacles
  - b. two spectacles
  - c. a pair of spectacles
  - d. no improvement required
93. The train left before we reached the station.
- a. had left
  - b. would have left
  - c. has had left
  - d. no improvement
944. The teacher was angry with Hemant as he had not done the homework.
- a. on
  - b. from
  - c. at
  - d. no improvement
95. Education is a strong instrument for moldings the character of the young.
- a. striking
  - b. powerful
  - c. potent
  - d. no improvement
96. My opinion for the film is that it will bag the national award.
- a. on
  - b. to
  - c. about
  - d. no improvement
97. One of the men gave first aid to Hemant who is injured in a road accident.
- a. who had injured
  - b. who was injured
  - c. which was injured
  - d. no improvement
98. In the party she spoke to me very friendly.
- a. in very friendly manner
  - b. with very friendly manner
  - c. in a very friendly manner
  - d. no improvement
99. Mrs. Johnson had staying here since 1954 and made has made India her home.
- a. will stay
  - b. was to stay
  - c. has been staying
  - d. no improvement
100. Columbus invented America.
- a. searched
  - b. traced
  - c. discovered
  - d. no improvement

**C D Deshmukh Institute of Administrative Careers**

**APTITUDE TEST – 1**

**ANSWER KEY**

	1	2	3	4	5	6	7	8	9	10
1-10	b	d	d	b	d	b	d	c	d	b
11-20	a	d	d	b	d	b	d	c	a	a
21-30	d	b	d	b	c	b	b	c	c	b
31-40	c	d	c	d	b	b	a	c	c	b
41-50	c	a	b	d	a	a	a	b	c	d
51-60	d	c	c	b	d	a	a	c	a	c
61-70	c	b	c	b	d	a	c	d	c	c
71-80	b	d	c	b	a	d	c	c	b	c
81-90	b	c	a	d	b	c	b	c	c	c
91-100	c	c	d	a	a	c	d	a	b	b