

Postal Assistants Model Paper

Part - A: General Knowledge

- 1. Who was the first Indian to be a fellow of the Royal Society of London?**
 - 1) Srinivas Rajan
 - 2) A.C. Wadia
 - 3) C.V.Raman
 - 4) P.C.Mahalnobis
- 2. The subject matter of Ajanta paintings pertains to-**
 - 1) Jainism
 - 2) Buddhism
 - 3) Vaishnavism
 - 4) Shaivism
- 3. Which organ of the body never rests?**
 - 1) Muscles
 - 2) Nerves
 - 3) Tongue
 - 4) Heart
- 4. Where does the most of the weather phenomena take place?**
 - 1) Ionosphere
 - 2) Troposphere
 - 3) Stratosphere
 - 4) Tropopause
- 5. Which of the following mountain ranges in India are the oldest?**
 - 1) Himalayas
 - 2) Vindhya
 - 3) Aaravali
 - 4) Sahyadri
- 6. What apparatus is used to locate a submerged object?**
 - 1) Radar
 - 2) Sonar
 - 3) Quasar
 - 4) Pulsar
- 7. Which TV Channel Broadcasts the programme "Gyan Darshan"?**
 - 1) Zee
 - 2) Sony
 - 3) Doordarshan
 - 4) Star
- 8. The presence of what distinguishes a plant cell from an animal cell?**
 - 1) Chloroplasts
 - 2) Cellwall
 - 3) Cell membrane
 - 4) Nucleus
- 9. What is milk of Magnesia Chemically?**
 - 1) Magnesium carbonate
 - 2) Sodium bicarbonate
 - 3) Calcium Hydroxide
 - 4) Magnesium Hydraxide
- 10. Singhbhum is famous for**
 - 1) Coal
 - 2) Iron
 - 3) Copper
 - 4) Aluminium
- 11. Which of the following cities is not on the golden Quadrilateral being created for roads infrastructure of the country?**
 - 1) Chennai
 - 2) Hyderabad
 - 3) Visakapatnam
 - 4) Bhubaneswar

12. Which of the following is most Important for the growth of the children up to the age of 14?

- 1) Proteins
- 2) Vitamins
- 3) Fats
- 4) Milk

13. India lies in the _____ hemisphere?

- 1) Northern and eastern
- 2) Southern and eastern
- 3) Northern and western
- 4) Northern and southern

14. In which part of the eye lies the pigment that decides colour of the eyes of a person?

- 1) Cornea
- 2) Choroid
- 3) Iris
- 4) Vitreous body

15. Duncon passage is located between?

- 1) South and little andaman
- 2) North and South andaman
- 3) North and middle andaman
- 4) Andaman and Nicobar

16. Who invented the LASER?

- 1) Sir frank whittle
- 2) Fred marrisson
- 3) T.H. Maiman
- 4) Charles H.Jones

17. Where is the forest research institute located?

- 1) Dehradun
- 2) Bhopal
- 3) Lucknow
- 4) Delhi

18. Who is the proponent and progandist of the art of living?

- 1) Maharshi Mahesh Yogi
- 2) Sri Ravishankar
- 3) Swamy chinmayananda
- 4) Bhagwan Rajneesh

19. The writs for the enforcement of fundamental rights are issued by-

- 1) The Parliament
- 2) The President
- 3) The Supreme Court
- 4) The Election Commission

20. Which of the following is a feature common to both Indian federation and the American federation?

- 1) A single citizenship
- 2) Dual judiciary
- 3) Three lists in the constitution
- 4) A federal supreme court to interpret the constitution

21. Which of the following is a not a tool of legislative control on administration in india?

- 1) Dissolution of house
- 2) Resolutions
- 3) Questions
- 4) No confidence motion

22. What does ECS in banking transactions stands for?

- | | | |
|--------------------------------|--------|--------|
| 1) Excess credit supervisor | 1) 55% | 2) 50% |
| 2) Extra cash states | 3) 48% | 4) 46% |
| 3) Exchange Clearing Standard | | |
| 4) Electronic Clearing Service | | |

23. "My Journey Tranforming Dreams in to reality" has been written by?

- | | |
|----------------|----------------|
| 1) M.S. Dhoni | 2) L.K. Advani |
| 3) Abdul kalam | 4) Milka singh |

24. Which country has the largest number of post offices in the world?

- | | |
|-----------|----------|
| 1) U.S.A. | 2) China |
| 3) Russia | 4)India |

25. According to the world bank India will become the ____ largest economy in the world by 2013?

- | | |
|-----------|----------|
| 1) Second | 2) Third |
| 3) Fourth | 4)Fifth |

Part-B: Mathematics

26. A solid metallic cone is melted and recast into a solid cylinder of the same base as that of the cone. If the height of the cylinder is 7cm, the height of the cone was

- | | |
|----------|----------|
| 1) 20 cm | 2) 21 cm |
| 3) 28 cm | 4) 24 cm |

27. A single discount equivalent to three successive discounts of 20%, 25% and 10% is

28. What should come in place of question mark(?) in the following question?

$$0.5 \times 5.6 \div 0.5 \times 15 = ?$$

- | | |
|-------|-------|
| 1) 94 | 2) 82 |
| 3) 48 | 4) 84 |

29. A man, a women and a boy can complete a work in 20 days,30 days and 60 days respectively. How many boys must assist 2 men and 8 women so as to complete the work in 2 days?

- | | |
|------|-------|
| 1) 8 | 2) 12 |
| 3) 4 | 4) 6 |

30. If $27^{2x-1} (243)^3$ then the value of x is:

- | | |
|------|------|
| 1) 3 | 2) 6 |
| 3) 7 | 4) 9 |

31. The product of the LCM and HCF of two numbers is 24. The difference of the tow numbers is 2. Find the numbers?

- | | |
|------------|-------------|
| 1) 8 and 6 | 2) 8 and 10 |
| 3) 2 and 4 | 4) 6 and 4 |

32. The distance between two cities A and B is 330 kms. A train starts from A at 8 a.m. and travels towards B at 60 km/hr Another train starts from B at 9 a.m.

- and travels towards A at 75 km/hr At what time do they meet?
- 1) 10 a.m. 2) 10:30 a.m.
3) 11 a.m. 4) 11:30 a.m.
33. A person who spends $66\frac{2}{3}\%$ of his income is able to save Rs.1,200 per month. His monthly expenses (in Rs) is:
- 1) 1,200 2) 2,400
3) 3,000 4) 3,200
34. A boy rides his bicycle 10 km at an average speed of 12 km per hr and again travels 12 km at an average speed of 10 km per hr. His average speed for the entire trip is approximately:
- 1) 10.4 km/hr 2) 10.8 km/hr
3) 11.0 km/hr 4) 12.2 km/hr
35. The simplification of $\frac{0.06 \times 0.06 \times 0.06 - 0.05 \times 0.05 \times 0.05}{0.06 \times 0.06 + 0.06 \times 0.05 + 0.05 \times 0.05}$ gives:
- 1) 0.01 2) 0.001
3) 0.1 4) 0.02
36. The value of $\sqrt{2^4} + \sqrt[3]{64} + \sqrt[4]{2^8}$ is:
- 1) 12 2) 16
3) 18 4) 24
37. If $a * b = 2a - 3b + ab$, then $3 * 5 + 5 * 3$ is equal to:
- 1) 22 2) 24
3) 10 4) 28
38. The length and breadth of rectangular field are in the ratio of 3 : 2. If the perimeter of the field is 80m, its breadth (in meters) is:
- 1) 18 2) 16
3) 10 4) 24
39. The radius of a circular wheel is 1.75 m. The number of revolutions it will make in travelling 11 km is:
- 1) 800 2) 900
3) 1000 4) 1200
40. Ram bought 1600 eggs at Rs.3.75 per dozen. He sold 900 of them at 2 per Re 1 and the remaining at 5 for Rs.2. His gain percent is:
- 1) 40% 2) 45%
3) 42% 4) 46%
41. Two pipes A and B can fill a tank in 20 minutes and 30 minutes respectively, If both pipes are opened together, the time taken to fill the tank is:
- 1) 50 minutes 2) 12 minutes
3) 25 minutes 4) 15 minutes
42. The average of the marks obtained in an examination by 8 students was 51

and by 9 other students was 68. The average marks of the 17 students was:

- 1) 59 2) 59.9
3) 60 4) 60.5

43. If diagonal of a cube is 12 cm then its volume in cubic cm is:

- 1) 8 2) 12
3) 24 4) 32

44. If $A : B = 1 : 3$, $B : C = 5 : 7$, $C : D = 9 : 7$, then $A : B : C : D = ?$

- 1) 15 : 45 : 63 : 49 2) 15 : 49 : 45 : 63
3) 45 : 15 : 63 : 49 4) 49 : 15 : 45 : 63

45. The smallest number that must be subtracted from 1000 to make the resulting number a perfect square is

- 1) 37 2) 38
3) 39 4) 40

46. The sum and product of two numbers are 11 and 18 respectively. The sum of their reciprocal is

- 1) $\frac{2}{11}$ 2) $\frac{11}{2}$
3) $\frac{18}{11}$ 4) $\frac{11}{18}$

47. A man ate 100 grapes in 5 days. Each day, he ate 6 more grapes than those he ate on the earlier day. How many

grapes did he eat on the first day?

- 1) 8 2) 12
3) 54 4) 76

48. The ratio between the present ages of Ravi and Jai is 3 : 2. If Ravi was 6 years older than Jai, four years back, how old is Jai now?

- 1) 6 years 2) 12 years
3) 18 years 4) Data inadequate

49. On what sum does the difference between the compound interest and simple interest for 3 years at 10% is Rs.31?

- 1) Rs. 1500 2) Rs. 1200
3) Rs. 1100 4) Rs. 1000

50. Out of the fractions $\frac{5}{12}, \frac{7}{13}, \frac{4}{7}, \frac{4}{15}$ and $\frac{7}{9}$.

Which is the third largest fraction?

- 1) $\frac{5}{12}$ 2) $\frac{7}{13}$
3) $\frac{4}{7}$ 4) $\frac{9}{14}$

Part-C: English

Directions: (51-53): In the following questions, some of the sentences have errors and some have none. Find out which part of a sentence has an error. The number of that part is your answer. If there is no error the answer is (4).

51. We saw (1)/sand sculptures (2)/in the beach.(3)/No error.(4)

52. Everybody in the office (1)/has left early, (2)/ haven't they? (3)/No error.(4)

53. Teacher told that (1) / the students should have gone to the library (2)/ instead of having wasted their time. (3) / No error.(4)

Directions (54 - 58): In the following questions some of the sentences are given with blanks to be filled in with appropriate words. Four alternatives are suggested for each question. Choose the correct alternative out of the four.

54. The work was _____ by the rains.

- | | |
|---------------|---------------|
| 1) Restricted | 2) Prevented |
| 3) Hampered | 4) Obstructed |

55. He knows French and German _____ Russian.

- | | |
|-----------|------------|
| 1) Beside | 2) Besides |
| 3) Aside | 4) Except |

56. His reputation has been _____ by his foolish acts.

- | | |
|--------------|--------------|
| 1) Increased | 2) Decreased |
| 3) Retrieved | 4) Trained |

57. Meditation is _____ way to calm your nerves.

- | | |
|-------------|--------------------|
| 1) A best | 2) One of the best |
| 3) The Best | 4) An Best |

58. The Prime minister of England called _____ the President of America.

- | | |
|-------|--------|
| 1) In | 2) Out |
| 3) On | 4) At |

Directions (59 - 61): In the following questions out of the four alternatives choose the one which best expresses of the meaning of the given word.

59. ABSTAIN

- | | |
|------------|------------|
| 1) Insist | 2) Persist |
| 3) Refrain | 4) Resist |

60. COUNTERFEIT

- | | |
|-------------|------------|
| 1) Constant | 2) Unknown |
| 3) Biased | 4) fake |

61. NOVICE

- 1) Expert 2) Specialist
- 3) Generalist 4) Beginner

Directions (62 - 64): In the following questions choose the word opposite in meaning to the given word.

62. DIMINISH

- 1) Increase 2) Improve
- 3) Introduce 4) Decrease

63. COMPLY

- 1) Challenge 2) Complain
- 3) Conform 4) Complete

64. TREACHEROUS

- 1) Tactful 2) Violent
- 3) Faithful 4) False

Directions (65 - 67): In the following questions four words are given in each question, out of which only one word is rightly spelt. Find the correctly spelt word

- 65.** 1) Entirty 2) Gratiuous
3) Discern 4) Contestent

- 66.** 1) Reminiscence 2) Renounciation
3) Recolection 4) Relaxasion

- 67.** 1) Scenary 2) Granery
3) Visionary 4) Luminery

Directions (68-69): In the following questions four alternatives given for the Idiom / phrase bold in the sentence. Choose the alternative which best expresses the meaning of the Idiom / Phrase.

68. Do not run down your friends in Public

- 1) fight with 2) follow
- 3) make a mention of 4) criticise

69. Most parents find it difficult to make both ends meet because of inflation.

- 1) To lead a lavish life
- 2) To live within one's income
- 3) To live a miserly life
- 4) To lead an active life

70. Choose the one which can be substituted for the given words / sentence.

A man who wastes money on luxury

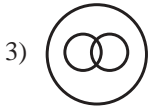
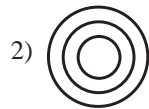
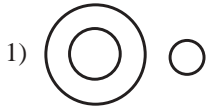
- 1) Extempore 2) Extravagant
- 3) Nymph 4) Surge

Direction (71-72): Choose the correct article

71. Vijay is _____ N.C.C. Officer.

- 1) An 2) The
- 3) A 4) None of these

72. I bought _____ uniform for my daughter yesterday.



79. In a certain code **SUBSTITUTION** is written as **ITSBUSNOITUT**. How is **DISTRIBUTION** written in that code?

- 1) IRTDISNOIUTB 2) IRTSIDNOIBUT
3) IRTDISNOITUB 4) IRTSIDNOITUB

80. A's son is B is married with C whose sister D is married to E the brother of B. How D is related to A?

- 1) Sister 2) Daughter-in-law
3) Sister-in-law 4) Cousin

81. In each of the following questions two statements are given and these statements are followed by two conclusions numbered (1) and (2). You have to take the given two statements to be true even if they seem to be at variance from commonly known facts. Read the conclusions and then decide which of the given conclusion logically follows from the two given statements, disregarding commonly known facts.

Statements:

Some mangoes are yellow.

Some tixo are mangoes.

Conclusions:

(1) Some mangoes are green.

(2) Tixo is yellow.

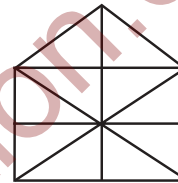
1) Only (1) conclusion follows.

2) Only (2) conclusion follows.

3) Either (1) or (2) follows.

4) Neither (1) nor (2) follows.

82. Find the number of triangles in the given figure?

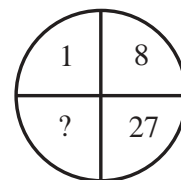


- 1) 10 2) 19
3) 21 4) 23

83. A, D, H, M, ?, Z

- 1) T 2) G
3) N 4) S

84. Which one will replace the question mark?



- 1) 41 2) 64
3) 35 4) 61

85. Choose the word which is different from the rest?

- | | | | |
|---------|----------|----------------------------------|------|
| 1) Wool | 2) Honey | is the weakest among all? | |
| 3) Silk | 4) Wax | 1) X | 2) Y |
| | | 3) Q | 4) P |

86. Choose the correct alternative that will continue the same pattern and replace the question mark(?) in the given series:

2, 12, 36, 80, 150, ?

- | | |
|--------|--------|
| 1) 194 | 2) 210 |
| 3) 252 | 4) 258 |

87. A man starts from a point X and walks 3 km south wards, then he turns left and walks 6 km. In which direction is he from from the starting point?

- | | |
|---------------|---------------|
| 1) South west | 2) South east |
| 3) West | 4) South |

88. In a certain code language, '253' means 'books are old', '546' means 'man is old' and '378' means 'buy good books'. What stands for 'are ' in that code?

- | | |
|------|------|
| 1) 2 | 2) 4 |
| 3) 5 | 4) 6 |

89. 'Gravity' is related to 'Pull' in the same way as 'magnatism' is related to:

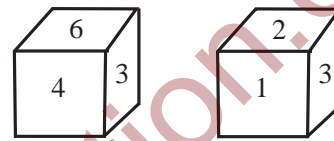
- | | |
|---------------|---------------|
| 1) Repulsion | 2) Separation |
| 3) Attraction | 4) Push |

90. X is mightier than Y and Y is mightier than Z. P is mightier than Q but inferior to Y. Q is mightier than Z. who

91. $6 : 29 :: 24 : ?$

- | | |
|--------|--------|
| 1) 109 | 2) 129 |
| 3) 119 | 4) 99 |

92. Which number appears in the face opposite to the face with number 4?



- | | |
|------|------|
| 1) 1 | 2) 2 |
| 3) 3 | 4) 5 |

93. Find the odd one among the four options:

- | | |
|--------|--------|
| 1) JKL | 2) FGI |
| 3) MPR | 4) TUW |

94. In the following numbers are arranged in desending order then which will be the middle digit of the middle term?

279, 369, 425, 335, 625, 415, 545.

- | | |
|------|------|
| 1) 4 | 2) 7 |
| 3) 6 | 4) 1 |

Directions (95 - 99)

(i) Six friends P,Q,R,S,T and U are members of a club. They play different games football, cricket, tennis, basketball,

badminton and volleyball.

- (ii) T is taller than P and S and plays tennis.
- (iii) The tallest among them plays basketball
- (iv) The shortest among them plays volleyball
- (v) Q and S plays neither basketball nor volleyball.
- (vi) R plays volleyball.
- (vii) According to height T is between P and Q, Q plays football.

95. What does S plays?

- 1) Football
- 2) Cricket/badminton
- 3) Cricket
- 4) Badminton

96. Who is taller than R but shorter than P?

- 1) T
- 2) Data inadequate
- 3) Q
- 4) None of these

97. Who plays Basketball?

- 1) S
- 2) U
- 3) Q
- 4) R

98. Which of the following is Not TRUE?

- 1) T is taller than R
- 2) U is taller than Q
- 3) P is shorter than R
- 4) Q is taller than S

99. If they are arranged in the descending order then who will be in third place?

- 1) T
- 2) Q
- 3) P
- 4) S

100. Rajesh, Jayesh, Amar and Praveen are playing cards. Amar is on the right of Jayesh who is on the right of Rajesh. Who is on the right of Amar?

- 1) Rajesh
- 2) Praveen
- 3) Rajesh / Praveen
- 4) Jayesh

Answers				
1) 4	2) 2	3) 4	4) 2	5) 3
6) 3	7) 3	8) 1	9) 4	10) 3
11) 2	12) 1	13) 1	14) 3	15) 2
16) 4	17) 1	18) 2	19) 3	20) 4
21) 1	22) 4	23) 3	24) 4	25) 2
26) 2	27) 4	28) 4	29) 1	30) 1
31) 4	32) 3	33) 2	34) 2	35) 1
36) 1	37) 1	38) 2	39) 3	40) 4
41) 2	42) 3	43) 1	44) 1	45) 3
46) 4	47) 1	48) 2	49) 4	50) 2
51) 2	52) 4	53) 1	54) 4	55) 2
56) 4	57) 3	58) 3	59) 3	60) 4
61) 4	62) 1	63) 1	64) 3	65) 3
66) 1	67) 3	68) 4	69) 2	70) 2
71) 1	72) 4	73) 3	74) 4	75) 2
76) 1	77) 4	78) 4	79) 4	80) 2
81) 4	82) 3	83) 4	84) 2	85) 1
86) 3	87) 2	88) 1	89) 3	90) 2
91) 3	92) 1	93) 1	94) 4	95) 2
96) 4	97) 2	98) 3	99) 1	100) 2