

# Fully solved PSC question paper - 36

## Police SI - 2009

- (Questions 1 to 12) Select the sentence or part of a sentence which is grammatically correct from the given alternatives. Identify the right answer among the four choices).
  - Either the manager or his assistants failed in their duty.
  - Either the manager his assistants failed in their duty
  - Either the manager or his assistants failed in his duty
  - Either the manager nor his assistant failed in their now
- He used to visit us every week but he is rarely coming duty.
  - He used to visit us every week but he is rarely comes now
  - He used to visit us every week by he has rarely come now
  - None of these
- The police arrested him. Change the voice
  - The Police have arrested him
  - He is being arrested by Police
  - He was arrested by the Police
  - He has been arrested by the Police
- Hedge Hog is the name of :
  - Country
  - City
  - Animal
  - Planet
- Most of the letters in English alphabet come from:
  - Arabic
  - Italian
  - Hebrew
  - Roman
- The Albatross is an important character in the poem of :
  - William Wordsworth
  - Samuel Taylor Coleridge
  - Shelley
  - Byron
- A Marsupial is a mammal which has :
  - Pouch
  - Wings
  - Camouflage
  - Poisonous tooth
- 'A stitch in the time saves nine' means:
  - Do the stitching on your own
  - A timely act will prevent further trouble
  - Nine can be saved if you stitch properly
  - None of these
- Zip code means :
  - system of control traffic
  - System of fix rates for items
  - System of simplify mail sorting
  - None of these

10. Effluent means:  
 (a) Liquid waste (b) halo effect (c) Wealth (d) Flattery
11. One who sneers and shows contempt for riches and enjoyment is :  
 (a) Satirist (b) Cynic (c) Philosopher (d) Sadist
12. Calipurnia is a character in Shakespeare's :  
 (a) Hamlet (b) Twelfth Night (c) Othello (d) Julius Ceasar

(Questions 13-21. Select the correct word from the alternatives to fill in the blank space)

13. I have been awoken ———five hours  
 (a) since (b) in (c) for (d) from
14. As he was cleaning his gun, it went ——— and killed him  
 (a) off (b) out (c) away (D) up
15. Without careful nursing the patient can't pull —————  
 (a) up (b) through (c) out (d) Along
16. He attributed his success ——— sheer luck .  
 (a) for (b) to (c) by (d) with
17. Nobody answered it, ..... ?  
 (a) Did he (b) Didn't (c) Didn't they (d) Did they
18. I advised him ———  
 (a) Not resign his job (b) To not resign his job  
 (c) Not to resign his job (d) To don't resign his job
19. I ——— him since his childhood.  
 (a) know (b) have known (c) knew (d) am knowing
20. Have some more rice .....?  
 (a) Will you (b) Don't you  
 (c) Haven't you (d) Won't you
21. You ——— cross the road when the lights are red.  
 (a) can (b) must (c) mustn't (d) needn't
22. The Commonwealth Games were earlier called :  
 (a) British Colonies Sports Festival (b) British Empire Sports Festival  
 (c) Royal Colonies Games (d) None of these

23. C.V. Raman discovered Raman Effect of scattered light on February 28 :  
(a) In the year of 1931 (b) In the year of 1930  
(c) In the year of 1928 (d) In the year of 1940
24. Swami Vivekananda was born in Culcutta on January 12 :  
(a) In the year of 1865 (b) In the year of 1868  
(c) In the year of 1864 (d) In the year of 1863
25. In 1878, the following newspaper was published with G.S. Aiyer as the editor:  
(a) The Tribune (b) The Hindu  
(c) The Deccan Herald (d) The Times of India
26. The world's second largest country is  
(a) Russia (b) India (c) Germany (d) Canada
27. The founder of Dakshin Bharath Hindi Prachar Sabha is :  
(a) C.Rajagopalachari (b) Dr.Radhakrishnan  
(c) Makhhan Lal (d) Rantirth
28. Ampere is the unit of :  
(a) Flow of electric current (b) Electromotive force  
(c) Electric Power (d) All the above
29. For measuring the depth of ocean, the instrument used is called :  
(a) Hydrometer (b) Fathometer (c) Fathom (d) Magnetometer
30. Dry ice is :  
(a) Solid Hydrogen (b) Ice when kept below 0°C  
(c) Solid Carbon dioxide (d) Ice which is dried
31. Arterial blood pressure is measured by :  
(a) Manometer (b) Cardiograph (c) Sphygmomanometer (d) Barometer
32. The effects of hormones on the body is :  
(a) Stimulation of organs (b) Catalytic functions  
(c) Proper growth (d) co-ordination of functions of different organs
33. Asteroids are :  
(a) Pieces of falling stars (b) Rocks found on the moon  
(c) Satellites of other planets (d) Very small planets revolving around the sun
34. A plant with green leaves placed in red light will appear:  
(a) Black (b) Green (c) Red (d) Violet

35. Who said, "A body will remain at rest unless an external force act on the body" ?  
(a) Newton (b) Einstein (c) Archimedes (d) Galileo
36. The oil in which an oil lamp rises up due to :  
(a) Pressure difference (b) Low viscosity of oil  
(c) Capillary action (d) Gravitational force
37. An echo is produced by the \_\_\_\_\_ of sound waves.  
(a) Refraction (b) Absorption (c) Reflection (d) Diffraction
38. Coating of iron with zinc is known as :  
(a) Galvanization (b) Electroplating (c) Ionization (d) None of these
39. A red light is used in a traffic signal because:  
(a) It has the longest wavelength and can easily be noticed  
(b) It is beautiful  
(c) It is visible to people with bad eyesight  
(d) It is the colour of danger
40. In diesel engine, ignition takes place by :  
(a) Compression (b) Electrical Spark (c) Dynamo (d) Battery
41. Which of the following metal is used in aircraft ?  
(a) Chromium (b) Titanium (c) Palladium (d) None of these
42. A fuse wire is used to :  
(a) To make the electrical circuit strong  
(b) Convert AC to DC  
(c) Convert DC to AC  
(d) Prevent on unduly high electric current to pass through the circuit
43. A sudden fall in the barometer indicates  
(a) Clear weather (b) Hailstorm (c) Storm (d) Heavy rainfall
44. The terminal colours of rainbow are  
(a) Violet and red (b) Violet and green  
(c) Red and green (d) Red and blue
45. The best conductor of electricity is  
(a) Iron (b) Aluminium (c) Copper (d) Silver
46. When milk is churned, the cream from it is separated due to  
(a) Gravitational force (b) Centrifugal force  
(c) Frictional force (d) Heat

47. Solder is an alloy of  
(a) Tin and lead (b) Tin and zinc (c) Zinc and lead (d) Zinc and copper
48. Amalgams are the compounds which always contain:  
(a) Al (b) Hg (c) Zn (d) Cu
49. Which pair is incorrect ?  
(a) Tannic acid : leather (b) Lactic acid : milk  
(c) Amino acid : protein (d) Acetic acid : vinegar
50. The chemical name of quartz is :  
(a) Calcium oxide (b) Calcium phosphate  
(c) Sodium phosphate (d) Sodium silicate
51. The main purpose of White Blood Corpuscles  
(a) To carry nutrients (b) To combat infection  
(c) To carry oxygen (d) To give strength
52. The seat of memory in human brain is located in the  
(a) Medulla oblongatae (b) Cerebrum (c) Cortex (d) Cerebellum
53. Chromosomes are  
(a) Parts of human brain  
(b) Thread like bodies that occur in the nuclei which carry genetic code  
(c) Constituent of blood which produces heat in the body  
(d) None of the above
54. Which of the following glands secretes tears?  
(a) Lachrymal (b) Pituitary (c) Thyroid (d) Pancreas
55. Mumps is a disease caused by  
(a) Fungus (b) Bacteria (c) Virus (d) None of these
56. 'Lock jaw' is difficulty in opening the mouth is symptom of  
(a) Plague (b) Tetanus (c) Cholera (d) None of these
57. Biopsy is done in  
(a) Tissue taken from a dead body (b) Tissue taken from a living body  
(c) Blood from veins (d) Blood from arteries
58. Aspirin was discovered by .....in 1897.  
(a) K. Landsteiner (b) Robert Koch  
(c) Felix Hoffman (d) Alexander Haring

59. Which of the two organs/glands are affected by Malaria?  
 (a) Lungs and heart (b) Spleen and liver  
 (c) Kidneys and lungs (d) Ears and brain
60. Chills, pain in chest, rusty sputum, rapid breathings abdominal pain are the symptoms of  
 (a) Plague (b) Syphilis (c) Gonorrhoea (d) Pneumonia
61. The battlefield of Plassey is situated in  
 (a) Bihar (b) Andhra Pradesh (c) Orissa (d) West Bengal
62. Chronologically arrange the visit of following pilgrims to India :  
 (A) Thomas Roe (B) Fa -hien (C) Hiuen Tsang  
 (a) ABC (b) BAC (c) BCA (d) CAB
63. The Governor - General of India who initiated the introduction of English to India was  
 (a) Lord Curzon (b) Lord Macaulay  
 (c) Lord Bentick (d) Lord Dalhousie
64. The Upanishads are  
 (a) A source of Hindu Philosophy (b) Books of ancient Hinduism  
 (c) Books on social behaviours of man (d) Prayers to God
65. Who was the Chairman of the Constituent Assembly which enacted ,adopted and signed the Constitution of India?  
 (a) B.N.Rao (b) Dr.Rajendra Prasad  
 (c) Jawaharlal Nehru (d) Dr.B.R.Ambedkar
66. The court order which literally means “ to have the body” is  
 (a) Mandamus (b) Quo warranto (c) Habeas corpus (d) Certiorari
67. If the position of President and Vice- president are vacant who officiates?  
 (a) The Prime Minister (b) Chief Justice of India  
 (c) Speaker of Lok Sabha (d) None of the above
68. The Ghana bird sanctuary is located in the state of  
 (a) Goa (b) Himachal Pradesh (c) Rajasthan (d) Gujarat
69. What is mixed farming ?  
 (a) Growing rabi as well as kharif crops  
 (b) Growing several crops  
 (c) Growing several crops and also rearing animals  
 (d) Growing sugarcane as well as cereals

70. From land mass point of view India's position in the world is  
 (a) Second (b) Fourth (c) Seventh (d) Sixth
71. 'Good Government is no substitute to Self - Government' written - by  
 (a) William Shakespeare (b) Tennyson  
 (c) Lord Byron (d) Winston Churchill
72. 'Things Fall Apart' is the book by  
 (a) V.S.Naipaul (b) Kamala Das (c) Chinua Achebe (d) Vikram Seth
73. The word similar in meaning to 'weird'  
 (a) Unnatural (b) Ghostly (c) Natural (d) Spiritual
74. The word opposite in meaning to 'pride'  
 (a) Shame (b) Lowly (c) Humanitarian (d) Humility
75. The phrase 'to subjugate' means  
 (a) Emancipate (b) Enslave (c) Liberate (d) None of these
76. The word with the wrong spelling is  
 (a) Privilege (b) Acclimatise (c) Separation (d) Alligation

**(Question 77-80: Read the passage and select the answer from the given alternatives)**

For at least 12 centuries, the oracle at Delphi in Greece spoke on behalf of God Apollo, advising rulers. Citizens and philosophers from their sex lives to affairs of state. The oracle was always a native woman called the Pythia. In a trace at time sin a frenzy, she would answer petitioners, questioners give order and make prophases modern scholarship long ago dismissed the explanation that the ancient Greeks gave for the oracle's inspiration, vapours rising from the temples floor. Experts concluded that the vapours were mythical like much else about the site since they found no undergoing fissure or possible source of intoxicants.

77. Oracle is a term which could mean  
 (a) To speak to pray (b) The wisdom of prophets  
 (c) Divine utterance for men (d) All of these
78. 'In a frenzy' means  
 (a) Violent mental agitation (b) Happening at short intervals  
 (c) Ornamentally (d) None of these
79. Experts concluded that the vapours were mythical because  
 (a) Volcanoes were found near by (b) Hot spring were there in the vicinity  
 (c) Fissures were not found (d) None of these

80. The passage talks upon

- (a) Inspiration of the oracles (b) Fissures and intoxicants  
(c) Role played by oracle for centuries (d) Mature women

**(Questions 81-83, Three words are given. There is a relationship between the first two words. Select a word that expresses a similar relationship with the third word from the given alternatives)**

81. Pride : Lion ::: Pack ?

- (a) Elephant (b) Wolves (c) Sheep (d) None of these

82. Seller : Peddler ::: buyer ?

- (a) Pedler (b) Prospector (c) Mediator (d) Purchaser

83. Scintillating : lusteress ::: Infallible?

- (a) Earning (b) Dependable (c) Dubious (d) None of these

**(Questions 84-86: Four words are given in each. Three words can be grouped together applying in principle. One word does not belong to the group find it.)**

84. (a) Poisonous (b) Venomous (c) Toxic (d) Harmless

85. (a) Blue bottle (b) Hibiscus (c) Cauliflower (d) Sunflower

86. (a) Masculine (b) Efferminate (c) Womanish (d) Unmanly

87.  $1668 + 8756 - 2817 = ?$

- (a) 7637 (b) 6637 (c) 6747 (d) None of these

88.  $5 * 0.5 * 0.05 * 0.005 = ?$

- (a) 62.5 (b) 0.000625 (c) 6.25 (d) 0.00625

89. In a certain code CENTRAL is written as LARTNEC how is SEMINAR

- (a) RANIMES (b) NARISEM (c) MESIRAN (d) None of these

90. If the following words were rearranged in alphabetical order as in dictionary which will income in the third place

- (a) Plenty (b) Plain (c) Plane (d) Place

91. If South - east is called East, North - east is called South and so on what will North be called

- (a) East (b) North - east (c) South (d) South - west

92. Which is the missing letter ? A,B,C,D,- ?

- (a) G (b) A (c) C (d) E

93. If ARID = 32 then DEAR = ?  
 (a) 22 (b) 24 (c) 26 (d) 28
94. What should be number in the place of the question mark (a)  
 12, 24, (a), 96  
 (a) 48 (b) 112 (c) 68 (d) 86
95. Which number does not fit the following series  
 0 6 24 60 120 216 336  
 (a) 24 (b) 60 (c) 120 (d) 216
96. Insert the missing number  
 18, 8, -2, -12 ?  
 (a) -22 (b) -8 (c) -18 (d) -20
97. A doctor gives Rema five tablets asking her to take each one after half an hour. How long will she take to finish all the tablets?  
 (a) 1.5 hrs (b) 2 hrs. (c) 2.5 hrs (d) 3.5 hrs
98. If + means  $\times$ ,  $\times$  means  $-$ ,  $\div$  means  $\div$  and  $-$  means  $+$  then  
 $60 + 5 \div 15 - 20 \times 15 = ?$   
 (a) 105 (b) -273 (c) 25 (d) None of these
99. Which is the one that does not belong to the group  
 (a) PRT (b) QOM (c) CEG (d) IKM
100. When a number is divided by 8 the remainder is 6 and when the same number is divided by 7 the remainder is 5. What is the number ?  
 (a) 51 (b) 37 (c) 54 (d) None of these

### Answers: Police SI 2009

- 1.(a) 2.(d) 3. (c) 4. (c) 5. (d) 6. (b) 7. (a) 8. (b) 9. (d)  
 10. (a) 11. (b) 12. (d) 13. (c) 14. (a) 15. (b) 16. (b) 17. (d) 18. (c)  
 19. (b) 20. (d) 21. (c) 22. (b) 23. (c) 24. (d) 25. (b) 26. (d) 27. (a)  
 28. (a) 29. (b) 30. (c) 31. (c) 32. (a) 33. (d) 34. (a) 35. (a) 36. (c)  
 37. (c) 38. (a) 39. (a) 40. (a) 41. (b) 42. (d) 43. (c) 44.(a) 45. (d)  
 46. (b) 47. (a) 48. (b) 49. (a) 50.(d) 51.(b) 52. (b) 53. (b) 54. (a)  
 55. (c) 56. (b) 57. (b) 58. (c) 59.(c) 60. (d) 61.(d) 62. (c) 63. (c)

64. (a) 65. (b) 66. (c) 67. (b) 68. (c) 69. (c) 70. (c) 71. No answer:

Ans: Mahatma Gandhi 72. (c) 73. (b) 74. (d) 75. (b) 76. (d) 77. (c)

78. (a) 79. (c) 80. (c) 81. (b) 82. (d) 83. (c) 84. (d) 85. (a) 86. (a)

87. d  $1668 + 8756 - 2817 = 10424 - 2817 = 7607$  88. b

89. a

C	E	N	T	R	A	L
↓	↓	↓	↓	↓	↓	↓
L	A	R	T	N	C	E

S	E	M	I	N	A	R
↓	↓	↓	↓	↓	↓	↓
R	A	N	I	M	E	S

90. c Place, plain, plane, plenty

91. d 92. d A, B, C, D, E

93. d ARID = 32

$$1+18+9+4 = 32$$

$$\therefore \text{DEAR} = 4+5+1+18 = 28$$

94. a 12, 24, (a), 96

$$24 \div 12 = 2$$

$$48 \div 24 = 2$$

$$96 \div 48 = 2$$

95. d

96. a  $8 - 18 = -10$

$$-2 - 8 = -10$$

$$-12 - 2 = -10$$

$$-22 - 12 = -10$$

97. b

98. c  $60 \times 5 \div 15 + 20 - 15$

$$= 20 + 20 - 15$$

$$= 25$$

99. b P (Q) R (S) T

C (D) E (F) G

I (J) K (L) M

100. c