## **PSC Exam Model Paper 2012 General Mental Ability**

Questions 1 to 5, Choose synonymous word
1
To surprise somebody greatly:
(a) Appraise (b) Antonyms (c) Astonish (d) Reveal
2
To make something more important that it really:
(a) Excess (b) Elaborate (c) Stress upon (d) Exaggerate
3
Express one's opinion without evidence or full knowledge:
(a) Specify (b) Speculate (c) concede (d) Sensing
4
An event that will happen soon:
(a) Imminent (b) Damsure (c) Immense (d) Immutable
5
To lead somebody to do something:
(a) Persuade (b) Placate (c) Persecute (d) Perpend
(Questions 6 to 10, four words are given in each. Three of them can be grouped together applying a principle. One word does not belong to the group. Find it out)

12

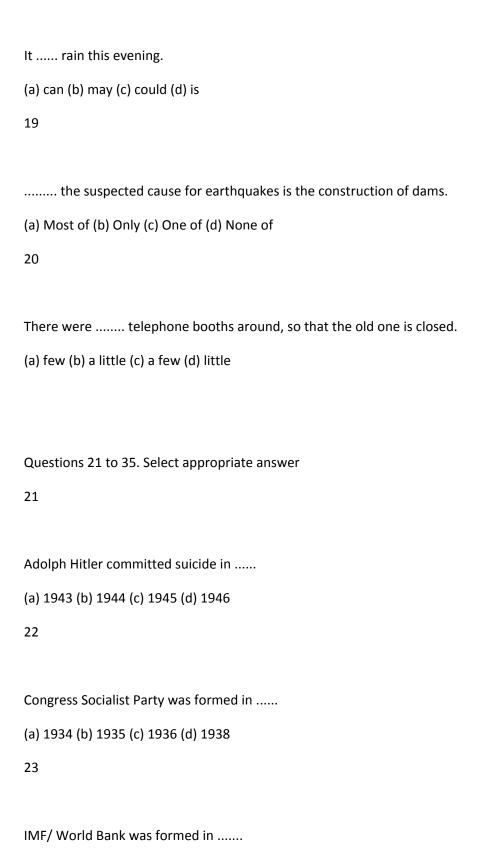
Pareekutty: Madhu; Chemban Kunju:

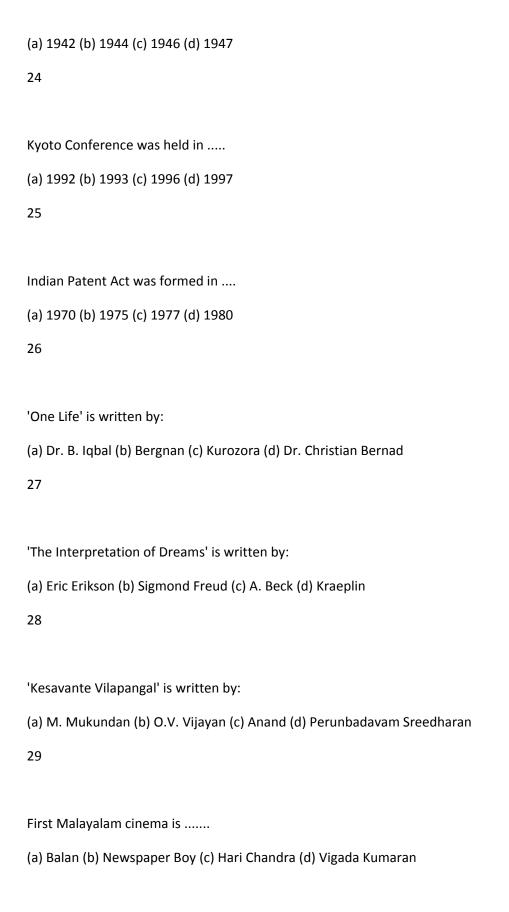
(a) Violet (b) Blue (c) Magenda (d) Green
7
(a) Cucumber (b) Carrot (c) Brinjal (d) Ladies finger
8
(a) Yaswanth Sinha (b) Jaswanth Singh (c) Satrugnan Sinha (d) Manmohan Singh
9
(a) Cancel (b) Nullify (c) Void (d) Confirm
10
(a) G. Sankarakuruppu (b) O.N.V. Kuruppu (c) S.K. Pottekkadu
(Questions 11 to 13, 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)
11
Pather Panjali : Sathyajith Ray ; Athithi :
(a) K.P. Kumaran (b) M.T. Vasudevan Nair (c) T.V. Chandran (d) P.A. Backer

(a) P.J. Antony (b) Jose Prakash (c) Govindankutty (d) Kottarakkara Sreedharan Nair
13
Bangladesh : Dhaka : Austria :
(a) Canberra (b) Lapaz (c) Santiago (d) Vienna
Question 14 to 20 choose correct answer from the alternative to fill the blank space:
14
A, E, J, O,,
(a) M, Q (b) S, X (c) T, Y (d) U, Z
15
ADH, BEI, CFJ,
(a) DGL (b) DHK (c) EHL (d) FIM
16
Veluthampi Dalawa a brave fight against British Army
(a) Put up (b) Put off (c) Put in (d) Put down
17

The train was coming, the supervisor .... the workers to stop working on rail.

(a) called off (b) called in (c) called away (d) called out





The Director of the film 'Susanna' is;
(a) T.V. Chandran (b) Priyadarsan (c) Adoor Gopalakrishnan (d) Lenin Rajendran
31
The Nigerian Novelist who won the Nobel prize:
(a) Clod Seamong (b) Vol Soyinga (c) Joseph Brodskey (d) None of the above
32
'World AIDS Day'
(a) April 7th (b) June 5th (c) December 1st (d) February 5th
33
The famous film song 'Easwaran Hinduvalla, Islamalla, Christianiyalla, Indranum Chandranumalla' was written by:
(a) O.N.V. Kuruppu (b) S.L. Puram Sadanandan
(c) Vayalar Ramavarma (d) None of the above
34
FIFA President:
(a) Sep Blatter (b) Urz Linzy (c) H.K. Dua (d) None of the above
35
Erethrean Sea is:
(a) Bay of Bengal (b) Indian Ocean (c) Red Sea (d) Arabian Sea

Questions 36 to 55. Choose Correct answer

36

Find out the values of 'X' and 'Y' if X + Y=7; 3x-2y=11

(a) 4, 3 (b) 5, 2 (c) 3, 4 (d) 2, 5

37

Five years ago I was thrice as old as my son and ten years later I shall be twice as old as my son. How old are we now?

(a) 30 & 40 (b) 50 & 20 (c) 40 & 15 (d) 35 & 15

38

3 chairs and 2 tables cost Rs. 700 and 5 chairs and 3 tables cost Rs.1,100. What is the cost of 2 chairs and 2 tables?

(a) RS. 400 (b) Rs. 500 (c) Rs. 600 (d) Rs. 900

39

Find two consecutive natural numbers whose squares have been the sum 221.

(a) 10, 11 (b) 9, 10 (c) 12, 13 (d) 13, 15

40

Find out the values of x & y if 2x + 3y = 31; 17x - 11y = 8

(a) 4, 7 (b) 5, 7 (c) 6, 8 (d) 5, 8

41

The sum of two numbers is 15. If the sum of their reciprocals 3/10, find out the numbers

42

The length of a rectangular plot is 8 metres greater than breadth. If the area of the plot is 308 m, find the length and breadth of the plot in metre.

43

A lawn is in the shape of a rectangle of length 60 metres and width 40 metres. Outside the lawn there is a foot path of uniform width 1 metre broadening the lawn. Find out the area of the path.

44

A chess board contain 64 equal squares and the area of each square is 6.25 cm2 A border round the board is 2cm wide. Find the length of the side of the chess board.

45

The area of a triangle is 48cm2 the base is 12cm. What is its altitude?

46

The minute hand of a clock is 10cm long. Find the area on the face of the clock described by the minute hand between 9.00 am and 9.35 am (p = 3.14)

The number of children in 10 families in a locality are listed below

3, 1, 4, 0, 2, 1, 1, 2, 3, 3. Find out the mean number of children.

48

The mean of a set of 40 values is 6. Each of the values increased by 5. What will be the mean of the set of new values?

49

Find out the median of the values 5, 10, 3, 7, 2, 9, 6, 2, 11.

50

5:6, 7:8, 13:16- which of the following is correct, if the above values are arranged in descending order of magnitude.

51

What must be added to the numbers 6, 10, 14 and 22 so that they became successive proportional:

52

Which one of the following is having greater value?

53

Nalini purchases a cycle for Rs. 660 including sales tax. If the rate of sales tax is 10% find out the sale price of the cycle.

(a) Rs. 500 (b) Rs. 550 (c) Rs. 560 (d) Rs. 600

54

What will be the next number in the following series of numbers

2, 4, 16....

(a) 32 (b) 64 (c) 256 (d) 300

55

What will be the next number if the series of numbers is as follows

3, 11, 27, 59,....

(a) 70 (b) 86 (c) 100 (d) 123

Questions 56 to 100 select the appropriate answer

56

Who proposed atom theory?

(a) John Dalton (b) Neils Bohr (c) Chadwick (d) Rutherford

57

Father of electricity:
(a) Michael Farade (b) J.J. Thomson (c) Edison (d) Ampere
58
Who is related to Green Revolution in India?
(a) Varghese Kuriyan (b) Anand (c) Dr. Swaminathan (d) Meda Padekar
59
Dengue Fever is caused by
(a) Bacteria (b) Virus (c) Fungi (d) Not produced by infective agent
60
Temporary hardness of water is due to
(a) Calcium chloride (b) Sodium Carbonate
(c) Sodium Chloride (d) Magnesium Bicarbonate
61
Global warning is due to increased production of all the following EXCEPT:
(a) Carbon dioxide (b) Ethane (c) Methane (d) Sulpher dioxide
62
The concept that 'all plants are made of cells' was put forward by:
(a) Theodor Schwan (b) R. Virchow (c) Louie Pasteur (d) M.J. Schleiden
63

All the following are noble metals EXCEPT:
(a) Mercury (b) Gold (c) Silver (d) Platinum
64
EEG is used to study the functions of:
(a) Heart (b) Muscle (c) Brain (d) Nerve
65
DNA model is put forward by:
(a) Ian Willmutt (b) Dr. Henre Becquirel (c) Robert Hook (d) None of the above
66
World Heavy Weight Champion of 2003:
(a) Clistsco (b) Muhammed Ali (c) Linox Louis (d) None of above
67
Second Kerala Chief Minister is:
(a) Pattom Thanupilla (b) E.M.S (c) C. Achuthamenon (d) R. Sankar
68
The solgan 'Inquilab Zyndabad' was first used by:
(a) Bhagad Singh (b) Subhash Chandrabose (c) V.I. Lenin (d) Ajay Ghosh
69
'Sadhujana Paripalana Sangam' is founded by:

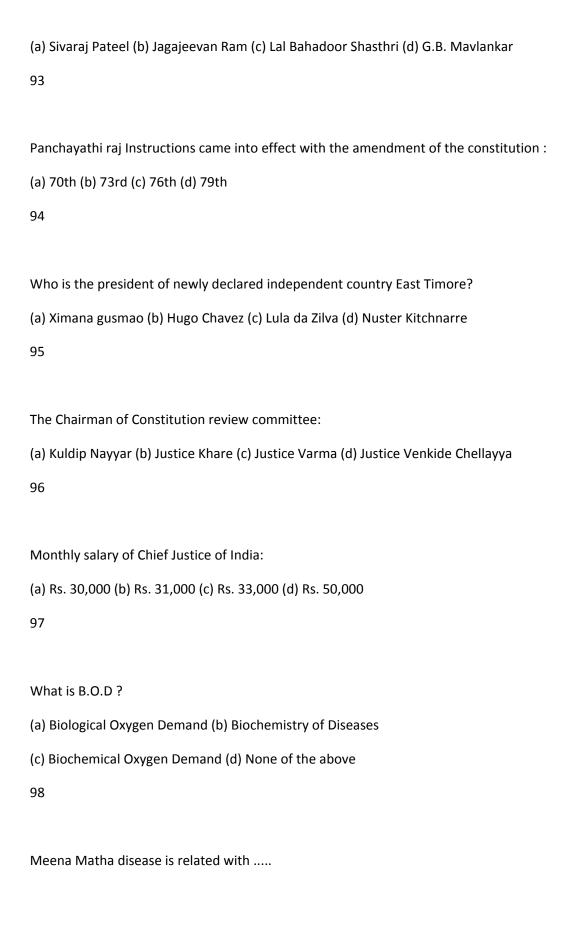
70
All of the following are Draveedian language EXCEPT:
(a) Malayalam (b) Thelungu (c) Thulu (d) Marati
71
First Internal affairs Minister of independent India:
(a) Jawaharlal Nehru (b) Lal Bahadur Shastri
(c) Sardar Vallabhai Patel (d) V. Krishna Menon
72
Capital of Kenya
(a) Aman (b) Ney Robi (c) Keyro (d) Beyroot
73
First Computer virus:
(a) Gappi (b) Meleesa (c) Norton (d) Apple
74
Who declared that 'Swaraj is my birth right and I must have it'
(a) Bhagad Singh (b) Balagangadhara Thilak
(c) Mahatma Gandhi (d) Subhash Chandrabose
75

(a) A.K. Gopalan (b) Ayyankali (c) Sree Narayana Guru (d) Vakkom Mulavi

All of the following persons are extremists of independence movement EXCEPT:
(a) Lala Lajpat Rai (b) Bipin Chandrapal
(c) Gopalakrishna Ghokala (d) Aurobindo Ghosh
76
Which of the following event is related to General Dyer.
(a) Jalian Wala Bagh Massacre (b) Wagon Tragedy
(c) Chittagong Riot (d) Punnapra-Vayalar struggle
77
First battle of Panipat was between
(a) Hemu and Akbar (b) Marathas and East India Company
(c) Baber and Ibrahim Lodi (d) East India Company and Portuguese
78
Where did Gandhiji launched his first struggle?
(a) Navaghaly (b) Dhandi (c) Kappad (d) Champaran
79
Who presided over first session of All India Trade Union Congress?
(a) Subhash Chandra Bose (b) Lala Lajpat Rai (c) C.R. Das (d) Jawaharlal Nehru
80
Volunteer captain of Guruvayoor Temple Sathyagraha:
(a) A.K. Gopalan (b) K. Kelappan (c) Pattom Thanupillai (d) Ayyankali

The East India Company established its first Factory in
(a) Surat (b) Pune (c) Calcutta (d) Bombay
82
Formation of the INA was the result of the great efforts made by
(a) Captain Lekshmi Bai (b) Rash Behari Bose
(c) Subhash Chandrabose (d) Aurobindo Ghosh
83
In which conference Subhash Chandrabose was elected as the president of Indian National Cougress?
(a) Avadi (b) Pune (c) Tripuri (d) Bombay
84
RSS was banned in 1948 in relation with
(a) India-Pak division (b) Hindu-Muslim War
(c) Bengal Division (d) Assasianation of Mahatma Gandhi
85
Bharuhaspathi is related with
(a) Arya Samjam (b) Medicine (c) Indus civilization (d) Charvakamatham
86
The slogan 'American Model Arabikadalil' is related with

(a) Thelungana struggle (b) Punnapra-Vayalar struggle
(c) Kayyur struggle (d) Vaikom Sathyagraha
87
'Keralam Malayalikalude Mathrubhoomi' was written by
(a) Kumaranasan (b) Thakazhi (c) E.M.S (d) Vallathol
88
Male-Female Sex Ratio of India in 2001 census is:
(a) 1000 : 933 (b) 1000 : 1040 (c) 1000 : 939 (d) 1000 : 1046
89
The Prime Minister who started privatization in Britain:
(a) Margarett Thacher (b) John Major (c) Tony Blair (d) Winston Churchil
90
The smallest state in the world
(a) Russia (b) Vatican (c) Sri Lanka (d) Cuba
91
The persons who became the Chief Minister for the longest period in India:
(a) E.K. Nayanar (b) Vasantha Satte (c) Jyothi Basu (d) K. Karunakaran
92
Who was the first speaker of Lok Sabha?



(a) Cadmium (b) Mercury (c) Lead (d) Iron

99

National party is one which could secure not less than ....% of the total valid votes in the previous general election.

(a) 4% (b) 6% (c) 8% (d) 9%

100

The theory that 'the continents will travel' was first put forward by:

(a) Antonio Sneider (b) F.J. Wine (c) D.H. Mathews (d) Alferd Vegener