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# **WBPSC Miscellaneous 2018 Prelims Question paper**

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## WBPSM Miscellaneous 2018 Prelims Question Paper

**Q1. If 75% of the students in a school are boys and the number of girls is 420, the number of boys is**

- (a) 1176
- (b) 1350
- (c) 1125
- (d) 1260

**Q2. If A's salary is 25% less than that of B, then how much per cent is B's salary more than that of A?**

- (a) 44  $\frac{1}{4}$ %
- (b) 33  $\frac{1}{3}$  %
- (c) 22  $\frac{1}{2}$ %
- (d) 55  $\frac{1}{5}$  %

**Q3. A seller sold an article with 20% loss. If he sold the article with Rs. 200 more he would have a profit of 5%. Cost price of the article was**

- (a) Rs. 600
- (b) Rs. 800
- (c) Rs. 1000
- (d) Rs. 1200

**Q4. A dishonest dealer claims to sell his goods at the cost price but uses a false weight of 900 gm. for 1 Kg. His gain per cent is**

- (a) 13%
- (b) 11  $\frac{19}{100}$ %
- (c) 11.25%



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(d) 12 1/9%

**Q5. In what proportion must water be added to spirit to gain 20% by selling it at the cost price?**

(a) 2:5

(b) 1:5

(c) 3:5

(d) 4:5

**Q6. The simplified value of is**

$$\frac{1}{1000} \left( \frac{1}{5} + 999 \frac{494}{495} \times 99 \right) \text{ is}$$

(a) 99

(b) 990

(c) 9900

(d) 99000

**Q7. A student was asked to divide a number by 3, but instead of dividing it, he multiplied it by 3 and got 29.7. The correct answer was**

(a) 9.3

(b) 3.3

(c) 9.8

(d) 9.9

**Q8. If  $\frac{4}{5}$ th of cistern is filled in 1 minute, how much more time will be required to fill the rest of it?**

(a) 10 sec.

(b) 12 sec.

(c) 15 sec.



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(d) 20 sec.

**Q9. X can do a piece of work in 20 days and Y can do it in 12 days. Y worked at it for 9 days. In how many days can X alone finish the remaining work?**

(a) 5

(b) 3

(c) 7

(d) 11

**Q10. 12 workers take 4 hours to complete a job. How long would it take 15 workers to complete the job?**

(a) 2 hrs. 40 mins.

(b) 3 hrs. 12 mins.

(c) 3 hrs. 24 mins.

(d) 3 hrs. 30 mins.

**Q11. A gardener plants 17956 trees in such a way that there are as many rows as there are trees in a row. The number of trees in a row are**

(a) 136

(b) 134

(c) 144

(d) 154

**Q12. A man invested  $\frac{1}{3}$  of his capital at  $7\%$ ,  $\frac{1}{4}$  at  $8\%$**

**and the remainder at  $10\%$ . If his annual income is Rs. 561, the capital is**

(a) Rs. 6600

(b) Rs. 6000

(c) Rs. 5400



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(d) Rs. 7200

**Q13. A train can go from Burdwan to Howrah in 6 hours and another train can go from Howrah to Burdwan in 4 hours. Both of them start at 7 A.M. towards each other. They will meet at**

(a) 9-15 A.M

(b) 9-22 A.M

(c) 9-24 A.M

(d) 9-25 A.M

**Q14. Ajoy is much younger to Vijoy as he is older to Tarun. If the total of the ages of Vijoy and Tarun is 48 years, how old is Ajoy?**

(a) 23 years

(b) 21 years

(c) 24 years

(d) 18 years

**Q15. X has monthly income of Rs. 25,000. He spends 10% on education, 20% of the remaining income is spent on housing, 15% of the remaining income is deposited in savings schemes. The rest income is spent on food and cloths. How much percentage of income does he spend on food and clothes?**

(a) 65%

(b) 61.2%

(c) 60%

(d) 55%

**Q16. A train runs for 2 hrs. at the speed of 35km/h It runs for  $3\frac{1}{2}$  hrs at the speed of 60km/h and then runs for  $2\frac{1}{2}$  hrs at the speed of 70~km/h. Find the average speed of the train.**

(a) 50~km/h

(b) 55~km/h

(c) 80~km/h

(d) 56.87~km/h

**Q17. A reduction of 20% in the price of apples enables a buyer to get one dozen more for Rs. 50. Find the reduced price per dozen of apples?**

(a) Rs. 8

(b) Rs. 12

(c) Rs. 10

(d) None of the above

**Q18. What least number must be added to 15370 to make it a perfect square?**

(a) 4

(b) 6

(c) 8

(d) 9

**Q19. If  $1^2 + 2^2 + 3^2 + \dots + 10^2 = 385$  then the value of**

$(2^2 + 4^2 + 6^2 + \dots + 20^2)$

is (a) 770

(b) 1540

(c) 1155

(d) 385 x 385

**Q20. If  $x:y=2:1$ , then  $(x^2 - y^2):(x^2 + y^2) = ?$**



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- (a) 3:5
- (b) 5:3
- (c) 1:3
- (d) 3:1

**Q21. How many litre of water is to be mixed in 12 litre of milk costing Rs. 10 per litre, so that it can be sold at Rs. 8 per litre?**

- (a) 3 Litre
- (b) 5 Litre
- (c) 4 Litre
- (d) 3.5 Litre

**Q22.  $\sqrt{20} + \sqrt{20} + \sqrt{20} \dots = ?$**

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

**Q23. A, B and C started a partnership business investing their capital in  $1/2 : 1/3 : 1/5$  of his capital. If profit of the year is Rs. 6740, what should be A's share of profit?**

- (a) Rs. 2900
- (b) Rs. 3200
- (c) Rs. 3300
- (d) Rs. 2800

**Q24. As a result of wrong posting of number of a student in examination as 83 instead of 63, average number of all students has been increased by  $\frac{1}{2}$ . How many students are there in the class?**

- (a) 10



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- (b) 20
- (c) 40
- (d) 73

**Q25. A man spends in 4 months what he earns in 3 months. If his annual savings is Rs. 45,000, his monthly income is**

- (a) Rs. 15,000
- (b) Rs. 18,000
- (c) Rs. 20,000
- (d) Rs. 22,000

**Q26. The concept 'secularism' was incorporated to the Preamble of Constitution of India by**

- (a) 42nd Amendment
- (b) 44th Amendment
- (c) 1st Amendment
- (d) 23rd Amendment

**Q27. The concept social justice is an integral part of the**

- (a) Fundamental duties under Constitution
- (b) Preamble to the Constitution
- (c) Article 12 of the Constitution
- (d) Right to religion under Constitution

**Q28. "Basic structure" doctrine has been declared by the Supreme Court in**

- (a) Ajay Hasia Case
- (b) R. D. Shetty Case
- (c) Keshavananda Bharati Case



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(d) Valsama Case

**Q29. The "right to know" is protected under the Constitution of India in**

- (a) Article 14
- (b) Article 19(1)(c)
- (c) Article 20 (1)
- (d) Article 19(1)(a)

**Q30. "Women and Children" are protected under the Constitution of India in**

- (a) Article 15
- (3) (b) Article 14(1)
- (c) Article 22(8)
- (d) Article 15(1)

**Q31. The President shall be elected by the**

- (a) Member of Electoral College
- (b) Member of Loksabha
- c) Member of Assemblies
- (d) None of the above

**Q32. Who became the 2nd Indian American Judge of the US Court of Appeals in 2017?**

- (a) Bikram Set
- (b) Amul Thapar
- (c) Dalbir Bhandari
- (d) Krishna Chandra

**Q33. On May 28, 2017 which University has included Gandhi and Indian Independence in its curriculum?**

- (a) London
- (b) Cambridge
- (c) Oxford
- (d) Harvard

**Q34. First which country started basic in income to the unemployed?**

- (a) USA
- (b) Australia
- (c) Germany
- (d) Finland

**Q35. In which year the Banaras Hindu University has appointed its first Women Chief Proctor?**

- (a) 2018
- (b) 2017
- (c) 2016
- (d) 2015

**Q36. Recently who has been appointed as the Chairman of the Film and Television Institute of India?**

- (a) Anupam Kher
- (b) Amitava Bachchan
- (c) Nasiruddin Shah
- (d) Shabana Azmi

**Q37. Who has been appointed as UN Ambassador of peace?**

- (a) Malala Yousafzai
- (b) Kamala Begum
- (c) Shabana Yousufzai



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(d) Caruana Galizia

**Q38. Who has been appointed in West Bengal as the first transgender Judge in Lok Adalat?**

(a) Hemapat Agarwal

(b) Joyita Mondal Mahi

(c) Firdous Naz

(d) Joyshree Pati

**Q39. By which Constitutional Amendment GST has been introduced in India?**

(a) 100th Amendment

(b) 105th Amendment

(c) 99th Amendment

(d) 101st Amendment

**Q40. Anti-defection law under the Constitution of India is elaborated in**

(a) 10th Schedule

(b) 9th Schedule

(c) 8th Schedule

(d) 7th Schedule

**Q41. The name of the present Governor of Tripura is**

(a) Braj Kumar Nehru

(b) Tathagata Roy

(c) Manik Sharkar

(d) Shitaram Yechuri

**Q42. Alexander the Great conquers Asia and moves to India**

(a) 563-483 BB.C.



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- (b) 336-323 B.C.
- (c) 2500-1500 B.C.
- (d) 600 B.C.

**Q43. The Battle of Palassey was held between**

- (a) East India Company and Mirjafar
- (b) Clive and Siraj
- (c) Nawab of Bengal and French
- (d) Mughals and English

**Q44. Scientist C. V. Raman discovered-**

- (a) Raman Effect
- (b) Raman Ray
- (c) Life of tree
- (d) X-Ray

**Q45. Who calls for "Do or Die"?**

- (a) Mahatma Gandhi
- (b) Jawaharlal Nehru
- (c) Rajendra Prasad
- (d) Lala Lajpath Rai

**Q46. The first electric train runs between**

- (a) Bombay VT and Kurla
- (b) Howrah and Bandel
- (c) Delhi and Agra
- (d) Bombay and Madras



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**Q47. Subhas Chandra Bose was elected as President of Congress in the year**

- (a) 1938
- (b) 1933
- (c) 1928
- (d) 1923

**Q48. Who was chasing the final gold medal at the 2017 World Championship for Jamaica?**

- (a) David Lekuta
- (b) Ushian Bolt
- (c) Mike Powel
- (d) Ashton Eaton

**Q49. Who is the Captain of the Indian Women's Cricket team?**

- (a) Mitali Raj
- (b) Anju Mishra
- (c) Shasi Gupta
- (d) Preeti Kaur

**Q50. India has beaten in the Blind T20 Cricket World Cup, 2017 final held in Bengaluru**

- (a) Pakistan
- (b) England
- (c) Sri Lanka
- (d) Bangladesh

**Q51. 18th Asian Games 2018 will be held in**

- (a) China



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- (b) Indonesia
- (c) Bangladesh
- (d) Bhutan

**Q52. West Bengal won the 71st Santosh Trophy Football Championship defeating**

- (a) Delhi
- (b) Mumbai
- (c) Goa
- (d) Uttar Pradesh

**Q53. The 1960 first Para Olympic Games were held at**

- (a) Rome
- (b) Sweden
- (c) New Delhi
- (d) Karachi

**Q54. Dhyan Chand National Sports Awards, 2017 has been conferred on**

- (a) Dipa Karmakar
- (b) Bhupender Sing
- (c) Heera Nand
- (d) V.J. Surekha

**Q55. Kathakali is a classical dance-drama originated from**

- (a) Odissa
- (b) Bengal
- (c) Kerala
- (d) Karnataka

**Q56. One of the famous dancer of "Kuchipudi" is**



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- (a) Yamini Raddy
- (b) Bharati Gupta
- (c) Durga Das
- (d) Sitara Devi

**Q57. "Giddha" - performed during marriage ceremonies in**

- (a) Himachal Pradesh
- (b) Punjab
- (c) Manipur
- (d) Tripura

**Q58. Who had written "Shakumthalam"?**

- (a) Krittibus
- (b) Balmiki
- (c) Kautilya
- (d) None of the above

**Q59. The National School of Drama was set up in the year**

- (a) 1955
- (b) 1959
- (c) 1961
- (d) 1962

**Q60. In which date the Indian Museum (Kolkata) was established?**

- (a) December 16, 1951
- (b) August 15, 1949



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(c) February 2, 1814

(d) February 24, 1857

**Q61. Who is famous for playing flutes?**

(a) Gauri Shankar

(b) U. Srinivas

(c) Pannalal Ghose

(d) Khagen Dey

**Q62. In which date the Sangeet Natak Academy recognised 'Sattriya Nritya'?**

(a) December 30, 1990

(b) November 15, 2000

(c) July 1, 2002

(d) July 1, 2003

**Q63. The folk dance 'Hitak' is performed in which State?**

(a) Jammu & Kashmir

(b) Manipur

(c) Mizoram

(d) Kerala

**Q64. The author of the book 'Anandamath' is**

(a) Bangladeshi

(b) Indian

(c) Pakistani

(d) None of the above

**Q65. Mahatma Gandhi has written which one of the following books?**



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- (a) Conquest of Self
- (b) Crescent Moon
- (c) Crime and Punishment
- (d) Descent of Man

**Q66. Who wrote the book 'Essays on the Gita'?**

- (a) Bankimchandra
- (b) Mahatma Gandhi
- (c) R. N. Tagore
- (d) Aurobindo Ghosh

**Q67. The book "I follow the Mahatma" has been written by**

- (a) Prabhat Kumar
- (b) K. M. Munshi
- (c) Rajendra Prasad
- (d) Shoba Dey

**Q68. Who has written the book "Jurassic Park"?**

- (a) Michael Crichton
- (b) Walter Scott
- (c) Robert Louis
- (d) D. H. Lorence

**Q69. 'Long Walk to Freedom' book has been written by an author of which of the following countries?**

- (a) India
- (b) France
- (c) United States of America



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(d) South Africa

**Q70. "The Road Ahead" book is authored by**

(a) P. B. Shelly

(b) John Keats

(c) Bill Gates

(d) Paul Roberts

**Q71. Who has written the book "The Rights of Man"?**

(a) Plato

(b) Thomas Paine

(c) Aristotle

(d) John Lock

**Q72. Tungabhadra River flows in which of the following states?**

(a) Assam

(b) Arunachal Pradesh

(c) Andhra Pradesh

(d) Uttarakhand

**Q73. How many dialects are prevailing in the State of Arunachal Pradesh?**

(a) 60 dialects

(b) 55 dialects

(c) 50 dialects

(d) 45 dialects

**Q74. Which State in India is the meeting point of Mongoloids and Caucasoids?**

(a) Jammu & Kashmir



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- (b) Assam
- (c) Madhya Pradesh
- (d) Karnataka

**Q75. In which state the 'Udanti Sanctuary' is situated?**

- (a) Assam
- (b) Chhattisgarh
- (c) Karnataka
- (d) Odissa

**Q76. The Sultanpur Bird Sanctuary is situated in which state?**

- (a) Haryana
- (b) Uttar Pradesh
- (c) Gujarat
- (d) Assam

**Q77. In which State the 'Wular Lake is situated?**

- (a) West Bengal
- (b) Assam
- (c) Gujarat
- (d) Jammu & Kashmir

**Q78. The Annamalai mountain is situated in which state?**

- (a) Telengana
- (b) Kerala
- (c) Himachal Pradesh
- (d) Madhaya Pradesh

**Q79. The mountain 'Susunia Hills' situated in which state?**



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- (a) West Bengal
- (b) Odissa
- (c) Jharkhand
- (d) Madhya Pradesh

**Q80. Which one of the following is the World's most heat resistant material?**

- (a) Hafnium Carbide (HFC)
- (b) Nano Material (NM)
- (c) Titanium (TM)
- (d) None of the above

**Q81. Who has developed the contact lens sensors to monitor things like stress hormones, uric acid, pressure sensing for glucoma?**

- (a) Professor Kit
- (b) Professor Greg Herman
- (c) Professor Sensor
- (d) Professor Black William

**Q82. Which University has developed the holographic imaging process that enables the radiation of a standard Wi-Fi router to generate 3D (dimensional) images of the surrounding environment?**

- (a) Technical University of China
- (b) Singapore Technical University
- (c) West Bengal Technical University
- (d) Technical University of Munich

**Q83. What is the full form of SCM?**

- (a) Standard Cosmological Model
- (b) Strong Cosmological Model



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(c) Stable Cosmological Model

(d) Strict Cosmological Model

**Q84. The Large Hadron Collider beauty (LHCb) experiment is specialised for**

(a) 'beauty green' study

(b) beauty quark study

(c) 'beauty red' study

(d) 'beauty white study

**Q85. Which one of the following is the hip and knee replacement robot?**

(a) Laprodoc

(b) Robodoc

(c) Neurodoc

(d) None of the above

**Q86. Which tissue is the 79th organ of the human body?**

(a) Mesentery

(b) Adenoids

(c) Colon

(d) Vulva

**Q87. How many important muscles are there in the human body?**

(a) 530

(b) 600

(c) 730

(d) 830

**Q88. What is the name of the smallest muscle in the human body?**



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- (a) Buttok Muscle
- (b) Glutens Muscle
- (c) Sartorius Muscle
- (d) Stapedius Muscle

**Q89. Hair in human body is made of the same substance as**

- (a) Knee
- (b) Teeth
- (c) Finger nails
- (d) Skin

**Q90. Distorted vision (Astigmatism) can be corrected by using which one of the following lenses?**

- (a) Cylindrical lens
- (b) Convex lens
- (c) Concave lens
- (d) Bifocal lens

**Q91. What is angiogram?**

- (a) It is a medical diagnostic test.
- (b) It is a signal used in telegram office.
- (c) It is a signal used in radio.
- (d) It is a signal used in TV.

**Q92. Which one of the following is not medical diagnostic test?**

- (a) Colonoscopy test
- (b) McNaughton test
- (c) Doppler test



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(d) C. T. Scan test

**Q93. What is the function of Electro Cardiogram test?**

- (a) It measures the legs function.
- (b) It measures the blood flow.
- (c) It measures the brain cells.
- (d) It measures the heart beat.

**Q94. Zika virus disease transmitted through?**

- (a) Mosquito
- (b) Dog
- (c) Cat
- (d) Bird

**Q95. In which year the first human heart transplantation took place?**

- (a) 1947
- (b) 1957
- (c) 1967
- (d) 1977

**Q96. What is the full form of AIDS?**

- (a) Access Immuno-Deficiency Syndrome
- (b) Acquired Immuno-Deficiency Syndrome
- (c) Acquired Immuno-Deficiency System
- (d) Acquired Immuno-Deficiency Sist

**Q97. Oral Glucose Tolerance test is used for determining**

- (a) Blood Sugar
- (b) Blood Pressure



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- (c) Obesity
- (d) Heart Attack

**Q98. Who has been considered as universal blood donor person?**

- (a) Person having O group blood
- (b) Person having A group blood
- (c) Person having B group blood
- (d) Person having AB group blood

**Q99. What is Li-Fi System?**

- (a) It is a traditional computer chip.
- (b) It is system relies on centralised light antennas.
- (c) It is a universal turing machine.
- (d) It is a single desktop computer.

**Q100. Who designed the polaroid instant camera?**

- (a) Edwin Land
- (b) William Clark
- (c) Michael Brack
- (d) Sir White