

# TNPSC GROUP – II PRELIMS

## GENERAL STUDIES (ENGLISH) - 2018

- Which one of the following is the correct composition of Brass?  
 (A) Cu – 50%; Sn – 50% (B) Cu – 60%; Zn – 40%  
 (C) Zn – 70%; Sn – 30% (D) Fe – 40%; Ni- 60%
- What is Phototropism?  
 (A) movement of plants towards chemicals  
 (B) movement of plants towards light  
 (C) movement of plants towards soil  
 (D) Response of plants for day length
- Match the following:  

Tribe				Region
(a) Masai	-			1. Angola
(b) Saami	-			2. Kenya
(c) Kalinga	-			3. Philippines
(d) Bush Men	-			4. Siberia

	(a)	(b)	(c)	(d)
(A)	2	4	3	1
(B)	2	1	3	4
(C)	1	2	3	4
(D)	4	3	2	1
- Who started Home Rule Movement in India?  
 (A) Annie Besant (B) Sathiya Moorthi  
 (C) E.V. Ramasamy (D) K. Kamaraj
- Tamil Books were printed firstly by whom?  
 (A) Rev Ziegenbanlg (B) Rev. Schwartz  
 (C) Rev. Grundler (D) Robert De Nobili
- The Portuguese Sailor who reached Calicut in 1498 A.D. Was?  
 (A) De Almeida  
 (B) Vasco da Gama  
 (C) Robert Clive  
 (D) Albuquerque
- On behalf of the Justice Party, who won and formed the ministry in 1923 Election?  
 (A) T.N. Sivagnanam Pillai  
 (B) P.Thiyagaraja Chettiyar  
 (C) T.M. Nair  
 (D) M.C. Raja

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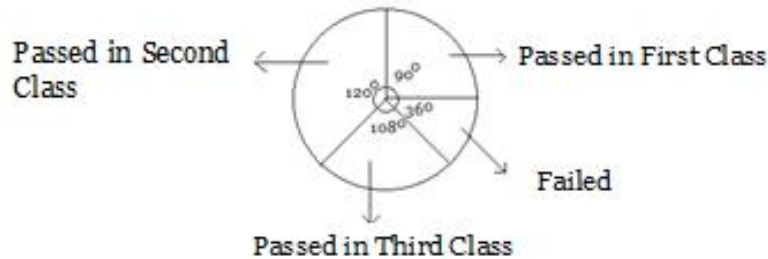
## GENERAL STUDIES (ENGLISH) - 2018

8. The institution of Lok – Ayukta was established first in the state of  
 (A) Gujarat (B) **Maharashtra**  
 (C) Rajasthan (D) kerala
9. Who said “The Directive Principle of State Policy is a Novel Feature” of the Indian Constitution?  
 (A) K.T. Shah  
 (B) **B.R. Ambedkar**  
 (C) Aladi Krishnaswamy Ayyar  
 (D) B.N. Rao
10. The Members of the Central Administrative Tribunal are given status of Judges of High Court from an Amendment in the Year:  
 (A) 2003 (B) 2004 (C) 2005 (D) **2006**
11. What is the aim of Pradhan Mantri Gram-Sadak Yojana?  
 (A) **Provide all Weather road connectivity**  
 (B) Provide all Weather to Tele communication connectivity  
 (C) provide Food Security in all seasons  
 (D) provide Education to all people
12. Identify the mismatch:  
 (A) White revolution - Milk  
 (B) Green revolution - Food Grains  
 (C) Blue revolution - Fish  
 (D) **Yellow revolution - Flowers**
13. National Agricultural policy aims at a growth rate of \_\_\_\_\_ % per year.  
 (A) 3% (B) **4%** (C) 6% (D) 8%
14. Find the area of the iron sheet required to prepare a cone 24 cm high with base radius 7 cm  
 (A) **704 cm<sup>2</sup>** (B) 702 cm<sup>2</sup> (C) 700 cm<sup>2</sup> (D) 668 cm<sup>2</sup>
15. The Sum of the series 31+33+ .... +53 is  
 (A) 729 (B) 341 (C) **504** (D) 604
16. The Value of  $\frac{9^2 \times 18^4}{3^{16}}$  is  
 (A)  $\frac{2}{3}$  (B)  $\frac{2}{3}$  (C)  **$\frac{16}{81}$**  (D)  $\frac{32}{243}$
17. The Cube root of 0.027 is  
 (A) 3 (B) 0.003 (C) 0.03 (D) **0.3**

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18. Given the pie chart. Obtain the pass percentage of student who passed in 1<sup>st</sup> Class.



- (A) 35%                      (B) 30%                      (C) 10%                      **(D) 25%**
19. The Crop which gets affected by pink ball worm is  
 (A) Banana                      (B) Wheat                      (C) Mango                      **(D) Cotton**
20. World's First block chain bond was launched by  
 (A) Reserve Bank of India                      **(B) World Bank**  
 (C) Hong Kong Bank                      (D) State Bank of India
21. Which of the following programme aims at the promotion of savings among rural women?  
 (A) Jawahar Rozgar Yojana                      (B) Pradhanmantri Mahila Yojan  
 (C) Rashtriya Mahila Kosh                      **(D) Mahila Samridhi**
22. Which of the following policy brings 5 Lakh acres under Organic Farming?  
 (A) Shyama Prasad Mukherji Rurban Mission  
**(B) Pramaparagat Krishi Vikas Yojana**  
 (C) Pradhan mantri Krishi Sichai Yojana  
 (D) PM Fasal Bima Yojana
23. 1 Femto is equal to \_\_\_\_\_ m.  
 (A)  $10^{-6}$                       **(B)  $10^{-15}$**                       (C)  $10^{-5}$                       (D)  $10^{-9}$
24. What is the value of gravitational field at the centre of the Sphere?  
**(A) Zero**                      (B)  $\frac{Mr}{G}$                       (C)  $\frac{GM}{r}$                       (D)  $-GM/r^2$
25. Which of the following is sensitive to ultrasonic waves?  
 (A) Man                      **(B) Bat**                      (C) Bird                      (D) fish
26. In Higher plants the sporophytic phase is formed after growth and development of the Zygote point out the type of cell division involved in this growth.  
**(A) Mitosis**                      (B) Meiosis  
 (C) Amitosis                      (D) Zygotic Meiosis

**Ans: A and D**

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27. Kuhne's tube can be demonstrate the process of  
**(A) Fermentation** (B) Germination of seeds  
 (C) Growth of plants (D) Aerobic respiration
28. Which of the following statements regarding soil are correct?  
 1. Soil is a dynamic natural element  
 2. It is composed of both mineral and organic matter  
 3. The Characteristics of soils depend on parent rock  
 4. All the soils having a well-developed soil profile.  
**(A) All are correct** (B) 1, 2 and 3 are correct  
 (C) 1, 2 and 4 are correct (D) 1, 2 and 4 are correct
29. Who was the founder of the Thiruchenkodu Ashram?  
 (A) E.V. Ramasamy Naicker (B) **Rajaji**  
 (C) Gandhiji (D) C.N. Annadurai
30. Annamalai University was started in the year?  
 (A) 1915 (B) **1929** (C) 1921 (D) 1945
31. Which congress conference was attended by Bhartiyar?  
**(A) Surat Conference** (B) madras Conference  
 (C) Bombay Conference (D) Lucknow Conference
32. Who extended co – operation of PuliTevar?  
**(A) The French** (B) The English (C) The Portuguese (D) The Dutch
33. Which one of the following Parliamentary Committee is Semi – Judicial in Nature?  
 (A) Committee on Petitions (B) Ethics Committee  
**(C) Committee on Privileges** (D) Rules Committee
34. The Constituent Assembly of India was set up according to the proposals of  
 (A) The Cripps Mission  
**(B) The Cabinet Mission Plan**  
 (C) The Mountbatten Plan  
 (D) The Nehru Plan
35. Metro Rail service is available in  
 1. Chennai 2. Coimbatore 3. Trichy 4. Madurai  
**(A) I Only** (B) I and IV (C) I and II (D) II and III
36. At the rate of interest compound interest per annum will Rs. 640 amounts to Rs. 7774.40 in 2 years  
 (A) 8% (B) 9% (C) **10%** (D) 11%

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### GENERAL STUDIES (ENGLISH) - 2018

37. A Circus tent is cylindrical to a height of 3 m and conical above it. If the base radius is 52.5 m and slant height of the cone is 53m, find the area of canvas required to make the tent.  
 (A)  $315 \pi m^2$                       **(B)  $3097.5 \pi m^2$**       (C)  $2782.5 \pi m^2$       (D)  $2997.5 \pi m^2$
38. Complete the series 1ZA, 3YB, 6 XC, 10WD,  
 (A) 14 VE                      (B) 15 UE                      (C) 12 VE                      **(D) 15 VE**
39. The Product of two numbers is 1600 and their H.C.F. is 5, the L.C.M. of the number is  
**(A) 320**                      (B) 1605                      (C) 1595                      (D) 8000
40. The Principal amount triples itself at 8% per annum over a certain time. Find the number of years.  
 (A) 20 years                      **(B) 25 years**                      (C) 30 years                      (D) 35 years
41. What number should be subtracted from each of the numbers 54, 71, 75 and 99 so that the remainders may be proportional?  
 (A) 1                      (B) 2                      **(C) 3**                      (D) 6
42. Find the difference between simple interest and compound interest for a sum of Rs. 8,000 lent at 10% p.a in 2 years.  
 (A) Rs. 70                      **(B) Rs. 80**                      (C) Rs. 90                      (D) Rs. 100
43. The National fruit which is common for Philippines, Pakistan and India is  
 (A) Banana                      (B) Fig                      **(C) Mango**                      (D) Jack
44. NREGA gives guaranteed employment for  
 (A) 50 days                      **(B) 100 Days**                      (C) 150 Days                      (D) 200 Days
45. The Concept of Goods and Services Tax (GST) was originated from  
**(A) Canada**                      (B) USA                      (C) Britain                      (D) Germany
46. Golden Handshake scheme is associated with  
 (A) Establishing Joint enterprises  
 (B) Inviting Foreign Companies  
 (C) private Investment in Public Enterprises  
**(D) Voluntary Retirement**
47. Which of the following scheme has the objective to skill 1 crore youth in the next three years?  
 (A) Start up, stand up  
**(B) PM Kaushal Vikas Yojana**  
 (C) MNREGA  
 (D) Deen Dayal Upadhyay Kaushalya Yojana

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## GENERAL STUDIES (ENGLISH) - 2018

48. What is the basic concept of Raman Effect?  
 (A) reflection  
**(B) incoherent scattering**  
 (C) Coherent scattering  
 (D) Refraction
49. The Epsom salt which is used as laxative is  
**(A)  $MgSO_4 \cdot 7H_2O$**  (B)  $CaSO_4 \cdot 2H_2O$   
 (C)  $ZnSO_4 \cdot 7H_2O$  (D)  $CuSO_4 \cdot 5H_2O$
50. Match the following:
- |                     |   |                |
|---------------------|---|----------------|
| (a) Ranthambore     | - | 1. Assam       |
| (b) Manas           | - | 2. Jharkhand   |
| (c) Nagarjuna Sagar | - | 3. Andhra      |
| (d) Palamala        | - | 4. Rajasthan   |
| (e) Indravathi      | - | 5. Chattisgarh |
- |            |          |          |          |          |          |
|------------|----------|----------|----------|----------|----------|
|            | (a)      | (b)      | (c)      | (d)      | (e)      |
| <b>(A)</b> | <b>4</b> | <b>1</b> | <b>3</b> | <b>2</b> | <b>5</b> |
| (B)        | 4        | 2        | 1        | 3        | 5        |
| (C)        | 1        | 4        | 3        | 5        | 2        |
| (D)        | 3        | 1        | 4        | 2        | 5        |
51. Humboldt ocean current is otherwise known as  
 (A) Kuroshio current (B) oyashio Current  
**(C) Peru Current** (D) Florida current
52. 'Sea Smoke' is common in?  
 (A) Equatorial region (B) Desert Region  
 (C) Atlantic Ocean **(D) Artic Region**
53. Who converted mahendra Varma I from Jainism to Saivism?  
 (A) Sambandar **(B) Appar** (C) Sundarar (D) perundevar
54. Name the Chieftain who patronized Kabilar  
 (A) Ay (B) Adhiyan **(C) Pari** (D) Anji
55. Where was the first Indian national Congress met?  
 (A) Delhi **(B) Bombay** (C) Calcutta (D) Madras
56. The Forward Block Party was started by whom?  
**(A) Subash Chandra Bose** (B) Motilal Nehru  
 (C) Rajaji (D) Raja Ram Mohan Roy

## TNPSC GROUP – II PRELIMS

### GENERAL STUDIES (ENGLISH) - 2018

57. The Idea of concurrent list was borrowed from?  
 (A) British Constitution (B) Canadian Constitution  
 (C) Irish Constitution **(D) Australian Constitution**
58. In which year the parliament enacted the Official language Act?  
 (A) 1955 (B) 1965 **(C) 1963** (D) 1957
59. When was the “Industrial finance Corporation of India” established in india?  
 (A) January 1,1950 **(B) July 1, 1948**  
 (C) June 5, 1951 (D) May 1, 1950
60. Which is the biggest nationalized enterprise?  
 (A) Bharat Sanchar Nigam Limited (B) Indian Post Department  
**(C) Indian Railways** (D) oil and natural Gas Commission
61. In How many years will sum of Rs. 1600 amount to Rs. 1852.20 at 5% per annum compound interest?  
**(A) 3** (B) 4 (C) 5 (D) 6
62. Simplify  $\left[-\frac{1}{3}\right] - \left\{1 \div \left(\frac{2}{3} \times \frac{5}{7}\right) + 8 - \left[5 - \frac{1}{2} - \frac{1}{4}\right]\right\}$   
 (A)  $2\frac{21}{60}$  **(B)  $-5\frac{41}{60}$**  (C)  $5\frac{41}{60}$  (D)  $-2\frac{21}{60}$
63. Find the G.C.D of  $a^3 - 1$  and  $a^2 - 1$   
 (A)  $a^2 - 1$  (B)  $a^2 + 1$  (C)  $a^3 - 1$  **(D)  $a - 1$**
64. What percent is 5 grams of 1 kg?  
 (A) 5% (B) 1% **(C) 0.5%** (D) 0.2%
65. If  $\frac{a+b}{c} = \frac{b+c}{a} = \frac{c+a}{b} = k$ , Then the value of  $k$  is  
 (A) 0 (B) 1 **(C) 2** (D)  $a+b+c$
66. The ration of boys to girls in a class is 4:5. if the number of boys is 20, then the number of girls is  
 (A) 15 (B) 20 **(C) 25** (D) 26
67. India’s First Bio – Fuel flight was operated between  
**(A) Dehradun to Delhi** (B) Dehradun to Mumbai  
 (C) Dehradun to Kolkata (D) Dehradun to Chennai
68. In Which of the following states, more number of people were affected by 2018 monsoon?  
**(A) Kerala** (B) Assam  
 (C) Andhra Pradesh (D) megalaya

# TNPSC GROUP – II PRELIMS

## GENERAL STUDIES (ENGLISH) - 2018

69. Which among the following industries generates invisible exports?  
(A) Fishing (B) **Tourism** (C) Jewellery (D) Handicrafts
70. Which of the following agricultural commodity of India gives largest interms of export value?  
(A) Tea (B) **Basmathi Rice**  
(C) Spices (D) Cotton
71. According to 2018 – 2019 budget report, India is at third rank in  
(A) **Purchasing Power Parity (PPP)**  
(B) Gross Domestic Product (GDP)  
(C) Agricultural Production  
(D) Foreign Direct Investment (FDI)
72. Which Currency is recently added in the currency basket of IMF?  
(A) Japanese yen (B) **Chinese yuan**  
(C) Indian Rupee (D) Brazilian Dollar
73. What happens in the reduction process?  
(A) Loss of electrons (B) **Gain of electrons**  
(C) loss of hydrogen (D) Gain of oxygen
74. Galena is the ore of which of the following metals?  
(A) Silver (B) **Lead** (C) Gold (D) iron
75. A Preparation of Living (or) killed micro – organism (or) viruses used in prevention of disease through immunization is called  
(A) Toxoid (B) **Vaccine** (C) Viremia (D) Anti – toxin
76. The source of energy in any eco – system are  
(A) osmotrophs (B) Autotrophs (C) **Lithotrophs** (D) Hetrotrophs
77. The Acid Rain Destroys the Vegetation, because it contains  
(A) Nitrates (B) Ozone  
(C) Carbon Monoxide (D) **Sulphuric Acid**
78. Name of the place where the River Ganga and Yamuna Joins?  
(A) **Allahabad** (B) Hyderabad (C) Delhi (D) Agra
79. Name the dam constructed across the River Sutlej  
(A) Hirakud dam (B) **Bakra Nangal Dam**  
(C) Kosi Dam (D) Mettur dam
80. In which year Madras Mahajana Sabha was started?  
(A) 1881 (B) 1882 (C) 1883 (D) **1884**



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## GENERAL STUDIES (ENGLISH) - 2018

81. Where was the first nuclear reactor of Asia established?  
(A) People's Republic of China (B) Japan  
(C) Taiwan (D) **India**
82. Who assumed the title "Chitrakara Puli"  
(A) Rajaraja I (B) Narshima I  
(C) **Mahendra Varman I** (D) Nandhi Varman
83. Which Act Provided provincial Autonomy to India?  
(A) Rowlatt Act - 1919  
(B) Minto – Morley Reform Act - 1909  
(C) **The Government of India Act – 1935**  
(D) Montagu – Chelmsford Reform Act – 1919
84. Whom of the following was the chief Organizer of the Revolt of 1857 in Bihar  
(A) Amar Singh (B) **Kunwar Singh**  
(C) Pir Ali (D) Imaduddin
85. Which one is not part of the Panchayat Raj?  
(A) Smiti (B) Village (C) **Township** (D) Zila Parishad
86. Which part of the Indian Constitution deals with Fundamental Duties?  
(A) Part II (B) Part III (C) **Part IV A** (D) Part V
87. As per 2011 census the total urban population in the state of Tamil Nadu is  
(A) 27.48 million (B) **34.95 million** (C) 36.04 million (D) 42.50 million
88. Which district of Tamil Nadu produces the highest output of food grains?  
(A) **Villupuram** (B) Cuddalore  
(C) Thanjavur (D) Nagapattinam
89. Area of a square is  $\frac{1}{2}$  hectare. The diagonal of the square is  
(A) 250 metres (B) **100 metres** (C)  $50\sqrt{2}$  metres (D) 50 Metres
90. The Surface areas of two spheres are in the ration 9: 25. Then their volumes are in the ratio  
(A) 27:25 (B) **27:125** (C) 81: 625 (D) 729: 15625
91. A Man sells two wrist watches at Rs. 594 each. On one he gains 10% and on the other he loses 10% find his gain or loss percent on the whole  
(A) Loss% = 90% (B) Gain % = 5% (C) **Loss % = 1%** (D) Loss% = 7%

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92. Simplify  $\frac{(3^3)^{-2} x (2^2)^{-3}}{(2^4)^{-2} x 3^{-4} x 4^{-2}}$   
**(A)  $7\frac{1}{9}$**  (B)  $7\frac{1}{8}$  (C)  $6\frac{2}{9}$  (D)  $6\frac{3}{8}$
93. 6 men working 10 hours a day can do a piece of work in 24 days. In how many days will 9 men working for 8 hours a day do the same work?  
 (A) 10 Days (B) 15 Days **(C) 20 Days** (D) 25 Days
94. A can finish a job in 20 days and B can complete it in 30 days. They work together and finish the job. If Rs. 600 is paid as wages, then the share of A and B  
 (A) 240, 360 (B) 300,300 **(C) 360, 240** (D) 400,200
95. If the average of the values 18, 41, X 36, 31,24,37,35,27,36 is 31. Find the value of x.  
**(A) 25** (B) 24 (C) 30 (D) 26
96. In which city the first Nepal – India “Think tank Summit” was held?  
 (A) New Delhi **(B) kathmandu** (C) Dehradun (D) Kolkata
97. The campaign to create awareness among children to identify sexual abuse is  
 (A) Safety is in your hands **(B) Our Safety, Our Rights**  
 (C) Save Child, Save Future (D) Child Safety in police Hand
98. Black revolution is related to  
 (A) Fish production (B) Coal Production  
**(C) Crude Oil Production** (D) Mustard Production
99. Budget 2017 has proposed \_\_\_\_\_ as the front office for issuing passport in far flung areas:  
 (A) Airport (B) Telegraph Office  
**(C) Post Office** (D) Railway station
100. The Facility announced for senior citizens in Budget 2017 – 2018 is  
**(A) Aadhar enabled smart card** (B) BHIM APP  
 (C) Shakthi Kendras (D) Pension Scheme