

TNFUSRC Forester, Forest Guard Model Question Paper GS - 1

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- Who founded the chola empire?
A)Rajadhiraj B)Rajaraja
C)Rajendra I **D)Vijayalaya**
- The single most import item of the chola empire was
A)Dye stuff **B)Horses**
C)Precious stones D)Metal wares
- Narasimha Varma pallavan is remembered mainly because of the
A)Various conquests
B)The visit of Hieun Tsang
C)Naval Experditions
D)Construction of Mamallapuram
- What is the name of the land donated to families of soldiers who lost their lives in war by Pandiya Kings
A)Uthirapatti B)Nivantham
C)Bhrammadeyam D)Tiruvidayattam
- Which one of the following were parts of the chera Kingdom?
A)Saliyur B)Korkkai
C)Musiri D)Puhar
- ___was also known as Mamalla, which means great Wrestler?
A)Narasimhavarman I
B)Narasimhavarman II
C)Raja Rajan –I
D)Kulothungan
- The chola king ___ defeated the last pallava ruler Aparajita and seized the kanchi region
A)Raja Raja chola I
B)Rajendra Chola I
C)Aditya I
D)Aditya II
- Who was the first ruler in the Chola-Chalukya line?
(A) Raja Raja II (B) Vikrama chola
(C) Kulothunga I (D) Adhi Rajendran
- Which of the following was the lowest unit of Chola administration?
A)Mandalam B)Valanadu
C)Kottam **D)Kurram**
- The new element of Gopuram was encouraged in temples of South India by
A)Cholas B)Chalukyas
C)Pallavas **D)Pandya**
- During the period of Pandiya's, the village administration was looked after by
A)5 variyams B)6 variyams
C)Army chiefs D)Nanaya variyam
- Mahendravarman I is titled as
A)Chittirakkarapuli B)Parantaka –I
C)Uttama Chola D)Muttaraiyar
- Who was not a successors of parantaka – I
A) Gadaraditya B) Arinjaya
C) Uttama Chold **D) Karikala chola**
A)Hoysala B)Pandya
C)Chola D)Chalukya
- Who among the following rulers belonged to pallavas of Prakrit charter?
A)Virakurchavarma B)Nandivarma
C)Mahendravarma D)Narasimhavarma
- Find out the correct statement about Mahendravarman I
I) Saint Appar embraced Jainism due to Mahandravarma – I's influence
II) He constructed the cities to Mahendramanagalam and Mahendravadi.
A) I **B) II**
C) I, II D) None of these
- Bharathanatiam was developed during the period of

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- A)Chola's
C)Chera's
- B)Pandiya's
D)Govinda –II
17. Mattavilasa Prahasanam is composed by
A)Narasimhavarman II
B)Mahendravarman I
C)Pulakesin II
D)Vishnugupta
18. The ___ were of kannada origin and kannada language was their mother tongue
A)Pallavas
C)Rashtrakutas
B)Pandyas
D)Cholas
19. The commentary called Dakshinchitra was compiled during the region of
A)Mahendravarman I
B)Mahendiravarman II
C)Mahendravarman III
D)Kulothungan
20. The centre of Sanskrit learning during the pallava period was
A)Kanchi
C)Ramanathapuram
B)Madurai
D)Palayamkottai
21. Recently patent rights was given to which plant in America
A)Ginger
C)Onion
B)Garlic
D)Turmeric
22. Photosynthesis is a bio chemical process for the transfer of solar energy to
A)Nitrogen cycle
C)Petrological cycle
B)Hydraulic cycle
D)Food chain cycle
23. Viruses are chemically called as
A)Carbhohydrates
C)Lipo polysaccharides
B)Nucleo proteins
D)Glyo proteins
24. Find the missing number:
1, 3, 6, 10, ?, 21,
A) 16
C) 20
B) 15
D) 17
25. $129^2 - 29^2 = ?$
A) 12000
B) 15000
C) 15800
D) 10000
26. In 1928 a committee consisting of eight, was constituted to draw up a blue print for the future constitution of India. It was headed by
A) C.R. Doss
B) Lal Bahadur Shastri
C) Motilal Nehru
D) Mohammad Ali Jinnah
27. The last Deputy Chairman of Planning Commission of India was
(A) Manmohan singh
(B) Narendra Modi
(C) Arun Jaitley
(D) Montek Singh Ahluwalia
28. The government of India instituted Bharat Ratna and Padma Shri awards under
(A) Article 14 of the Indian constitution
(B) Article 18 of the Indian constitution
(C) Article 25 of the Indian constitution
(D) Article 32 of the Indian constitution
29. The value of $\frac{x^2-2x}{x^2+2x} \times \frac{3x+6}{x-2}$
(A) 3x
(C) 3x + 2
(B) 3
(D) x - 2
30. The value of $\frac{x^3-1}{x+3} \div \frac{x^2+x+1}{3x+9}$
(A) 3x-1
(C) 3(x-1)
(B) 3(x + 1)
(D) 3x + 2
31. If A = +, B = ÷, C = x and D = - then what is the value of $\frac{1}{5}C2B\frac{1}{5}A\frac{1}{5}D\frac{1}{10}=?$
(A) 2.1
(C) 2.5
(B) 1.2
(D) 1.6
32. $x^{3/2} = 16: \sqrt{x}$. What is the value of x?
(A) ±16
(C) ±4
(D) ±12
(B) ±3
33. What is the 85* term of the sequence x, x^{3/2}, x², x^{5/2}
A. $x^{\frac{85}{2}}$
B. $x^{\frac{45}{2}}$

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34. What is the 21st term of the sequence 100, 95, 90, 85.....?
 (A) 10 (B) 20
(C) 0 (D) 5
35. Simplify: $\frac{2x^4-162}{(x^2+9)(2x-6)}$
 A. $X^2 + 9$ (B) $X + 2$
 C. $X + 6$ (D) $X - 6$
36. The value of $\left(\frac{1}{4}\right)^{-2} - 3 \times 8^{2/3} \times 4^0 + \left(\frac{9}{16}\right)^{-1/2}$ is
(A) $5\frac{1}{3}$ (B) $5\frac{1}{2}$
 (C) $6\frac{1}{5}$ (D) $7\frac{1}{2}$
37. If $2x + 3y - 13$ and $y = \frac{6}{x}$ then the value of $8x^3 + 27y^3$ is
 (A) 693 **(B) 793**
 (C) 893 (D) 0
38. When the Constitution Act 1992 known as 73rd Amendment came into force
 (A) October 2, 1992
 (B) September 16, 1991
(C) April 24, 1993
 (D) April 16, 1994
39. Simplify: $\sqrt{48} - 3\sqrt{72} - \sqrt{27} + 5\sqrt{18}$
 (A) $\sqrt{2} + \sqrt{3}$ (B) $\sqrt{2} - \sqrt{3}$
 (C) $-\sqrt{2} + \sqrt{3}$ **(D) none of these**
40. 11, 16, 24, 35, 49, ?
 (A) 62 (B) 63
 (C) 64 **(D) 66**
41. Find the missing term :
 17, 19, 23, 29, ?, 37
(A) 31 (B) 33
 (C) 35 (D) 36
42. Simplify : $\frac{5x+20}{7x+28}$
 (A) $\frac{4}{7}$ **(B) $\frac{5}{7}$**
 (C) $\frac{7}{5}$ (D) $\frac{7}{4}$
43. "Mukhyamantri Mahila Kosh" scheme that will offer pension to unmarried women above 50 years of age in which state?
A) Madhya Pradesh (B) Maharashtra
 C) Gujarat (D) Uttar Pradesh
44. "Suvidha" the 100% Oxo – Biodegradable sanitary pad launched under which of the following scheme?
A) PMBJP (B) PMJAY
 C) PMSMA (D) PMSSY
45. Which of the following city secured the first position among the top 20 costliest cities in the world?
 A) Newyork (B) London
C) Monaco (D) Hongkong
46. Who is the first Indian to win Pritzker prize which is architecture's highest honour?
 A) Aga Khan
B) Balkrishna Vithal das
 C) Ram Krishna
 D) Ravi Krishna
47. Floating lab set up to monitor loktak lake in which of the following state?
A) Manipur
 B) Meghalaya
 C) Himachal Pradesh
 D) Arunachal Pradesh
48. Banaswadi became first all woman railway station south western railway zone is in which state?
 A) Andhra Pradesh (B) Kerala
 C) Telegana **D) Karanataka**
49. _____ Academy awards ceremony popularly known as Oscar awards 2018 held in Los Angeles, USA.
 A) 89th (B) 88th (C) 91st **D) 90th**
50. Seema Punia is related with which sport?
A) Discuss Throw (B) Shotput

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- C) Javelin throw D) Longjump
51. Founding conference of International Solar alliance held in which city?
A) Gurugram B) Amristar
C) Newdelhi D) Mumbai
52. "Soldierathon" a special marathon aimed at raising funds for welfare of Indian soldiers and their families held in which city?
A) Mumbai B) Bengaluru
C) Kolkata **D) Newdelhi**
53. Which of the following team won Deodhar Trophy 2017 -18?
A) India A **B) India B**
C) Karnataka D) Mumbai
54. As per world bank's biannual publication India's Gross Domestic Product (GDP) growth for FY 2018 – 19 is projected at how many percent?
A) 7.1% B) 7.2% **C) 7.3%** D) 7.4%
55. India and which country joint team wins Newton – Bhabha fund for ground water Arsenic research project?
A) USA **B) UK**
C) France D) Australia
56. National School of Drama (NSD) hoisted 8th edition of theatre Olympics in which city?
A) Newdelhi **B) Mumbai**
C) Hyderabad B) Bengaluru
57. Indo French Joint naval exercise Varuna 2018 held in which state?
A) Andhra Pradesh B) Telegana
C) Goa D) Tamilnadu
58. International Day of happiness observed on?
A) March 17 B) March 18
C) March 19 **D) March 20**
59. Who has been won the men's singles title in Indian wells 2018 Tennis in USA?
A) Roger federer
B) Juan Martin Del Porto
- C) Novok Djokovich
D) Kevin Anderson
60. The value of $\frac{(x-y)^3+(y-z)^3+(z-x)^3}{9(x-y)(y-z)(z-x)}$
(A) $\frac{1}{12}$ (B) $\frac{1}{9}$
(C) $\frac{1}{3}$ (D) 1
61. What comes next?
 $a, (a^2+1), ((a^2+1)^2+1), \dots$
(A) $((a^2+1)^2+1)^2$
(B) $((a^2+1)^2+1)^{2+12}$
(C) $((a^2+1)^2+1)^{2+1}$
(D) $((a^2+1)^2+1)+1$
62. Find the value of $\frac{\sqrt[3]{729}-\sqrt[3]{27}}{\sqrt[3]{512}+\sqrt[3]{343}}$
(A) $\frac{2}{5}$ (B) $\frac{3}{7}$
(C) $\frac{6}{4}$ (D) $\frac{5}{2}$
63. Find the value of $(4.9)^2$
(A) 24.81 (B) 24.09
(C) 20.01 **(D) 24.01**
64. Match the terms given in List-I with given in List-II (Special Names) and select the correct answer using the codes given below the lists:
- | List-I | List-II |
|----------------------------------|-------------------|
| A) Power House | - 1. ER |
| B) Protein Factory | - 2. Mitochondria |
| C) Demolition Squads | - 3. Ribosomes |
| D) Transport system | - 4. Lysosomes |
| A B C D | |
| A) 2 3 4 1 | |
| B) 1 3 2 4 | |
| C) 3 4 1 2 | |
| D) 4 1 3 2 | |
65. A dot can be filled with _____
amoebae
A) 17,000 **B) 70,000**
C) 6,50,000 D) 7,50,000

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66. Find the odd one out based on their types of nutrition
- A) Cuscuta B) leech
C) Mushroom D) Roundworms
67. Who is first discovered the cells in living organisms?
- A) Robert Hooke B) Robert Brown
C) J.E. Purkinje **D) Leeuwenhoek**
68. Write in the Ascending order based on the heart chamber
- i) Fish ii) Frog
iii) Snake iv) Mammals
v) Birds
- A) iv > iii > ii > i > v B) iv > iii > ii = i > v
C) iv = v > ii = iii > i D) iv > v > iii > i = ii
69. Which of the following microbes are involved in biological nitrogen fixation?
- i) Nostac ii) Anabaena
iii) Clostridium iv) Chlorella
- Select the correct answer using codes gives below:**
- A) i, ii, iii** B) i, iii, iv
C) i, iv D) All the above
70. Read the following Pairs of examples of organisms which is belongs to the group of Prokaryotes
- A) Mushroom & Sponge
B) Penicillium & Spirogyra
C) Yeast & Amoeba
D) Bacteria & Blue-green algae
71. The plants under the special type of nutrition cannot prepare food due to _____ deficiency.
- A) Nitrogen** B) Phosphorous
c.)Potassium D) Iron
72. Read the following sentences and Identify the correct answer given below the lists:
- i) Nuclear Membrane is also called as Selectively Permeable Membrane.
- ii) Ingestion, Digestion, Absorption & Assimilation are the various stages of nutrition in Plants.
- iii) Types of nutrition in plants are four.
- iv) Preparation of sugar by plants with the help of Sunlight, CO₂, H₂O and Chlorophyll is Photosynthesis.
- A) iii, iv B) ii, iii, iv
C) ii, iv D) All the above
73. Types of animals based on nutrition is,
- A) 3** B) 4
C) 2 D) 5
74. Ribosomes present in Prokaryotic cell is _____
- A) 80S **B) 70S**
C) 70S & 80S D) 90S
75. ATP Means
- A) Adenosine Tri Phospate**
B) Adenosine Tetra Phosphate
C) Adenosine Tri Phosphorus
D) Adenosine Tetra Phosphorous
76. Who was the chairman of drafting committee?
- A)N.Gopalasamy B)K.M.Munshi
C)N.Madhava rao **D)Dr.B.R. Ambedkar**
77. Which act is associated with “courts an interpret the rules and regulations”?
- A)Regulation act of 1773
B)Pitts india act of 1784
C)Charter act of 1793
D)Charter act of 1893
78. For the first time Indian legislature was made “Bi-cameral” under:
- A)Government of India act, 1861
B)Government of India act, 1892
C)Government of India act, 1915
D)Government of India act, 1919
79. “The constitution should give India domination status”, was a proposal in?
- A)Cabinet mission plan

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- B)Cripps mission**
C)The mountbatten plan
D)Simon commission
80. Under which act, the councils were having the power to discuss the budget and addressing question to the executive.
A)Government of India act, 1858
B)Government of India act, 1861
C)Government of India act, 1892
D)Government of India act, 1915
81. How much time it took for constituent assembly to finalize the constitution?
A)2 years 11 months 18 days
B)2 years 9 months 8 days
C)2 years 7 months 18 days
D)2 years 5 months 20 days
82. Setting a supreme court was Calcutta is part of?
A)regulation act of 1777
B)Pitts india act of 1784
C)Charter act of 1793
D)Charter act of 1893
83. The constitution of India is
A)Written
B)Unwritten
C)Neither written nor unwritten
D)None of these
84. The Indian constitution is
A)Federal in normal times and unitary during emergency
B)Federal
C)Unitary
D)Mixture and unitary
85. The farmers of the Indian constitution borrowed the concept of fundamental rights from the
A)Constitution of USA
B)Constitution of Soviet Russia
C)Irish constitution
D)Constitution of canada
86. On what principle is the Indian constitution framed?
A)Sovereignty of the states
B)Sovereignty of the people
C)Sovereignty of parliament
D)None
87. Directive principles of state policy are directly concerned with
A)Fundamental rights
B)Fundamental duties
C)Gandhian principles
D)Preamble
88. In India, the legal sovereignty lies in the
A)President
B)Parliament
C)Electorate
D)Prime minister
89. The Indian constitution is a
A)Brief constitution
B)Medium size constitution
C)Bulkiest constitution
D)Very brief constitution
90. K.M.Munshi was related to
A)Constitution draft committee
B)Preamble committee
C)Public accounts committee
D)None of the following