

TNUSRB SI Fingerprint – Model Question Paper 1

1. What J.B Dunlop invented?
A) **Pneumatic rubber tire**
B) Automobile wheel rim
C) Rubber boot
D) Model Airplanes
2. For over 500 years, paper was only available and solid as single sheets. In 1902, an inventive Australian used half size sheets of paper, a bit of glue and cardboard to create what?
A) **Notepad** B) Calendar
C) Notice Board D) Telephone Book
3. MIRV stands for
A) Multi dimensional Independent Reentry Vehicle
B) Multi directional Independently Reoriented Vehicle
C) **Multiple Independently –targetable Re entry Vehicle**
D) Multi-purpose Integrally-targeted Revolutionary Vehicle
4. The largest part of Fore brain is called
A) **Cerebrum** B) Thalamus
C) Hypothalamus D) Hippocampus
5. The exchange of gases between inhaled air and blood is referred as
A) Cellular respiration
B) **External respiration**
C) Internal respiration
D) Circulatory respiration
6. The disease carrying agents are called as
A) **Vectors** B) Pathogens
C) Symptoms D) Reservoirs
7. Leaf blind in Rice is caused by
A) Virus B) **Bacteria**
C) Fungus D) Protozoa
8. Vitamin A is called
A) Thiamine B) **Ratinol**
C) Riboflovin D) Pyridoxin
9. A cross between two parents that differed in a single pair of related characters is called
A) Dihybrid B) **Monohybrid**
C) Reciprocal cross D) Test cross
10. Gaseous planets
I. Mercury, Venus II. Jupiter, Saturn
III. Earth, Mars IV. Uranus, Neptune
(A) I, II (B) II, III
(C) I, III (D) **II, IV**
11. Find out the wrong statement
I. Pluto, Charon, Ceres, Eris were Dwarf plants
II. Dwarf plantes grouped at 2006
III. Dwarf planets revolves around the sun and earth
IV. Dwarf planets sizes is smaller than that of our moon
(A) I wrong (B) II wrong
(C) **III wrong** (D) IV wrong
12. The plant that can be viewed only through a telescope is
(A) Mercury (B) **Uranus**
(C) Mars (D) Venus
13. Where is India's 13th Oil Refinery setup?
A) **Narimanam** B) Kalpakkam
C) Trivandrum D) Srinagar
14. Living chemistry is
A) **Carbon chemistry**
B) Hydrogen chemistry
C) Organic chemistry
D) Inorganic chemistry
15. How many seats are reserved for scheduled Castes to Lok sabha in India as per Representation of People (Amendment) Act, 2008?
A) 79 (B) **84**
C) 90 D) 95

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16. Name the largest river in South India?
A) **Godavari** B) Krishna
C) Cauvery D) Mahanadi
17. Which article of the Indian Constitution ensure equality before law?
A) Article 13 B) Article 12
C) **Article 14** D) Article 20
18. Indira Gandhi Centre for Atomic Research (IGCAR) is situated in?
A) Kundankulam, Tamilnadu
B) **Kalpakkam, Tamilnadu**
C) Tara pore, Maharashtra
D) Kaiga, Karnataka
19. Which of the following ministry launched “Prakriti Jhoj”?
A) Women and Child Ministry
B) Sports Ministry
C) **Environment Ministry**
D) Power Ministry
20. The Chief Election Commissioner is appointed for the period of?
A) 5 B) 7
C) 4 D) **6**
21. The permanent seat of supreme court is in
A) Mumbai B) Kalkata
C) **Delhi** D) Kanpur
22. The basic purpose of Panchayat Raj is
A) to give posts for party members
B) **Democratic decentralization**
C) to collect taxes directly
D) None
23. Which one of the following has connection with Ajanta Caves?
A) Panchatantra B) **Jatakas**
C) Patali D) Karla
24. Which of the following is called as “Temple City”?
A) **Dwarka** B) Aithole
C) Srinagar D) Badami
25. SI unit of force is
A) Amphere B) **Newton**
C) Hertz D) None of these
26. Untouchability is a/an ___evil
A) **Social** B) Economic
C) political D) Religious
27. Number of amino acids that can be synthesized by the human body is
A) 25 B) 15
C) **20** D) 10
28. Under which High Court Andaman and Nicobar islands come?
A) Madras B) **Calcutta**
C) Kerala D) Andhra
29. The Founder of the Dravida Kazhagam was?
A) VOC B) Subramaniam
C) Annadurai D) **E.V.R.Periyar**
30. The speed of light will be minimum while passing through
A) **Glass** B) Vacuum
C) Water D) Air
31. In India where could one find the largest number of people living below the poverty line?
A) Madhya Pradesh B) Rajasthan
C) Delhi D) **Bihar**
32. Which is the fastest spreading disease?
A) **Malaria** B) Plague
C) Polio D) Leprosy
33. Name the Newspaper started by Annie Besant?
A) Young India B) **New India**
C) India D) Sudesi
34. India Navy to use US air craft launch system named as?
A) EMALS B) **CATOBAR**
C) SAAW D) LARSET
35. Who has elected as president of the Institute for Defense Studies and Analysis(IDSA)?

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- A) Rajeev kumar
B) Nirmala sitaraman
C) Singh
D) Shyan Kamal Mukherjee
36. Which of the following bank has launched an instant international payment service using ripple net?
A) **Axis bank** B) ICICI bank
C) HDFC bank D) HDFC bank
37. Which of the following country unveiled Asia's largest Island building vessel?
A) **China** B) Japan
C) Indonesia D) India
38. Bajrang punia and vinoid kumar bags silver U23 world wrestling championship held in?
A) Argentina B) Spain
C) Thailand **D) Poland**
39. Inventor of the first dynamo
A) Galileo B) Newton
C) Faraday D) Flemming
40. Kilowatt is the unit of
A) potential difference **B) electric power**
C) electric energy D) charge
41. South Indian liberal federation is otherwise known as the
A) Dravidan party B) Janatha party
C) Telugu Desan **D) Justice party**
42. Kamaraj was famous for his policy
(A) 'S' plan (B) 'L' plan
(C) 'K' plan (D) 'J' Plan
43. At the time of Gandhiji death who remarked, 'The light has gone out of our lives and there is darkness everywhere'
(A) Nethaji **(B) Nehru**
(C) Tilak (D) Patel
44. Which was famous for silk.
A) Bengal **B) Benares**
C) Kashmir D) Ludhiana
45. Who first coined the word "Industrial Revolution"?
A)Arnold Toynbee B)Lenin
C)Stalin D)Lincoln
46. Who can be called as the father of local self government in India?
A)Lord Minto B)Lord Curzon
C)Lord Defferin **D)Lord Rippon**
47. The first Municipal Corporation in India was established in
A)Delhi
B)Madras[Chennai]
C)Hyderabad
D)Bombay[Mumbai]
48. What is the main crop of Arunachal Pradesh?
A)Paddy B)Wheat
C)Barley D)Ragi
49. Who rejected untouchability but justified Varna system
A) Kamarajar **B) Gandhiji**
C) Ambedkar D) Periyar
50. The Union parliament and state Legislature have the powers to make laws in respect of
A)State List B)Union List
C)Concurrent List D)None
51. Amarkantak a plateau is in the state of
A)Gujarat **B)Madhya Pradesh**
C)Maharashtra D)Rajasthan
52. What is the important function of Parliament?
A)Governing
B)Law making
C)Collecting taxes
D)Criticising Government
53. Which soil swell when wet and develops cracks when dry?
A)Alluvial Soil B)Red soil
C)Black Soil D)Laterite Soil

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54. India's first underwater metro tunnel will come up in which of the following Indian city?
A) Allahabad **B) Kolkata**
C) Pune D) None
55. In Tamil Nadu the atomic power project is located at
A)Mettur **B)Kalpakam**
C)Narimanam D)Kayathar
56. The GST council announced a sharp cut in GST rates on the merchant services at _____% from 18%
A) 3 B) 4 **C) 5** D) 6
57. The Narmada river rises near
A)Amarkantak B)Nagpur
C)Abu D)Betul
58. Which of the following day has the theme 'Cultural Heritage and Sustainable Tourism' in the year 2017?
A) World Environment Day
B) World Earth Day
C) World Heritage Day
D) World Meteorological Day
59. Bimbisara belongs to which dynasty?
A) Haryanka Dynasty
B) Shisunaga Dynasty
C) Nanda Dynasty
D) Mourya Dynasty
60. Asia's largest optical telescope is situated in
(A) Kavalur in Tamilnadu
(B) Hanle in Ladakh
(C) Devasthal near Nital
(D) Indore in Madhya Pradesh