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# Kerala PSC

**Previous Year Paper  
Secretariat Assistant  
2018**



1. The largest natural number which exactly divides the product of any four consecutive natural numbers is
  - (A) 120
  - (B) 24
  - (C) 12
  - (D) 6
2. If 520 mangoes can be bought for ₹ 600, how many can be bought for ₹ 1500 ?
  - (A) 1040
  - (B) 1200
  - (C) 1300
  - (D) 1560
3. In an examination 86% of the candidates passed and 224 failed. How many candidates appeared for the exam ?
  - (A) 800
  - (B) 1540
  - (C) 1600
  - (D) 3136
4. Raju & Tom together can do a work in 10 days. Tom & Appu together can do it in 12 days. Appu & Raju together can do it in 15 days. In how many days will they finish it if all the three work together ?
  - (A) 8 days
  - (B) 4 days
  - (C) 4.5 days
  - (D) 9.5 days
5. Area of the largest triangle that can be inscribed in a semicircle of radius 2 cm is
  - (A)  $2 \text{ cm}^2$
  - (B)  $4 \text{ cm}^2$
  - (C)  $2\sqrt{2} \text{ cm}^2$
  - (D)  $4\pi \text{ cm}^2$

6. If Maya goes to office at a speed of 40 km/hr, she reaches 5 minutes late. If she travels at the speed of 60 km/hr, she is 10 minutes early. What is the distance to office from her home ?

(A) 30 km  
(B) 40 km  
(C) 50 km  
(D) 35 km

7. How much time will a train of length 171 metres take to cross a tunnel of length 229 metres, if it is running at a speed of 30 km/hr ?

(A) 1 minute  
(B) 36 seconds  
(C) 30 seconds  
(D) 32 seconds

8. At what time between 4 and 5 will the hands of a clock be at right angles ?

(A)  $38\frac{3}{11}$  minutes past 4  
(B)  $38\frac{9}{13}$  minutes past 4  
(C)  $38\frac{2}{11}$  minutes past 4  
(D)  $38\frac{5}{13}$  minutes past 4

9. Today 10<sup>th</sup> May 2018 is a Thursday. What day of the week will it be on 25<sup>th</sup> December, 2018 ?

(A) Wednesday  
(B) Sunday  
(C) Monday  
(D) Tuesday

10. The ratio between the ages of Appu and Ryan at present is 3 : 4. Five years ago the ratio of their ages was 2 : 3. What is the present age of Appu ?

(A) 15 years  
(B) 20 years  
(C) 12 years  
(D) 30 years

11. What day of the week will be on 8<sup>th</sup> June 2215 ?  
(A) Friday (B) Thursday  
(C) Monday (D) Sunday

12. What will come in the place of “?” :  
EG, HJ, KM, NP, ?  
(A) QS (B) QR  
(C) QT (D) RS

13. Find  $10 + 10 \times 10 + 10 - 10$   
(A) 0 (B) 10  
(C) 100 (D) 1

14. The simple interest on a sum of money is equal to the principal and number of years is equal to the rate percent per annum. Find the rate percent.  
(A) 15% (B) 20%  
(C) 12% (D) 10%

15. How long will a 150 m long train running at a speed of 60 kmph take to cross the bridge of 300 m long ?  
(A) 37 seconds (B) 35 seconds  
(C) 25 seconds (D) 27 seconds

16. The ratio of ages of Monu and Sonu at present is 4 : 1. Eight years ago Monu's age was 10 times the age of Sonu. What is the present age of Monu ?  
(A) 48 (B) 44  
(C) 46 (D) 42

17. What will be the next term 7, 12, 19, \_\_\_\_ ?  
(A) 26 (B) 28  
(C) 30 (D) 24

18. Rony walked 20 m towards North. then he turned right and walks 30 m. Then he turns right and walks 35 m. Then he turns left and walks 15 m. Finally he turns left and walks 15 m. How many metres is he from the starting position ?  
(A) 45 m (B) 35 m  
(C) 55 m (D) 15 m

19. A tank can be filled by pipe A in 6 hours and by pipe B in 3 hours, each pump working on its own. When the tank is full and a drainage hole is open, the water is drained in 4 hours. If initially the tank was empty and someone started the two pump together, but left the drainage hole open, how long does it take for the tank to be filled ?  
(A) 6 hours (B) 8 hours  
(C) 4 hours (D) 12 hours

20. What are the last two digit of the number  $7^{45}$  ?  
(A) 07 (B) 23  
(C) 49 (D) 43

21. The gas in a balloon of volume 2 L is released into an empty vessel of volume 7 L. What will be the volume of the gas ?  
(A) 2 L (B) 7 L  
(C) 9 L (D) 5 L

22. Identify the element which shows variable valency.  
(A) Helium (B) Magnesium  
(C) Sodium (D) Iron

23. The speed of chemical reaction between gases increases with increase in pressure due to an increase in  
(A) Number of molecules (B) Volume  
(C) Concentration (D) Distance between molecules

24. The scientific principle behind the working of a transformer is  
(A) Mutual induction (B) Transmission  
(C) Rectification (D) Amplification

25. The outermost shell configuration of an element is  $4s^24p^3$ . The period to which the element belongs is  
(A) 5 (B) 8  
(C) 3 (D) 4

26. Nucleus is discovered by  
(A) Robert Brown (B) Golgi  
(C) Bowman (D) Fountain

27. Relationship between sea anemone and hermit crab is  
(A) Symbiosis (B) Mutualism  
(C) Commensalism (D) None of these

28. Acid rain is due to  
(A)  $O_3$  and dust (B)  $SO_2$  and  $NO_2$   
(C)  $SO_3$  and CO (D)  $CO_2$  and CO

29. Green house effect is mainly due to  
(A)  $CH_4$  (B)  $SO_2$   
(C) CFC (D)  $CO_2$

30. Which of the following is a water soluble Vitamin ?  
(A) Calciferol (B) Tocoferol  
(C) Ascorbic acid (D) Phyloquinone

31. Dada Saheb Phalke Award of 2017 was given to  
(A) Vinod Khanna (B) Rajesh Khanna  
(C) Rishi Kapoor (D) None of these

32. Which Article of the Indian Constitution empowers the President of India to declare financial emergency ?  
(A) Article 358 (B) Article 359  
(C) Article 360 (D) Article 363

33. Kerala Government's Kamala Surayya Award of 2017 for literary work was given to  
(A) Lalitha Sadasivam (B) K.P. Sudheera  
(C) P. Valsala (D) K.R. Meera

34. 'The Grand Design' is a work of  
(A) Stephen Hawking (B) John Gribbin  
(C) Marika Taylor (D) Dennis W. Sciama

35. Among the following who is not the recipient of Nobel prize in Chemistry in 2017 ?  
(A) Jacques Dubochet (B) Joachim Frank  
(C) Richard Henderson (D) Barry C. Barish

36. In 2018, the Oscar Award for best actor was given to Gary Oldman for his performance in  
(A) The Shape of Water (B) The Post  
(C) Darkest Hour (D) Dunkirk

37. In 2019, FIFA under-20 World Cup will be held in  
(A) England (B) Poland  
(C) South Africa (D) Germany

38. E. Harikumar got Sahitya Akademi (India's National Academy of Letters) Award for his work  
(A) Kama Surabhi (B) Thiranjedutha Prabandhomgal  
(C) Karutha Thampratti (D) Dinosarinte Kuttu

39. The Chairman of the Public Accounts Committee is being appointed by  
(A) The President (B) The Vice President  
(C) Prime Minister (D) The Speaker of the Lok Sabha

40. Choolannur Bird Sanctuary is located at  
(A) Palakkad (B) Idukki  
(C) Thrissur (D) Pathanamthitta

41. Who was the First Woman President of the Indian National Congress ?  
(A) Sarojini Naidu (B) Bikaji Kama  
(C) Kamla Nehru (D) Annie Besant

42. In which state of India Subansiri Hydropower Project is located ?  
(A) Madhya Pradesh (B) Assam  
(C) Karnataka (D) Rajasthan

43. In which of the following sessions of INC, was national Anthem sung for the first time ?  
(A) 1911 (B) 1930  
(C) 1947 (D) 1956

44. Which is the longest National Highway in India ?  
(A) NH 56 (B) NH 46  
(C) NH 44 (D) NH 45

45. Which is the oldest oil field of India ?  
(A) Digboi (B) Ankleshwar  
(C) Bombay High (D) Masimpur

46. Kerala Highway Research Institute is located in  
(A) Kottayam (B) Kozhikode  
(C) Ernakulam (D) Thiruvananthapuram

47. The Urdu poet who was the representative of second and third Round Table Conferences ?  
(A) Khan Abdul Gaffar Khan (B) Muhammed Iqbal  
(C) Mirza Galib (D) Sardar Jafri

48. Which dam is located in Karamanathodu, an offspring of the Kabini River ?  
(A) Cheruthoni Dam (B) Malankara Dam  
(C) Banasurasagar Dam (D) Pazhassi Dam

49. Who authored the book Sidhanubhoothi ?  
(A) V.T. Bhattathirippad (B) Chattampi Swamikal  
(C) Ayyankali (D) Brahmananda Sivayogi

50. Which one of the following passes connects Arunachal Pradesh with Tibet ?  
(A) Zoji La Pass (B) Debsa Pass  
(C) Bomdi La Pass (D) Shipki La Pass

51. Constitution of India was adopted by constituent assembly on  
(A) 1948 January 26 (B) 1949 November 26  
(C) 1950 January 26 (D) 1950 November 26

52. Which of the following temple is not in Karnataka ?  
(A) Brahmeswar (B) Kollur Mookambika  
(C) Sravanabelgola (D) Chamundeswary

53. Teesta river is the tributary of  
(A) Ganga (B) Yamuna  
(C) Brahmaputra (D) Narmada

54. In which year a major earthquake occurred in Latur region ?  
(A) 1993 (B) 1997  
(C) 1998 (D) 2001

55. Which Indian state has declared Jackfruit as official fruit of state ?  
(A) Karnataka (B) Kerala  
(C) Tamil Nadu (D) Orissa

56. Which of the following Article of the Indian Constitution guarantees complete equality of men and women ?  
(A) Article 25 (B) Article 21  
(C) Article 18 (D) Article 15

57. The wild life sanctuary which is a part of Nilgiri Biosphere Reserve ?  
(A) Chinnar (B) Prambikkulam  
(C) Muthanga (D) Chulannur

58. Original name of Vagbhatananda ?  
(A) Kunjan Pillai (B) Nanu Asan  
(C) Kumara Guru (D) Kunjikannan

59. Surya Sen was associated with which of the event during Indian Freedom Struggle ?  
(A) Chittagong Armoury Raid (B) Khilafat Movement  
(C) Kheda Sathyagraha (D) Kakori Conspiracy

60. Who is known as the mother of Indian Revolution ?  
(A) Aruna Asaf Ali (B) Madam Bhikaji Cama  
(C) Sarojini Naidu (D) Pritilata Vadkar

61. The concept of single citizenship has been adopted from which country ?  
(A) USA (B) France  
(C) Italy (D) UK

62. Who presides over the joint sitting of the two houses of the Parliament ?  
(A) President (B) Vice President  
(C) Speaker (D) Chief Justice

63. Name the President of the Constituent Assembly of India.  
(A) - Rajendra Prasad (B) B.R. Ambedkar  
(C) Sachidananda Sinha (D) B.N. Rau

64. By which Constitutional Amendment Act was the voting age lowered from 21 years to 18 years ?  
(A) 42<sup>nd</sup> Amendment 1976 (B) 44<sup>th</sup> Amendment 1978  
(C) 52<sup>nd</sup> Amendment 1985 (D) 61<sup>st</sup> Amendment 1988

65. The ministers of the state government are administered the oath of office by  
(A) President (B) Governor  
(C) Attorney General (D) Chief Justice

66. The President of India can be impeached for violation of the Constitution vide which article ?  
(A) Article 52 (B) Article 61  
(C) Article 74 (D) Article 78

67. Which of the following is appointed by the Governor of a state ?  
(A) Finance Commission (B) UPSC  
(C) State Election Commission (D) Inter State Council

68. The jurisdiction of which of the following high courts extends to the Union Territory of Lakshadweep ?  
(A) Kerala (B) Tamil Nadu  
(C) Bombay (D) Delhi

69. Which of the following subjects is included in the Concurrent List ?  
(A) Agriculture (B) Public Health & Sanitation  
(C) Local Government (D) Forests

70. National Voters Day is observed on which date ?  
(A) 15<sup>th</sup> August (B) 2<sup>nd</sup> October  
(C) 25<sup>th</sup> January (D) 26<sup>th</sup> January



81. ശരിയായ പദം തെരഞ്ഞെടുത്താണെന്നുത്തുക്കുക :

- (A) ഹാർദ്ദം
- (B) ഹാർദ്ദവം
- (C) ഹാർമവം
- (D) ഹാർധവം

82. ശരിയായ പദമേൽ ?

- (A) സൈറ്റികം
- (B) സൈച്ചികം
- (C) സൈഷ്വികം
- (D) സൈഷ്ചികം

83. ശരിയായ വാക്യമേൽ ?

- (A) അല്പാപകഗർജ്ജ പ്രസംഗം പ്രചോദനപരവും പ്രേരണാപരവുമായിരുന്നു.
- (B) അല്പാപകഗർജ്ജ പ്രസംഗം പ്രചോദനം നൽകുന്നതായിരുന്നു.
- (C) അല്പാപകഗർജ്ജ പ്രസംഗം പ്രേരണാപരമായിരുന്നു.
- (D) അല്പാപകഗർജ്ജ പ്രസംഗം പ്രചോദകവും പ്രേരണാപരവുമായിരുന്നു.

84. രൂപ്പദമാക്കുക :

ലോകത്തെ സംബന്ധിച്ചത്

- (A) ലൗകികം
- (B) ലോകേകകം
- (C) ലൗകികം
- (D) ലോകാധികം

85. ശരിയായ വിപരീതപദം എത്ര ?

ശാന്തം

- (A) അശാന്തം
- (B) ദുഷ്കം
- (C) വിരു
- (D) രാഭം

86. ലേവകൻ എന്ന വാക്കിന്റെ എതിർലിംഗം എത് ?

(A) லேவக் (B) லேவிக்  
(C) லேவகி (D) லேகவி

### 87. പേരിൽത്താഴുതുക :

ಹೃತ್ + ವಿಕಾರಂ

- (A) ஹுஸயவிகாரம்
- (B) ஹுஸ்ரிகாரம்
- (C) ஹுஸ்ரிகாரம்
- (D) ஹாஸ்ரிவங்

88. താഴെപ്പറയുന്ന പഴങ്ങളിൽന്ന് സാരസ്യമെന്ത് ?

## മുൻബെദ്ധനം ആളേക്കാല്ലും

- (A) അല്പജന്താനം ആപത്താണ്.
- (B) വൈദ്യുതി നിസ്താരനാണ്.
- (C) പതിശീലനം നേടിയില്ലെങ്കിൽ പരാജയമടയും.
- (D) വൈദ്യുതാന്വേഷണം ശഹനമാണ്.

### 89. പിതിച്ചുഴുതുക :

## ക്രോധമല്ലോ നിജ ധർമ്മക്ഷയകരം

(A) ഫ്രോയിമല്ലോ+നിജ+യർമ്മക്ഷയ+കരം

(B) ഫ്രോയി+മല്ലോ+നിജ+യർമ്മക്ഷയ+കരം

(C) ഫ്രോയി+അമല്ലോ+നിജ+യർമ്മ+ക്ഷയകരം

(D) ഫ്രോയിമല്ലോ+നിജയർമ്മ+ക്ഷയകരം

90. താഴെപ്പറയുന്ന കടങ്കമിയുടെ ശത്രീയുത്തരമെന്ത്?

‘കൊക്കിരുന്നു കൂളം വരി’

(A) വയൽ (B) കിണർ  
(C) എൻജിൻ (D) റാത്തേഹിളക്ക്

91. In computer Logical operations are performed by  
(A) Control Unit (B) ALU  
(C) Primary Memory (D) CPU

92. \_\_\_\_\_ is a volatile memory.  
(A) SRAM (B) DRAM  
(C) Both (A) & (B) (D) None of these

93. Which protocol is used in WWW ?  
(A) PPP (B) IP  
(C) FTP (D) HTTP

94. Expand GUI.  
(A) Graphical User Instance (B) Graphical User Intermediate  
(C) Graphical User Interface (D) Graphical Used Instance

95. IC chips are used in which generation of computer ?  
(A) Second Generation (B) Third Generation  
(C) Fourth Generation (D) Both (A) & (B)

96. Microsoft PowerPoint is an example of  
(A) Operating System (B) Display Device  
(C) Application Software (D) System Software

97. Website is a collection of  
(A) Webpage (B) HTML Page  
(C) Both (A) & (B) (D) HTTP Page

98. Bing is a  
(A) Website (B) Business software  
(C) Search engine (D) Social Media

99. Moving from one webpage to another webpage is known as  
(A) Attaching (B) Changing  
(C) Downloading (D) Browsing

100. Which of the following come under cyber crime ?  
(A) IPR (B) Plagiarism  
(C) Pornography (D) All of the above